



BOB JONES  
UNIVERSITY  
EST. 1927

UNDERGRADUATE

# Catalog

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18

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# ACADEMIC PROGRAMS

## UNDERGRADUATE ACADEMIC PROGRAMS

Accounting, BS . . . . .	367	English Education, BS . . . . .	313	Computer Science . . . . .	136
Actuarial Science, BS . . . . .	131	English, BA . . . . .	95	Counseling . . . . .	206
Bible, BA . . . . .	198	<i>(Creative Writing or Literature concentrations)</i>		Creative Writing . . . . .	94
<i>(Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry or Youth Ministry concentrations)</i>		Exercise Science, BS . . . . .	343	Criminal Justice . . . . .	150
		<i>(Applied Physiology or Fitness &amp; Wellness concentrations)</i>		Cross-Cultural Service . . . . .	208
Biblical Counseling, BA . . . . .	206	Fashion Design, BS . . . . .	235	English . . . . .	95
<i>(Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry or Youth Ministry concentrations)</i>		Graphic Design, BFA . . . . .	231	French . . . . .	99
Biblical Studies, BA . . . . .	201	Health & Fitness Training, AS . . . . .	342	Greek . . . . .	197
Biochemistry & Molecular Biology, BS . . . . .	118	Health Sciences, BS . . . . .	107	History . . . . .	144
Biology, BS . . . . .	104	<i>(General, Health Care Administration, Pre-Nutrition, Pre-Pharmacy, Pre-Physical Therapy, Pre-Physician Assistant or Public Health/Global Health concentrations)</i>		Information Technology . . . . .	138
<i>(Cell Biology or Zoo &amp; Wildlife concentrations)</i>		History, BA . . . . .	144	Journalism & Mass Communication . . . . .	255
Business Administration, BS . . . . .	373	Humanities, BA . . . . .	90	Mathematics . . . . .	133
<i>(General, Finance, Human Resource or Marketing concentrations)</i>		Information Technology, BS . . . . .	138	Music . . . . .	238
Business, AS . . . . .	371	Interdisciplinary Studies, BA . . . . .	91	Photography . . . . .	230
Chemistry, BS . . . . .	120	Interdisciplinary Studies, BS . . . . .	91	Physics . . . . .	122
Christian Ministries, AS . . . . .	204	Interior Architecture & Design, BFA . . . . .	233	Political Science . . . . .	147
Christian Ministries, BS . . . . .	210	International Studies, BA . . . . .	148	Professional Writing . . . . .	255
<i>(Apologetics, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry or Youth Ministry concentrations)</i>		Journalism & Mass Communication, BA . . . . .	256	Psychology . . . . .	147
Church Music, BMus . . . . .	240	Keyboard Performance, BMus . . . . .	244	Spanish . . . . .	100
Cinema Production, BS . . . . .	261	Mathematics Education, BS . . . . .	315	Teaching English to Speakers of Other Languages . . . . .	95
Communication Disorders, BS . . . . .	259	Mathematics, BS . . . . .	133	Theatre Arts . . . . .	263
Communication, BA . . . . .	253	Middle School Education, BS . . . . .	317		
Composite Social Studies Education, BS . . . . .	307	Music Education, BS . . . . .	320		
Computer Science, BS . . . . .	136	Nursing, BSN . . . . .	141		
Criminal Justice, BS . . . . .	150	Orchestral Instrument Performance, BMus . . . . .	248		
Cross-Cultural Service, BA . . . . .	208	Physics, BS . . . . .	122		
<i>(Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry or Youth Ministry concentrations)</i>		Piano Pedagogy, BMus . . . . .	246		
Culinary Arts, AS . . . . .	372	Premed/Preudent, BS . . . . .	115		
Early Child Care & Development, AS . . . . .	306	Science Education, BS . . . . .	330		
Early Childhood Education, BS . . . . .	307	Spanish Education, BS . . . . .	333		
Educational Studies, BS . . . . .	337	Spanish, BA . . . . .	100		
<i>(Arts Integration, Child Studies, Government/Public Policy, Social Services or TESOL concentrations)</i>		Spanish, BA . . . . .	100		
Elementary Education, BS . . . . .	311	Special Education, BS . . . . .	335		
Engineering, BS . . . . .	125	Sports Management, BS . . . . .	346		
<i>(Computer, Electrical or Mechanical Engineering concentrations)</i>		Studio Art, BFA . . . . .	228		
		Theatre Arts, BA . . . . .	263		
		Voice Performance, BMus . . . . .	242		
		<b>MINORS</b>			
		Art . . . . .	228		
		Aviation . . . . .	370		
		Biblical Studies . . . . .	197		
		Biology . . . . .	104		
		Business . . . . .	370		
		Chemistry . . . . .	120		
		Chinese . . . . .	99		
		Coaching . . . . .	342		
		Communication Disorders . . . . .	258		
		Communication . . . . .	252		
				<b>GRADUATE ACADEMIC PROGRAMS</b>	
				<i>Please refer to the current Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings.</i>	
				Biblical Counseling, MA	
				Biblical Studies, MA	
				Church Music, MMus	
				Communication Studies, MA	
				Doctor of Ministry	
				Educational Leadership, MS	
				Master of Divinity	
				<i>Bible Translation &amp; Linguistics, Biblical Counseling, Biblical Languages, Church Planting &amp; Urban Ministry, Church Worship, Global Missions, Military Chaplaincy, or Preaching &amp; Pastoral Ministry concentration or Advanced Track)</i>	
				Master of Ministry	
				Master of Music Education	
				Ministry Studies, MA	
				Performance, MMus	
				Piano Pedagogy, MMus	
				Teaching & Learning, MED	
				Theatre Arts, MA	
				Theological Studies, MA	
				Theological Studies, PhD	

# Within the cultural

AND ACADEMIC SOIL OF LIBERAL ARTS HIGHER EDUCATION,

## BOB JONES UNIVERSITY EXISTS TO GROW CHRISTLIKE CHARACTER

THAT IS SCRIPTURALLY DISCIPLINED, OTHERS-SERVING,  
GOD-LOVING, CHRIST-PROCLAIMING AND FOCUSED ABOVE.

### As a Christian liberal arts higher education institution we:

- Educate regenerate men and women of varying educational backgrounds and proficiencies from across the nation and around the world.
- Educate the whole person through a biblically integrated liberal arts curriculum.
- Equip individuals with a biblical worldview and with the ability to defend that worldview.
- Offer programs leading to undergraduate and graduate degrees in a range of disciplines in a residential environment supplemented by distance learning and professional development opportunities.
- Foster spiritual, intellectual, social and physical development and cultural expansion of the individual.
- Are committed to excellence in teaching by a godly, competent and professional faculty who are dedicated to furthering the University's mission.

### As a Christian higher education institution committed to helping Christian students grow in Christlikeness we:

- Emphasize excellence and hold students accountable to pursue it for the purpose of developing character.
- Teach individuals to apply the Scriptures to practical Christian living.
- Seek to develop individuals who are committed to Jesus Christ as Lord, who are engaged in service and leadership in a biblically faithful local church, and who have a compelling concern for reaching the unconverted with the Gospel.
- Are steadfastly committed to remaining faithful to the biblical doctrine and principles in our founding charter.
- Develop a constituency of regenerated students who have adequate preparation to profit from a Christian college education.



# A Message

## FROM THE PRESIDENT



**DR. STEVE PETTIT**  
President

FOR OVER 90 YEARS, BOB JONES UNIVERSITY HAS SERVED AS A THRIVING COMMUNITY OF COMMITTED CHRISTIAN STUDENTS, FACULTY AND STAFF INTENT ON SERVING JESUS CHRIST.

Since our founding in 1927, over 95,000 young people have benefited from the teaching and discipleship of our knowledgeable, dedicated and caring faculty and staff.

Bob Jones University is well known for its academic excellence and commitment to a biblical worldview—both in and out of the classroom. It is accredited by the Southern Association of Colleges and Schools Commission on Colleges and the Transnational Association of Christian Colleges and Schools.

Our graduates serve the Lord across all vocations. They are Christian workers, tradesmen, lawyers, doctors, educators, homemakers and business executives. They have what it takes to excel. They are in demand for their vocational skills, spiritual steadfastness and personal character.

BJU's founder, Dr. Bob Jones Sr., purposed "to make this university a center of the highest academic standards and Christian culture to which carefully chosen young people will come from all parts of the world and receive their training and from which these trained Christian leaders will go forth to render service to our Lord in all corners of the globe."

BJU presents today's Christian student with incredible opportunities to learn how to make a living, and—more importantly— how to live. Through a challenging and rewarding liberal arts education, the University prepares each student to be a competent, Christlike example in whatever life context the Lord places him or her. Through courses such as English, history, communication, science, math and philosophy, the BJU Core® helps students understand the essential elements of human experience and apply vital thinking and communication skills in writing, listening and speaking. BJU Core courses such as Hermeneutics and Apologetics educate students to understand, explain and defend the essential doctrines of the Christian faith. Courses in each major prepare students to excel in their chosen fields and a wide variety of electives enable them to develop their personal interests. BJU professors teach each course from a biblical worldview, helping students grow spiritually as they learn.

Bob Jones University has a spirit all its own and offers unparalleled opportunities to its students outside the classroom. From ministering in local churches to robust exposure to the arts and leadership opportunities in student organizations, and a broad variety of intercollegiate and intramural sports, the BJU experience offers students personal growth and Christian fellowship.

As a Christian institution, Bob Jones University stands firmly for the authority of God's Word and opposes all atheistic, agnostic and humanistic attacks upon the Scripture.

Every faculty member in the University signs our orthodox creed each year. We have proved in this institution that it is possible in the present day to be thorough in scholastic work and still hold to the faith of our fathers.

James admonishes those who need wisdom to ask for it. We seek His wisdom and begin each class and public event with prayer. We encourage and support our faculty, staff and students as they minister to each other in life-on-life discipleship as each of us seeks to follow Christ.

Simply put, Bob Jones University stands as a testament to our Lord and Savior Jesus Christ. What is here is His doing—it is not our own. As faculty and staff, it is our prayer that we consistently point students to Jesus Christ as they build their faith in our classrooms, chapel services and their involvement in ministries at local churches in the Greenville area. Through their service to Jesus Christ as students, we believe they are well prepared to leave our classrooms and serve Him around the world both in their local churches and in whatever vocation God has called them.

I invite you to visit Bob Jones University and see for yourself what God is doing here. Come join us!

A handwritten signature in blue ink that reads "Steve Pettit". The signature is fluid and cursive, with a long horizontal stroke extending to the right from the end of the name.

Steve Pettit

## UNIVERSITY CHARTER

The general nature and object of the corporation shall be to conduct an institution of learning for the general education of youth in the essentials of culture and the arts and sciences, giving special emphasis to the Christian religion and the ethics revealed in the Holy Scriptures; combating all atheistic, agnostic, pagan and so-called scientific adulterations of the Gospel; unqualifiedly affirming and teaching the inspiration of the Bible (both the Old and the New Testaments); the creation of man by the direct act of God; the incarnation and virgin birth of our Lord and Saviour, Jesus Christ; His identification as the Son of God; His vicarious atonement for the sins of mankind by the shedding of His blood on the cross; the resurrection of His body from the tomb; His power to save men from sin; the new birth through the regeneration by the Holy Spirit; and the gift of eternal life by the grace of God.





## THE CREST

The scales represent the proper balance of life and the fact that man weighed in God's balances is always found wanting; the cross speaks of Christ and our redemption; the book is the Word of God; and the lamp is the light of Truth; and the rampant Bruin represents the uniqueness and unity of our university family. The BJU motto, *Petimus Credimus* ("we seek, we trust"), underscores the University's foundation and purpose. We seek to inculcate into our students a desire for knowledge of the arts and sciences, and we seek to satisfy that desire. We trust the Bible as the inspired Word of God, the Lord Jesus Christ as the only hope of the world and His Gospel as the solution to the problems of our day.



## THE PLEDGE

Bob Jones University is determined that no school shall excel it in the thoroughness of its scholastic work and, God helping it, in the thoroughness of its Christian training.

# OUR CHRISTIAN PHILOSOPHY OF EDUCATION

Christian education at BJU is a spiritual ministry that has as its purpose to further the process of spiritual development in the image of God. BJU endeavors to teach students to know God and to imitate Him in His character and in His works. This commitment embraces all that is done in and out of the classroom. Knowledge of the written Word of God, the Bible, remains at the center. The disciplinary studies radiate from this center as studies of God's works. Biblical truth is not confined to the required Bible courses but is diffused throughout the curriculum.

Yet to know God implies more than just knowledge about God. The knowledge of God that is unique to Christian education is a personal knowledge that begins with repentance of sin and faith in Jesus Christ as Savior and develops through obedience to and communion with God. To know God is to be born into the family of God and to live in fellowship with Him. With this knowledge as the starting point, student attention is directed outward to the full range of natural facts and human experience and to formulations of that experience in history and philosophy, literature and art—all as

reflective of the work of God intersecting with the work of man. The student develops a worldview coherent with the work of God in his life.

The work of God in a student's life is a process of his imitating God in his character and service. Accordingly, BJU faculty and administration urge students onward in this process and provide an environment structured toward this purpose. As in secular education, the environment of Christian education is artificially selective, including elements favorable to its purpose and suppressing those unfavorable to it. BJU does not apologize for the prescriptiveness of the educational experience here. Its character goals require it.

BJU also provides students with ministry opportunities so it becomes natural to them to live out their beliefs in service to God and to others. Students are requested to have weekend ministries of various sorts both in the immediate area and in surrounding states as well. The University keeps before all its students their responsibility to share the Gospel and minister to others.

# ACADEMIC CALENDAR

## First Semester 2017

Summer Orientation . . . . .	June 16–17; June 23–24, Friday–Saturday
Student Check-In . . . . .	August 26, Saturday
Opening Exercises & Evangelistic Meetings. . . . .	August 28–30, Monday–Wednesday
Registration Activities . . . . .	August 28–29, Monday–Tuesday
Classes begin . . . . .	August 30, Wednesday
Thanksgiving Break . . . . .	November 22–27, Wednesday–Monday
Final Examinations . . . . .	December 11–14, Monday–Thursday
Semester Ends. . . . .	December 14, Thursday

## Second Semester 2017

Student Check-In . . . . .	January 8, Monday
Registration Activities . . . . .	January 8–9, Monday–Tuesday
Opening Exercises & Evangelistic Meetings. . . . .	January 9–10, Tuesday–Wednesday
Classes begin . . . . .	January 10, Wednesday
Spring Break . . . . .	March 21–26, Wednesday–Monday
Final Examinations . . . . .	April 30–May 3, Monday–Thursday
Commencement Activities . . . . .	May 3–4, Thursday–Friday
Semester Ends. . . . .	May 4, Friday

## Summer Sessions 2017

Special Session . . . . .	May 7–August 10
First Session. . . . .	May 7–June 1
Second Session . . . . .	June 4–29
Third Session . . . . .	July 2–27

### AUGUST 2017

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20	21	22	23	24	25	26
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### SEPTEMBER 2017

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### OCTOBER 2017

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### NOVEMBER 2017

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### DECEMBER 2017

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31						

### JANUARY 2018

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### FEBRUARY 2018

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### MARCH 2018

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### APRIL 2018

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29	30					

### MAY 2018

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### JUNE 2018

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### JULY 2018

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22	23	24	25	26	27	28
29	30	31				

# INFORMATION DIRECTORY

## For information on:

## Write to:

General Information, Admission and Catalogs .....	Director of Admission
Transcripts and Records of Incoming Students .....	Director of Admission
Fees, Expenses, Methods of Payment .....	Chief Financial Officer
Academic Reports, Course Offerings and Other Scholastic Matters .....	Registrar
Graduate Programs. ....	Dean of Arts & Science, Education, Fine Arts & Communication or Seminary & Graduate School of Religion (see the Seminary & Graduate Studies Catalog for more information)
Alumni Information .....	Vice President for Advancement & Alumni Relations
BJU Distance Learning .....	Manager of Center for Distance Learning
Employment	
Faculty.....	Office of the Provost
Staff .....	Chief Human Resources Officer
Graduate Assistantships.....	Chief Human Resources Officer
Student .....	Chief Human Resources Officer
Gifts, Bequests and Scholarship Donations .....	Chief Financial Officer
Outreach Ministries .....	Director of Center for Leadership Development
Visiting Students Activities & Residence Hall Reservations .....	Welcome Center

It is understood that attendance at Bob Jones University is a privilege and not a right, which may be forfeited by any student who does not conform to the standards and regulations of the institution. BJU may request withdrawal of any student at any time, who, in the opinion of the University, does not fit the spirit of the institution, regardless of whether or not he or she conforms to specific policies and regulations of BJU.

# Admissions

## TO UNDERGRADUATE EDUCATIONAL PROGRAMS

### GENERAL REQUIREMENTS

This catalog has been written and designed to answer most of the questions that might be asked about the University's academic programs and services, as well as its academic, admission, registration, curriculum development and research policies. The volume is intended to be used as a guideline and does not create an expressed or implied contract.

Bob Jones University (BJU) reserves the right to expand, delete or otherwise modify its degree programs or courses of study and associated policies; to change its rules and policies affecting the admission and retention of students or the granting of credit or degrees; to change the academic calendar, course offerings, course content or academic programs; or to alter its fees and other charges whenever such changes are judged by it to be desirable or necessary. In any such case, BJU will give appropriate notice as reasonably practicable under the circumstances.

Candidates for admission to any of the schools of BJU must give evidence of good character. Students transferring from other institutions may be asked to present statements of honorable dismissal.

Any applicants whose admission falls outside of those criteria described in the paragraphs below will go to the Admission Committee for a decision. The director of Admission will inform the applicants of the admission decision.

### NOTIFICATION OF NONDISCRIMINATION

Bob Jones University does not discriminate on the basis of race, color, sex (including pregnancy), national origin, age, disability, veteran status or genetic information.

## AMERICAN COLLEGE TEST (ACT)

Generally, American College Test (ACT) scores are requested of all undergraduate applicants. Each applicant is urged to apply for and take the required examination well in advance of the semester for which he or she seeks admission. An applicant who does not take this test prior to enrollment must register for and take the test during his or her initial semester in residence. If a student fails to take the test during his or her initial semester in residence, BJU will place an admission hold, preventing the student from registering for future classes.

The examination is administered nationally on established schedules with a closing date for each administration. Information, dates of administration, online registration, etc., are available at [www.actstudent.org](http://www.actstudent.org). High school students may also secure information about this test from their principal or academic counselor or by contacting Admission at Bob Jones University. In completing the test application form, applicants are requested to indicate that a copy of their scores be sent directly to Bob Jones University. The ACT code number for Bob Jones University is 3836. These test scores are useful in processing a student's application and in advising him or her during his or her college career.

## ADMISSION PROCEDURES

### Students Attending College for the First Time

1. Apply online at [www.bju.edu/apply](http://www.bju.edu/apply) or call Admission at Bob Jones University.
2. Fill in the application form completely and submit it.
3. Request that an official high school transcript be sent to the Bob Jones University Admission Office.
4. Arrange to take the American College Test (ACT) by going to [www.actstudent.org](http://www.actstudent.org). The ACT code number for Bob Jones University is 3836. Applicants who have already taken the ACT are requested to have a copy of their scores sent to the University.
5. Upon receipt of these materials and the references noted on the application, Admission at Bob Jones University will process the application, notify the applicant of his or her admission status and send further information.

### Students Transferring Coursework from Other Institutions

1. Follow steps 1 to 5 under Students Attending College for the First Time.
2. Request each college or university where coursework has been previously taken to send a complete transcript to Bob Jones University.
3. Upon receipt of these materials and the references noted on the application, Admission at Bob Jones University will process the application, notify the applicant of his or her admission status and send further information.

### Students Who Previously Attended Bob Jones University

1. Apply online at [www.bju.edu/apply](http://www.bju.edu/apply) or call Admission at Bob Jones University to request a paper application for re-enrollment.
2. Fill in the application form completely.
3. Upon receipt of these materials, Admission at Bob Jones University will process the application, notify the applicant of his or her admission status and send further information.

### Former Students Who Have Been Suspended or Denied Re-enrollment

A student who is suspended from or denied re-enrollment in Bob Jones University may be considered for readmission for a term that begins at least one complete semester following the date of his or her suspension or enrollment denial.



In addition to following the procedures for Students Who Previously Attended Bob Jones University, the student will be asked for additional information by an admission counselor.

## TIME REQUIRED FOR PROCESSING OF APPLICATION

Ordinarily, an application can be processed in no less than three weeks, and it is not unusual for an application to require six weeks or longer for processing. It is necessary to secure the high school record, character recommendations, college transcripts of any coursework and to coordinate all these records in Admission before the admittance decision can be made. Following an applicant's acceptance, a nonrefundable reservation fee must be paid to confirm the applicant's reservation (due first semester, May 1; second semester, November 1). Upon enrollment, the reservation fee will be applied toward the semester's tuition and fees. No reservation is final until all these records are in order and the reservation fee is received. Consequently, an applicant should allow as much time as possible for the processing of the application.

## FRESHMAN ADMISSION BY HIGH SCHOOL CERTIFICATE

### Freshman Standing

An applicant must request that his or her high school forward a copy of his or her official high school transcript directly to the director of Admission.

Applicants from approved high schools will be admitted to the freshman class upon certification that the applicant is a high school graduate and recommended for college work, and provided that the applicant has met all other requirements for admission.

### Required Units

Applicants should have achieved high school graduation and have at least 16–18 acceptable units of secondary school work. (A unit is defined as five 45-minute periods each week for 36 weeks.)

Ten of these units must be in academic subjects. The following distribution of units is recommended: English (three units), mathematics (two units), natural science (one unit), social studies or history (two units), and foreign language (two units).

Students who BJU is willing to accept but are deficient in entrance requirements must make up deficiencies by taking additional credits on the university level. These credits are added to the total of 128 required for degree conferral. Since one semester of college work is usually construed to be the equivalent of a year's high school course, a student deficient one-half unit of academic electives is required 130 credits for degree conferral; a student deficient one unit, 131 credits for degree conferral, etc. These additional credits must be taken in the areas of study in which the student is deficient.

### Early Admission Program for High School Students

Early admission for high school students is offered as a means of enriching the education of outstanding high school students. Students still enrolled in high school are not eligible for Title IV federal financial aid.

The student will be admitted upon recommendation of his or her high school principal or homeschool parent. The student should have above average scores and should consistently be doing A and B work in all high school courses.

There are two ways a high school student may be admitted to Bob Jones University:

1. Resident Courses. A qualified high school student may enroll in resident courses at BJU upon completion of his or her sophomore year of high school. The courses offered will be regular college courses, and those high school students admitted will attend courses with regular college students. For information about enrolling in resident courses, contact Admission at BJU.

2. Online Courses. A high school student may choose from several online classes after the completion of his or her sophomore year. These classes give the student the quality, structure and interaction of an on-campus class with the flexibility to fit the student's schedule. For more information, go to [www.bjuonline.com](http://www.bjuonline.com) or contact Admission at Bob Jones University.

## FRESHMAN ADMISSION BY EXAMINATION

Students who Bob Jones University is willing to accept but whose educational backgrounds have been irregular may be admitted on any of the following bases:

### Equivalency Diploma

The High School Equivalency Diploma or Certificate is now issued by the state department of education of nearly all the states as part of their services in the field of adult education. In many states this service is available on the same basis to veterans and non-veterans alike, in others on a differentiated basis, and in still others to veterans only. In all cases, however, it is awarded to persons of post high school age on the basis of achievement shown by examination rather than achievement shown by accumulation of high school credits—though in some states examination results must be supported by a partial high school record. Specific requirements vary from state to state, especially as to the minimum age at which one is eligible to take these examinations. An inquiry addressed to any state department of education will reveal current practices for that particular state. Other things being equal, an equivalency diploma is construed as sufficient for college admission and meets all the specific entrance requirements.

### General Education Development (GED) Tests

The General Education Development test also serves as a basis for admission for the veteran or other adult applicant when satisfactory scores have been achieved at an approved examination center prior to the enrollment of the student in BJU. Satisfactory scores achieved on these examinations, whether or not they have resulted in the issuance of a diploma, are construed as meeting all entrance requirements. In some circumstances, advanced standing is given on the basis of the college-level GED tests.

### Undergraduate Placement & Academic Restrictions

#### *High School Graduate*

The primary consideration is based on the student's high school "adjusted GPA." The adjusted GPA is calculated using the grades from core academic courses only: math, science, history, language arts (English, speech, etc.) and foreign language.

Limited Load—A student with an adjusted high school GPA of 1.7–1.9 (C-)

Academic Probation—A student with an adjusted high school GPA of 1.3–1.6 (D+) or previous poor academic performance at another institution

Associate Placement—A student with an adjusted high school GPA of 1.0–1.2 (D)

In addition, after the primary consideration (adjusted GPA) is determined, other factors are taken into consideration that may affect a "borderline" student's status:

- ACT scores
- Achievement test scores
- Comments from the school official recommendation

These factors may result in a student being placed in a "lower level" restriction.

For instance, if a student has a borderline GPA such as 1.7, his or her ACT composite score is below 16 or his or her achievement test complete battery percentile is 50 percent or below, and there is a comment from a school official that the student has academic struggles, he or she may be placed on Academic Probation instead of Limited Load.

## Examination Results

A student who is accepted for admission on the basis of satisfactory examination results will be placed on academic probation. These exam results include the GED, an Equivalency Diploma or Certificate (adult education), etc. The minimum GED scores are as follows: individual subject scores–40; composite score–45.

There are occasions when a student submits a GED with scores that barely meet the minimum allowable scores and his or her high school transcript reflects poor academic achievement (GPA of 1.6 or below) or he or she has low ACT scores (16 or below). That student may be placed on Associate Placement initially instead of Academic Probation in order for the student to prove that he or she can handle university-level academic work.

## OTHER ADMISSION CATEGORIES

### Admission as a Special Student

Bob Jones University accepts a limited number of special students who fall into one of the following categories: (1) Students who have completed a bachelor's degree and who wish to take additional work in some area without working for a degree; (2) Mature students, past normal college age, who qualify for regular admission and who wish to take only a few courses on a part-time basis but are not interested in a degree.

A special student is not required to remove entrance deficiencies and may take any course for which he or she has met the prerequisites. Bob Jones University, however, does not permit any student to take all his or her courses in one or two fields but recommends even for special students a program of general education. No student has the academic classification of "special" unless the student has applied and been admitted as a special student or unless, after being admitted as a regular student, the student has been given permission by the registrar to become a special student. The fact that a residence hall student may be classified as "special" academically does not mean that the student will be granted special privileges by the dean of men or dean of women.

A special student seeks admission in the same manner as a regular student. Work taken as a special student may be applied toward a degree program later if the student qualified for admission to a degree program at the time the work was taken.

### Admission as a Part-Time Student

Since 12 semester credits constitute the minimum full-time load at Bob Jones University and since all residence hall students are full-time students, a part-time student by definition is any student carrying less than 12 semester credits. All residence hall students are required to carry a minimum of 12 credits. Many part-time students are spouses of full-time university students who wish to take certain special courses; others are residents of the local community who wish to enroll for a partial load only. By nature of their programs of study, many part-time students are special students—although some part-time students follow a regular program of study.

To secure a permit to register, a part-time student must follow the regular procedure in filing application for admission. A student carrying six to 11 semester credits may be eligible to receive part-time Title IV federal financial aid. In order to receive full federal financial aid, a student must carry a minimum of 12 credits.

### Admission of International Students

One of the unique features of Bob Jones University is that as a private liberal arts university it attracts its student body each year from virtually all the states plus the District of Columbia, the outlying possessions of the United States, and more than 40 countries. In addition to those who are

foreigners by citizenship, BJU attracts a number of students who have American citizenship, but were born and raised in a foreign country.

Bob Jones University is proud of its international students and works diligently to facilitate the admission of its qualified international applicants. The international student, however, who desires admission to Bob Jones University will do well to read carefully the following paragraphs.

An international student makes application for admission to Bob Jones University in the same manner as any other student—with the additional need to meet certain requirements of the student's own country plus the requirements of the United States for approval to study in this country. Before a letter can be sent from Bob Jones University to the student to assist him or her in securing the necessary credentials to leave the student's own country to enter the United States for study, the international student must:

1. Submit the electronic application with the reservation fee for the semester for which the reservation is requested (must be in U.S. funds). In the event the application should be denied, the reservation fee will be refunded.
2. Furnish satisfactory evidence as to the student's character, ability to meet financial obligations in this country and academic preparation for study in an American university. The student must also provide proof of proficiency in the English language.

Students for whom English is not their native language must take the Test of English as a Foreign Language (TOEFL) exam upon making application to Bob Jones University. The exam is offered only at selected times and places. Information, dates of administration, online registration, etc., are available at [www.ets.org/toefl](http://www.ets.org/toefl). It normally takes four to six weeks for the exam results to be reported to BJU. The TOEFL code number of our institution is 5065. These test scores are useful in processing a student's application for evaluating his or her mastery of the English language.

<i>Minimum TOEFL Regular Admission</i>	<i>Internet TOEFL (iBT)</i>	<i>Paper TOEFL (PBT)</i>
Undergraduate Level	61 (section scores of 15)	500
Graduate Level: Master's	79 (section scores of 19)	550
Graduate Level: Doctorate	100 (section scores of 20)	600

In establishing academic preparation for study at Bob Jones University, students educated outside the United States will have their secondary education records evaluated at Bob Jones University. Students with post-secondary study outside of the United States must submit a credential evaluation report from World Education Services ([www.wes.org/application](http://www.wes.org/application)). Those with prior university work should request a course-by-course evaluation. Bob Jones University must be identified as the recipient of the completed World Education Services report.

Because of the time involved, every international applicant is expected to submit their application with all the necessary credentials at least six months to a year in advance of the semester in which he or she expects to enroll. Canadian students must allow no less than three months for the processing of their applications.

A letter of tentative acceptance granted to an international student on the basis of satisfactory preliminary information is subject to final confirmation by the completion of all records pertaining to the student, including the evaluation of academic credentials, which is final and binding in all cases. It is understood that the international student, in claiming the reservation, accepts this provision as part of the student's contract with Bob Jones University.

### Bridge to College English

The Bridge to College English (BCE) exists to prepare international students to succeed in English-medium courses at Bob Jones University for admission as degree candidates. The BCE includes non-credit courses in various aspects of English and college-level courses in Bible and speech as well as

the First-Year Seminar. It supports the following goals of the Division of English: Students will be able to communicate well and will be able to apply knowledge of language structure. Students have the advantage of being immersed in English in a warm Christian atmosphere where Christlike character is nurtured.

BCE is offered during the fall semester. Near the end of the semester, students will take the Test of English as a Foreign Language (TOEFL). Students who achieve the necessary TOEFL score will be admitted in a degree program for the spring semester.

<i>Minimum TOEFL Entry Requirements</i>	<i>Internet TOEFL (iBT)</i>	<i>Paper TOEFL (PBT)</i>
Undergraduate Level	48 (section scores of 10)	460
Graduate Level: Master's	62 (section scores of 15)	510
Graduate Level: Doctorate	100 (section scores of 15)	600

The core of the BCE is daily instruction in English as a second language, including all four language skills: listening, speaking, reading and writing. The student will be in a small class where he or she will receive generous amounts of friendly, individual attention. The student will receive help in listening to lectures and taking notes, as well as other skills needed by students.

### Admission of Service Personnel

A limited amount of credit may be allowed for training programs followed in military service, provided this work is in line with baccalaureate requirements. Any veteran desiring an evaluation of such work must have his or her official transcript forwarded directly from the proper authorities to the registrar of Bob Jones University. Credit is allowed on the basis of the recommendation in the manual, "A Guide to the Evaluation of Educational Experiences in the Armed Services."

### Veterans Readmission

Bob Jones University fully supports and complies with the veteran readmission requirements in the Higher Education Opportunity Act of 2008. In general, any student whose departure and absence from Bob Jones University is necessitated by reason of service in the uniformed services shall be entitled to readmission to the University (exceptions include individuals receiving dishonorable or bad conduct discharges or those who are sentenced in a court-martial). In most cases, the student must apply for readmission within five years of completion of military service. For full details in regard to notification of Student Life and re-enrollment, see Policy Volume V on the university intranet.

### Admission to Advanced Standing

Transfer students seek admission to Bob Jones University in the same manner as entering freshmen. It will be helpful, therefore, for every prospective transfer student to read the general requirements for admission and the requirements for freshman admission. The transfer student is individually responsible to see that transcripts of all previous high school and college-level work are sent directly to Bob Jones University from each institution attended. All such transcripts must be requested at the time the application is submitted to Bob Jones University, since the application cannot be processed until all records are in order. Transcripts are not accepted from students.

All transfer credits are accepted on a provisional basis, which means that they do not become a part of the student's permanent record until the student has successfully completed one semester of resident study leading toward a degree from Bob Jones University. To validate the credit on any transcript, a student is expected to earn the same grades or better in residence at Bob Jones University.

The transfer student should note that the academic year at Bob Jones University is divided into two semesters and that the unit is the semester credit. Quarter hours are converted into semester credits at the ratio of 3:2—that is, three quarter hours equal two semester credits. While every effort is made within the regulations to give the transfer student the full value of his or her previous work, no fractional credits are recorded and course credits of a fragmentary nature are disallowed.

## Validation Examinations

Students desiring advanced standing on the basis of academic work which Bob Jones University is unable to accept without examination may validate such work by examination after their arrival. A fee is charged for each validation examination. This procedure also applies to academic work taken in Bible schools which do not have an approved college department. All validation examinations must be completed by the end of the first half-semester after a student enrolls.

## Admission as a Postgraduate Special Student

A student holding a bachelor's degree who wishes to secure additional training but who does not wish to follow a program of study leading to an advanced degree may enroll as a postgraduate special student. Such a student may take courses only on the undergraduate level, choosing those courses based upon his or her objective for taking such special work. To register for a graduate course, however, the student must meet all prerequisites in the same manner as a student who takes the course to apply toward a graduate degree program.

## Admission as a Graduate Student

For details concerning specific requirements, consult the Seminary and Graduate Studies Catalog.

# TRANSFER CREDIT

## Undergraduate Transfer Credit Practices

### *High School Record*

A transfer student's high school record is evaluated in terms of Bob Jones University's entrance requirements. Occasionally a student who was admitted to another institution without deficiency will be deficient in entrance requirements when transferring. Such deficiencies, if any, will be indicated on the registration materials given to the transfer student when he or she enrolls.

### *Transfer Credit Regulations*

The regulations governing the transfer of credits earned in other institutions are as follows:

1. It is the policy of Bob Jones University to consider for transfer credits earned in a regular college or university or other institution of collegiate level. The accreditation status of the other institution(s) will be a factor in transfer credit decisions, but it will not be the sole or primary factor.
  - a. ***Coursework Earned at Non-Regionally or Nationally Accredited Institutions:*** In cases where a student submits coursework from an institution that is not regionally accredited or that is nationally accredited, a course-by-course evaluation is conducted by the registrar based on recommendations of the faculty in the relevant academic program to ascertain if the coursework is at the collegiate level and is comparable to courses offered at Bob Jones University.
  - b. ***International Coursework:*** International students with post-secondary study outside of the United States must submit a credential evaluation report from World Education Services ([www.wes.org/application](http://www.wes.org/application)). Those with prior university work must request a course-by-course evaluation and identify Bob Jones University as the recipient of the completed report. See the BJU Admission of International Students Policy for additional information.
  - c. ***Military Institutional Coursework:*** Coursework from the Air University, the Defense Language Institute, the United States Naval Academy, the United States Military Academy, the United States Air Force Academy and the United States Coast Guard Academy will be considered for transfer if a comparable course is offered at Bob Jones University.

2. Only those credits which carry a grade of at least C or its equivalent at the undergraduate level or at least B at the graduate level may be transferred (no grade of D, F or P).
3. Credit for courses such as music theory and language is transferable only by placement test validation. Art and design courses are validated by presenting a portfolio to the art and design faculty to be evaluated. This validation must be secured at the time of the student's initial semester registration in Bob Jones University. Moreover, the student must place in the course at the next level for the transfer credit to be recognized.
4. Courses acceptable for transfer must be substantially in line with the course of study offered by Bob Jones University and must serve a useful purpose in the particular curriculum which the student proposes to follow. To be accepted, a course need not be identical with a course offered at Bob Jones University; but it must be a course, even as a general elective, which is in line with the degree requirements defined in the Undergraduate Catalog. For example, a student who has heretofore pursued for any length of time a curriculum in any field in which courses are not offered at Bob Jones University may not expect to receive full transfer value for his or her previous work. A limited number of such credits is transferable as general electives.
5. In transferring credits, all evaluations are made in terms of courses as they appear in the University's Undergraduate Catalog. Though the original course titles are retained, the student's transfer record will show the course number as it appears in the Bob Jones University Undergraduate Catalog. Transfer courses for which there exist no parallel courses in this institution but which are acceptable for transfer will be assigned the proper departmental classification.
6. Transfer credit may be given by Bob Jones University in any one field of study not to exceed 30 semester credits. For example, a student who has had extensive training in religion elsewhere may not expect to transfer more than 30 semester credits in religion. If the student expects to major in the field in which he or she presents the maximum number of transfer credits, the student must complete a minimum of 12 semester credits in the major field at Bob Jones University.
7. Transfer students may fall into any classification from freshman to senior, though rarely is a student able to transfer and complete degree requirements in one year.
8. Though certain adjustments may be made to the program of study for a student who transfers to this institution late in the college program, it should be noted that the "in residence" regulation requires a candidate for a baccalaureate degree to complete a minimum of 32 semester credits in at least two semesters in residence at Bob Jones University. Candidates for an associate degree must complete a minimum of 16 semester credits in at least one semester in residence at Bob Jones University. This stipulation means that in the minimum of two semesters the student must carry a full load of work and must meet the minimum academic standards required by Bob Jones University for degree conferral.
9. Bob Jones University does not accept in transfer any college-level work taken prior to the completion of the sophomore year of high school. College-level work completed after the sophomore year of high school will be evaluated on an individual basis.
10. A unit of credit at Bob Jones University is a semester hour. Quarter hours are transposed into semester hours at the ratio of 3:2; that is, three quarter hours equals two semester hours. No fractional credits are recorded, and course credits of a fragmentary nature are disallowed.
11. **AP, CLEP and IB Credit:** BJU does recognize Advance Placement (AP), College-Level Examination Program (CLEP) and International Baccalaureate (IB) credits subject to the following limitations. To be recognized, credits must have been earned prior to enrollment at Bob Jones University and after the sophomore year of high school. Credit for AP is based solely upon AP tests and not on AP courses. AP test scores must be 4 or above for recognition. General CLEP scores are not recognized. Subject area CLEP credits are acceptable so long as the scores are 50 or above. IB credit is based solely upon the Higher Level Examination results. IB test scores must be 5 or above for recognition.

A total of six English credits may be earned by IB, excluding AP and CLEP programs. The total credit earned through AP, CLEP and IB programs is limited to 30 semester credits, which includes any credit in transfer presented from approved distance learning schools. There is no charge for recognition of AP, CLEP and IB credits. Prospective students desiring information concerning the AP and CLEP programs should contact The College Board, P.O. Box 977, Princeton, NJ 08540.

12. All work taken at other institutions for transfer into a degree program at Bob Jones University once the student has been accepted into a program must be approved by the registrar in advance. In such circumstances, the amount of credit to be taken elsewhere will be limited. Moreover, the student is expected to complete his or her final semester of coursework in residence at Bob Jones University.
13. Military Training and Experience: Academic credit for military service or training will be considered in accordance with the recommendations set forth in the manual, "A Guide to the Evaluation of Educational Experiences in the Armed Services." See Policy Volume V on the university intranet for additional information.
14. Credit Appeals Process: Upon completion of the credit review processes, students will be notified of the decision by the Registrar's Office. A student wishing to challenge course credits deemed ineligible for credit must file a written appeal with the registrar, who will bring the matter to the attention of the Academic Council. Within 10 business days of receipt of the appeal, the chair of the Academic Council will notify the student of the Academic Council's decision.
15. Transfer work is calculated into a student's cumulative undergraduate grade point average (GPA) at the time the degree is conferred. For associate degree students, transfer work is not calculated into the final GPA. The student is required to earn a cumulative GPA of 2.0 or higher in courses taken at Bob Jones University in order to earn an associate or bachelor's degree from BJU.
16. Current students will not receive approval to take any core course at another institution if that course is offered online through Bob Jones University. See Policy Volume V on the university intranet for additional information.

### Undergraduate Transfer Credit from Bible Schools

In addition to the regulations just enumerated, the following regulations clarify the basis of transfer for work completed in a standard Bible college:

1. Credits earned in the field of religion in a standard Bible school of college level are considered for transfer purposes on the same basis as credits earned in other fields in a regular college or university.
2. Credits earned in a Bible school of approved collegiate standing are accepted on the same basis as credits earned in any other institution of college level.
3. Credits in the academic fields earned in a Bible school which does not have a recognized college department may be transferred only by validation. This validation may be secured by examination, as in English, or by the completion of the next course in sequence with a minimum grade of C, as in Greek. The procedure used is that recommended by the department. All validation examinations must be completed within the first half-semester of a student's registration in BJU. A fee is charged for each validation examination.
4. Evaluation of credits completed in Bible schools is made according to the regulations governing all transfer work, including the quality of work required, the maximum number of credits which may be transferred, etc.
5. Because of the wide variety of religion courses offered in Bible schools and because of the variations existing in course titles and course contents from school to school, Bob Jones University allows all transfer credits in religion on an equivalence basis in terms of courses and



credits listed in the Undergraduate Catalog under the School of Religion. This assignment of credits is made on the basis of the contents of the courses pursued elsewhere as compared with parallel courses offered in this institution.

6. Upon completion of the credit review processes, students will be notified of the decision by the Registrar's Office. A student wishing to challenge course credits deemed ineligible for credit must file a written appeal with the registrar, who will bring the matter to the attention of the Academic Council. Within 10 business days of receipt of the appeal, the chair of the Academic Council will notify the student of the Academic Council's decision.

## Transfer Work Procedures

**Approved Work:** Accepted courses are recorded with a Bob Jones University catalog number and the title of the course transferred from the other institution. Approved transfer work is available on one's checksheet under the Academics menu option in StudentCentral. Any apparent contradiction, omission or error should immediately be brought to the attention of the credentials analyst in the Registrar's Office.

**Validation Approval:** Courses subject to validation by placement test, portfolio or division approval. Validation ensures the level of instruction for continued study in the subject area.

1. If continuing in a subject area at Bob Jones University, all validations must be secured at the time of the student's initial semester registration at Bob Jones University.
2. If not continuing in a subject area, validation is not necessary and the courses may be approved as elective credit. By the end of the student's initial semester of enrollment at Bob Jones University, the student must notify the Registrar's Office of his or her intent to discontinue study in that area at Bob Jones University.

**Conditionally Approved:** Courses currently in progress at another institution and conditionally approved based upon final grades with receipt of an official transcript. Only grades of A, B or C will transfer.

**Pending Approval:** Courses where additional information is needed (e.g., course description, syllabus, etc.) before a decision can be made.

Transfer work is not calculated into an undergraduate student's grade point average (GPA) until the degree has been conferred. Transfer work of an associate degree student or a graduate student is not calculated into his or her GPA.

## Transfer Work Waiver

Students may waive receiving transfer credit for courses from a previously attended institution by completing a Transfer Work Waiver. Any coursework waived can never be counted toward any undergraduate degree at Bob Jones University. The student may have to retake the courses at Bob Jones University to fulfill degree requirements. The Transfer Work Waivers should be completed at the Registrar's Office by the end of the student's initial semester of enrollment.

## Transfer Work Validation Waiver

Students who do not pass or do not pursue validation for transfer work (e.g., art, music theory, modern languages, etc.) and who will not be continuing in the subject area, including as a major or minor, may have such courses count as general electives. By the end of the student's initial semester of enrollment at Bob Jones University, the student must complete a Transfer Work Validation Waiver at the Registrar's Office to have transfer work count toward elective credit. If the student decides to continue in the subject area, all prerequisites must be met. If later the student changes to a major or minor in the subject area, a Transfer Work Waiver form must be completed at the Registrar's Office. The transfer work will then be removed from the student record.

## HOUSING AT BJU

All single students under 23 years of age, except those residing with their parents or close relatives in the local community, are expected to live in the university residence halls. Students must supply their own textbooks and school supplies, as well as their own twin bed mattress cover and linens, blankets, pillows and towels. The University suggests that students wait until they arrive before purchasing room furnishings such as small refrigerators.

Two housing options are available according to classification. Freshmen have the option of living on freshman floors in order to maximize their first-year experience in a community of freshmen and upperclassman peer leaders where freshmen are challenged to grow personally, academically, socially, and spiritually. There are freshman floors in two men's and two women's residence halls. In addition, seniors can select to live in seniors rooms with one other senior and have fewer everyday living requirements. These rooms are sprinkled throughout the regular halls.

BJU, through Human Resources, lends assistance to married couples in locating housing in the area.

*Note:* BJU is not legally liable for injuries or damages to property, or for failure or interruption of utilities, or for interruption of services due to weather or acts of nature occurring in the residence halls. Students are strongly encouraged to provide their own personal insurance.

## STUDENT IMMUNIZATIONS

All reservations for residence programs are contingent upon the applicant's submitting the BJU Student Immunization form. First-time students who do not complete this requirement prior to matriculation must obtain the required immunizations at area medical providers in the first few weeks after their arrival on campus.

# Financial

## INFORMATION

<i>Full-Time Students</i>	
Tuition per semester (12–18 credits)	\$7,825
Room & Board per semester	\$3,325
Additional credits above 18, per credit	\$390
Program Fee per semester	\$325–600
<i>Part-Time Students</i>	
Tuition per credit (1–11 credits)	\$780
Program Fee (1–5 credits)	50% of program fee
Program Fee (6–11 credits)	75% of program fee
Audit (per credit)	\$195
<i>Summer Sessions 2017</i>	
Special Session: Tuition (per credit)	\$415
Special Session: CCS 399 & Mission Team (per credit)	\$200
Special Session: Study Tour registration fee for credit	\$65
<i>Distance Learning</i>	
Online Class: Tuition (per credit)	\$415
Online Class: Technology Fee (per credit, resident students)	\$100

## TUITION

The full-time tuition rate for undergraduate students includes a load of 12–18 credits.

There will be an additional per credit charge for any load over 18 credits.

1. All residence hall students are required to carry a minimum of 12 credits. If a student receives special permission to live in the residence hall while taking fewer than 12 credits, that student is still considered as full time, both financially and academically. However, a student must be enrolled in 12 credits to be eligible for most state and federal financial aid.
2. Part-time students who repeat a course will be required to pay the regular per credit charge for that course. Part-time students who audit a course, will pay a reduced per credit charge for that course
3. Summer Session: Tuition for summer resident courses, mission teams and internships, and church internships is due at the time of registration. No refund of tuition will be given if the course is not completed.
4. Distance Learning: Tuition for distance learning courses will be charged separately from in residence courses unless the student is a full-time resident student.

## FEES

Admission	
American College Testing Residual Test (not a BJU fee)	\$45
Reservation deposit (new student)*	\$250
Reservation deposit (returning student)*	\$50
*CREDITED AGAINST THE FIRST MONTH'S BILLING.	
Graduation	
Associate and Bachelor's degrees	\$100
Diploma reorder	\$50
Nursing Pinning Ceremony	\$170
Registrar's Office	
Add a course	\$5
Drop a course	\$5
Introduction to College English (En 095)	\$100
Math Modules (Liberal Arts Math & Math Preparatory)	
Liberal Arts Math (Ma 080) & Math Preparatory (Ma 090)	\$450
Additional attempts	\$200
Optional Math Modules	\$40
TOEFL examination	\$25
Validation examination (per examination)	\$50
Instrument rental	\$100
Vehicle Registration	
Per semester <i>(Rates subject to change if necessary.)</i>	\$100

## EXPLANATION OF FEES

### Aviation

See USAeroFlight, LLC of Greenville for a current list of class and flight expenses. Students pay USAeroFlight directly.

### Graduation

All students who are candidates for graduation will be charged the graduation fee. This fee covers the cost of the diploma and the rental of academic regalia, and is payable in full whether the candidate receives the degree in person or in absentia. Diplomas for May graduation are ordered from the engraver in February, and August diplomas are ordered in June. If graduation plans are canceled or changed after the diploma has been ordered, the student is charged for the unused diploma.

### Introduction to College English

A fee will be charged to students with an English ACT score 14 or below who register for En 095 Introduction to College English. En 095 must be successfully completed before the student can register for En 101. If a student challenges his or her English placement by successfully passing the English Placement Test to drop En 095 and register for En 101 prior to the end of the drop/add period, the fee will be waived.

## Math Modules Fee (Liberal Arts Math & Math Preparatory)

A math module fee will be charged to students with math ACT score 17 or below who register for the Liberal Arts Math Modules (Ma 080) and to students with math ACT score 19 or below who are in programs that require a math course and who register for both the Liberal Arts Math Modules (Ma 080) and Math Preparatory Modules (Ma 090). The math module fee is charged at the beginning of the semester the student registers for math modules. If a student successfully passes all pretests for required modules prior to the end of the drop/add period, the student may drop the math modules and the fee will be waived. Additional charges are incurred for students who must register for the math modules (Ma 080) more than once.

Access to math modules is available for a fee to students with math ACT scores above the minimum requirements but whose computational skills need to be further developed or refreshed to be successful and competitive in their chosen program. The fee for optional math modules is charged once the student completes the appropriate pretest(s). Students interested in the optional math modules should visit the Academic Resource Center for more information.

## Online Class: Technology Fee

Undergraduate BJU resident students may register for one online class per semester. Students are responsible for any applicable online class course fees. Online classes are available to students not on an academic restriction.

## Program Fee

A program fee will be charged to every student at the beginning of each semester. The program fee covers the use of the library, post office box rental, use of the athletic facilities, registration expenses, email access in the library and computer labs, computer network access, and supply fees associated with many courses. The program fee will vary according to the student's major as expenses for each major differ greatly. The fee also covers Concert, Opera & Drama Series tickets for students who are enrolled with at least six credits. All privileges covered by the program fee are forfeited for the remainder of the year if a student withdraws from school for any reason.

## Reservation Fee

Once a student has been notified of his or her admittance, a reservation fee will be due by May 1 for first semester and November 1 for second semester. This is a nonrefundable fee.

## Vehicle Registration

A student who brings an automobile or motorcycle to campus must register the vehicle with the Office of Public Safety. A vehicle registration fee will be charged per semester for all residence hall and day student vehicles. Day students who have more than one vehicle to register may register the additional vehicle, provided only one of the vehicles will be parked on campus at any given time. A separate, smaller fee will be charged for each additional vehicle.

## TERMS OF PAYMENT

Semester charges (including tuition, room, board and program fee) will be posted to a student's account prior to the start of each new semester with payment due by August 5 for the first semester and January 5 for the second semester. The balance may be paid in full or a minimum payment may be made based on the schedule below. The first minimum payment must be made before a student can complete registration and attend class. If a student fails to pay a student account bill or

any monies due and owing BJU by the scheduled due date, BJU will place a financial hold on the student's account, preventing the student from registering for future classes, requesting transcripts or receiving a diploma.

Any student whose past-due balance from a previous semester has not been paid by July 1 for the Fall semester or by January 2 for the Spring semester may not enroll for the upcoming semester until payment in full of past due balance AND the first minimum payment of the upcoming semester have been paid.

<i>Amount Owed</i>	<i>First Semester</i>	<i>Second Semester</i>
25% of the total balance	August 5	January 5
33½% of the total balance	September 5	February 5
50% of the total balance	October 5	March 5
100% of the total balance	November 5	April 5

### Billing Statements

Bob Jones University has paperless billing statements. The guarantor of a student's account will be notified by email on approximately the 16th of each month that the statement is available online.

A student may view his or her account and statements online at any time through StudentCentral. A student may also grant his or her parents or guarantor rights to view the account and statements online.

### Methods of Payment

Payments may be made online by students or parents/guarantors who have been given rights to view the online statements. Those with rights to view statements online may also enroll in an automatic payment program.

Payments may be made by mailing a check or money order to Financial Services. Payments may be made in person at the Student Services Hub with cash or check or with American Express, Discover, MasterCard or Visa (a fee will be added for credit and debit card payment). Payments may also be made by phone.

Payments received in the Financial Services office after 4 p.m. will be credited to the student's account the next business day.

### Late Fees

A \$25 late fee will be added to any unpaid portion of the minimum payment due if not paid by the due date.

### Return Check/ACH Policy

A return check fee will be charged on any check or ACH payment returned by a bank unpaid.

## FINANCIAL TERMS

### Early Withdrawal

Any student who withdraws after completing the check-in process for any term will owe tuition, program fee, and room and board charges for the semester pro-rated through the date of withdrawal. This applies to a student who leaves for any reason—either voluntary withdrawal or suspension.

Any present student who withdraws at the change of semester must state his or her intention to do so no later than 12 days prior to the first day of classes for second semester.

## Course Withdrawal Adjustment Policy

No adjustment will be made in tuition or program fees for courses which are dropped after five weeks.

## Nonacademic Term Room & Board

Students arriving before the opening of the residence halls for an academic term or who remain on campus after the residence halls close following an academic term will be charged a per day fee for room (and board when BJU Dining Services is available). The room and board costs for student intercollegiate athletes who are on campus at the direction of their head coaches during any nonacademic term will be charged to the athletic department.

## Collection Fees

If it becomes necessary to refer unpaid charges to a collection agency, the cost of collection (33 percent of the outstanding balance) will be added to the balance due. This amount (in addition to the outstanding balance) must be paid before the account is considered satisfied.

## Release of Transcript

A student's account must be cleared with Financial Services before a transcript can be released.

## RETURN OF TITLE IV FUNDS POLICY

Students earn federal financial aid by attending classes, and federal regulations state that students who withdraw from school may keep only the Title IV financial aid funds they have earned up to the date of withdrawal.

If a student withdraws prior to completing 60 percent of the period or term, the Office of Financial Aid will calculate the earned portion of federal financial aid by determining the percentage of the payment period or term that has been completed. The date of withdrawal used to calculate the return of Title IV aid is based on the last date of the student's attendance in class. The funds to be returned will be calculated by the Office of Financial Aid based on a formula provided by the U.S. Department of Education.

If a student earned less aid than was disbursed, the institution is required to return a portion of the funds and the student may be required to return a portion of the funds. Once the Title IV funds are returned, the student may have a balance due on his or her school account.

If a student received a disbursement of federal aid for educational expenses over and above the charges for tuition, program fee, and room and board (when applicable), the student may be required to repay a portion of those funds to the federal aid programs. Failure to return federal aid money may result in loss of eligibility for federal aid in the future.

If a student earned more aid than was disbursed to him, the school would owe the student a post-withdrawal disbursement which must be paid within 120 days of the student's withdrawal.

Title IV funds will be returned to the U.S. Department of Education in the following order:

Refunds are allocated in the following order:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Parent (PLUS) Loan
4. Federal Pell Grant

5. Federal Supplemental Opportunity Grant
6. Other Title IV assistance
7. Other state aid
8. Private and institutional aid
9. The student

*Note:* Students who never began attendance in any classes at Bob Jones University are not eligible for Title IV funds. If a disbursement was made prior to determining that the student never began attendance, funds must be returned by the student to the U.S. Department of Education. A Return of Title IV Funds calculation, however, is not necessary.



# Application

## FOR FINANCIAL INFORMATION

### STEP 1: APPLY TO BJU

In order to qualify for financial aid, the recipient must be admitted as a student. A student may begin this process as early as the fall of the junior year of high school or the summer before the senior year.

### STEP 2: BEGIN TO SEARCH FOR SCHOLARSHIPS

Many non-government and non-BJU scholarships and grants have application deadlines between January and May.

### STEP 3: COMPLETE THE FAFSA (FREE APPLICATION FOR FEDERAL STUDENT AID)

The FAFSA will open October 1 each year for the next academic year at [www.fafsa.gov](http://www.fafsa.gov). The Bob Jones University school code is 003421. The FAFSA application process will identify the student's EFC (Expected Family Contribution)—the amount of money the federal government calculates a family should be able to contribute to the student's college expenses. The EFC is used not only to determine federal aid, but also to establish eligibility for BJU financial aid.

### STEP 4: COMPLETE ANY REQUIRED PAPERWORK

The BJU Financial Aid office may request additional paperwork if needed. Any necessary documents must be submitted for review before July 1 to ensure that any available aid will appear on the first statement of the year as expected aid.

### STEP 5: RECEIVE AN AWARD LETTER

Once the financial aid process has been completed, the Office of Financial Aid will send an award letter. This letter will list all federal, state and BJU-related aid the student is eligible to receive.

In order to take advantage of all possible financial aid opportunities, the student should complete the FAFSA and all nongovernment and non-BJU scholarship, grant and loan applications by March 1 of each year.

## GRANTS & SCHOLARSHIPS

### Federal

Because Bob Jones University is an accredited university with Title IV status, students are eligible to receive federal grants, including the following: To apply, complete a FAFSA.

Source	Award basis	Amount per year	Eligibility for renewal
Pell Grant	Financial need	\$606– \$5,920	<ul style="list-style-type: none"> <li>Financial need based on FAFSA</li> <li>Must maintain satisfactory academic progress</li> </ul>
Federal Supplemental Educational Opportunity Grant (FSEOG)	Financial need	\$500 (EFC must be 100 or less)	

### South Carolina Grant Opportunities

The following grants are available for qualifying South Carolina residents:

Source	Award basis	Amount per year	Eligibility for renewal
South Carolina LIFE Scholarship	<ul style="list-style-type: none"> <li>Academic merit</li> <li>Must be a South Carolina high school graduate</li> <li>Requires proof of SC residency</li> </ul>	<ul style="list-style-type: none"> <li>Up to \$5,000</li> <li>\$7,500 available for math and science majors (sophomore and above)</li> </ul>	<ul style="list-style-type: none"> <li>Maintain 3.0 cumulative GPA</li> <li>Complete average of 30 credits per academic year</li> </ul>
South Carolina HOPE Scholarship	<ul style="list-style-type: none"> <li>Freshman students only</li> <li>Academic merit</li> <li>Must be a South Carolina high school graduate</li> <li>Requires proof of SC residency</li> </ul>	\$2,800	<ul style="list-style-type: none"> <li>Maintain 3.0 cumulative GPA</li> <li>Complete 30 credits per academic year</li> </ul> (If renewal criteria are met, receive LIFE scholarship beginning with sophomore year.)
South Carolina Palmetto Fellows Scholarship Program	<ul style="list-style-type: none"> <li>Academic merit</li> <li>Must be a South Carolina high school graduate</li> <li>Requires proof of SC residency</li> </ul>	<ul style="list-style-type: none"> <li>\$6,700 for freshmen</li> <li>\$7,500 for sophomores and above</li> <li>\$10,000 for math and science majors (sophomore and above)</li> </ul>	<ul style="list-style-type: none"> <li>Maintain 3.0 cumulative GPA</li> <li>Complete 30 credits per academic year</li> </ul>
South Carolina Tuition Grant	<ul style="list-style-type: none"> <li>Based primarily on financial need</li> <li>Requires proof of SC residency</li> </ul>	<ul style="list-style-type: none"> <li>Up to \$3,200</li> <li>Amount based on 16–17</li> </ul>	<ul style="list-style-type: none"> <li>Complete 24 credits per academic year</li> </ul>

### BJU Grants & Scholarships

Source	Award basis	Amount per year	Eligibility for renewal
Academic Excellence Award	<ul style="list-style-type: none"> <li>Based on ACT or SAT scores received before July 1</li> <li>Must be full-time student</li> </ul>	<ul style="list-style-type: none"> <li>\$10,000—31+ ACT / 1420+ SAT</li> <li>\$5,500—27–30 ACT / 1280–1410 SAT</li> <li>\$4,500—24–26 ACT / 1160–1270 SAT</li> </ul>	<ul style="list-style-type: none"> <li>Maintain 3.0 GPA</li> <li>Full-time student</li> </ul>

Source	Award basis	Amount per year	Eligibility for renewal
Legacy Scholarship	Parent(s) received degree or certificate from BJU	<ul style="list-style-type: none"> <li>• 1 parent—\$500</li> <li>• 2 parents— \$1,000</li> </ul>	<ul style="list-style-type: none"> <li>• Must maintain satisfactory academic progress guidelines</li> <li>• Full-time student</li> </ul>
Ministry Scholarship	<ul style="list-style-type: none"> <li>• Residence hall student</li> <li>• At least one parent in full-time vocation ministry</li> </ul>	Up to \$2,000	<ul style="list-style-type: none"> <li>• Must maintain satisfactory academic progress guidelines</li> <li>• Full-time student</li> </ul>

## Need-based Aid

Source	Award basis	Amount per year	Eligibility for renewal
School of Religion Scholarship	School of Religion Majors	Up to \$10,000 for residence hall students (up to \$5,000 for day/commuter students)	Maximum amount will include all BJU awards
Founder's Grant	Non-School of Religion Majors	Up to \$7,000 for residence hall students (up to \$3,500 for day/commuter students)	
Financial Assistance Scholarship			

## Additional Resources for Scholarships

The following resources provide information concerning additional sources of aid.

- The Scholarship Book (Prentice Hall) is available at most public libraries.
- Searchable online databases provide access to private scholarship information.
- [www.fastweb.com](http://www.fastweb.com)
- [www.scholarships.com](http://www.scholarships.com)

## Veterans Benefits

Bob Jones University is approved by the Veterans Administration as a training facility for eligible veterans, service personnel, reservists, children and widow/widowers of veterans. BJU's Office of Veterans Affairs collects and processes all required VA documentation.

### How to Apply for VA Benefits

1. Apply to BJU.
2. After being admitted to BJU, apply for Veterans Educational Benefits. Information about eligibility, applications and certification from the Veterans Administration can be found at (888) GI-BILL-1 or from BJU's military educational benefits coordinator.
3. Post 9/11 and Dependent Assistance: Send a copy of your Certificate of Eligibility\* and complete the Intent To Use Military Benefits form.  
\*Must be submitted each term the student wishes to use the benefit.
4. Chapter 1606: Send monthly amount letter. If eligible for the Kicker, send Kicker verification.
5. Upon receipt of all required documents and after the Drop/Add period, enrollment certification will be submitted to the VA Regional Office.

## FEDERAL LOANS

### Federal Direct Student Loan Programs

Undergraduate students enrolled at least half time (6 credits) may be eligible for both the Federal Direct Subsidized and Unsubsidized loans. Graduate students are only eligible for the Federal Direct Unsubsidized loans. The Direct Subsidized and Unsubsidized loans are fixed interest rate loans. Limits on how much students can borrow per loan are established based on financial need, dependency status and academic classification.

- Subsidized—a need-based loan only awarded to those students who show financial need on the FAFSA. No interest accrues on this loan as long as a student is enrolled at least half time.
- Unsubsidized—available to any student who is enrolled at least half time whose financial aid does not meet the maximum Cost of Attendance. Interest begins accruing immediately.
- Borrowers may receive Direct Subsidized Loans for no more than 150% of the length of the student's current academic program (e.g., six years for a four-year program)
- If a student reaches the 150% time limit and continues to enroll, he or she will lose the interest subsidy on the subsidized loans borrowed in the past.
- Student who have reached the 150% limit will remain eligible for Direct Unsubsidized Loans.
- Federal Direct Student Loans are requested through BJU's Office of Financial Aid. To receive the loans, the student must also complete the Entrance Counseling and Master Promissory Note (MPN) at [www.studentloans.gov](http://www.studentloans.gov).

### Parent PLUS Loan

The Parent PLUS loan is available to parents of a dependent, undergraduate student to help fund his or her college education. Eligibility is based on credit history, not financial need, and parents may borrow up to the maximum cost of attendance (COA). Application for this loan can be made at [www.studentloans.gov](http://www.studentloans.gov).

## PRIVATE LOANS

Private student loan terms vary from lender to lender. You can use the ELMSelect comparison tool at [www.elmselect.com](http://www.elmselect.com) to review the private student loans currently available to students at BJU. This tool includes the Loan Estimator to help you determine what a private student loan payment might be.

## OTHER TYPES OF FINANCIAL AID

A few other types of aid are also available to families with college-bound students:

- 529 college savings plan\*  
A tax-deferred long term savings account established by a parent to pay for a child's education  
\*Bob Jones University does not participate in the prepaid tuition 529 state plans.
- Tax credits\*\*
- **American Opportunity Tax Credit:** Provides up to \$2,500 in tax credits on the first \$4000 of qualifying educational expenses for those who are eligible.
- **Lifetime Learning Tax Credit:** Provides a tax credit of 20 percent of qualifying tuition expenses for those who are eligible.
- **Student Loan Interest Deduction:** Interest on qualified student loans may be deductible  
\*\*For more information about tax credits for postsecondary students, please see a qualified tax professional.

## SATISFACTORY ACADEMIC PROGRESS POLICY FOR FEDERAL FINANCIAL AID AND VETERANS BENEFITS FOR UNDERGRADUATE STUDENTS

Federal and state regulations require that all students who receive financial aid must maintain Satisfactory Academic Progress (SAP) while working toward an eligible degree. The BJU SAP standards are measured in three areas: completion rate, cumulative grade point average (GPA) and maximum time frame. The standards of SAP apply to all institutional aid, federal, state and veteran benefits. Progress is measured at the end of each payment period, semester or summer, that a student is taking classes.

Students must meet all of the following requirements in order to receive financial aid:

### Completion Rate (applies to all students)

Completion rate is measured by dividing the number of attempted credits into the earned credits. A student **MUST** earn 67 percent of credits attempted to maintain SAP. The following are considered when evaluating a student's completion rate:

1. All courses in which a student remains enrolled past the Drop/Add period.
2. All transfer credits accepted by Bob Jones University toward the current degree (transfer credits come from two sources: other institutions and/or when a student changes from a bachelor degree to an associate degree).
3. Withdrawals (W, WF), incompletes and failures (grade F) are considered attempted but not earned credits.
4. For pass/fail courses:
  - a. Pass is considered attempted and earned credits.
  - b. Fail is considered attempted and not earned.
5. Repeated courses are included in the completion rate as follows:
  - a. A previously passed course may be repeated only once in order to improve the grade.
  - b. A failed course may be repeated as often as necessary in order to pass.
  - c. A course is considered passed even if the grade is not considered acceptable for a specific program, (e.g., receiving a D in a major course).
6. Remedial courses are included in the calculation of both attempted and earned credits.
7. Audited courses do not count toward the completion rate.

### Cumulative GPA

Students are required to earn a cumulative GPA of 2.0 or higher from courses taken at Bob Jones University in order to earn an associate or bachelor's degree from BJU. The GPA calculation includes all courses taken at BJUOnline, on campus and any approved transfer courses. Withdrawals (W and WF) are not included in the GPA calculation. In order to retain financial aid eligibility, a student must maintain a cumulative GPA as listed below:

Student's cumulative GPA based on the number of credits attempted must meet the criteria below:

- 1.6 for 24 or fewer credits attempted
- 1.7 for 25–48 credits attempted
- 1.8 for 49–72 credits attempted
- 1.9 for 73–96 credits attempted
- 2.0 for 97 credits attempted

## Maximum Time Frame for all majors

Students must complete their degree within a maximum time frame. This maximum time frame is met when the attempted credits equal 150 percent of the credits required for a degree program. For example, a student whose degree program requires 120 credits for graduation will be eligible for financial aid during the first 180 attempted credits as an undergraduate. All attempted credits are counted, including transfer credits accepted toward the degree, whether or not financial aid was received or the course work was successfully completed.

## Satisfactory Academic Progress (SAP) Status

Academic progress will be reviewed at the end of each payment period: fall, spring and summer. Students not meeting the SAP standards will be notified of their standing for the subsequent payment period.

## Financial Aid Warning

1. A student is placed on Financial Aid Warning for the payment period following the payment period in which he did not meet the SAP standards.
2. A student is eligible to receive financial aid funds during this payment period, but must meet the SAP standards by the end of the payment period.
3. At the end of the Warning period, if the student has not met the SAP standards, he or she will be notified that he or she is ineligible to receive financial aid for the next payment period.

## Financial Aid Ineligible

A student will be considered ineligible IF

- At the end of the Warning period the student does not meet the SAP standards and does not appeal the ineligible status.
- The appeal for probation is denied.

## Financial Aid Probation

A student is placed on Financial Aid Probation and will be eligible to receive financial aid for the next payment period IF

1. The student appeals the determination that he is ineligible and the appeal is approved (see Appeals Process).

AND

2. It is determined that he or she should be able to meet the SAP standards by the end of the probation period.

OR

3. An Academic Plan is established that establishes a specific point in time when the SAP standards will be met (see Academic Plans).

## Appeal Process

A student may appeal to the SAP Committee no later than five days after the start of the classes.

1. Student must submit to the Office of Financial Aid:
  - a. The Appeal form including:
    - i. Reason for an appeal may include, but is not limited to the following: health, family, catastrophe or other special circumstances as determined by the school.
    - ii. An explanation of what has changed that will ensure future success.
  - b. Documentation as required by the school to support the reason for the appeal.

2. The appeal will be reviewed by the SAP Committee.
  - a. A determination will be made to approve or deny appeal.
  - b. A determination will be made if an Academic Plan is required.
3. If the appeal is approved, the student will be notified that he or she will be on probation for the next payment period and must meet the SAP standards by the end of that period, or an academic plan must be signed by his or her advisor or an Academic Resource Center coach and submitted to the Office of Financial Aid.

*CAUTION: If the appeal has not been approved prior to registration, the student is responsible to pay the amount required to begin classes.*

### Academic Plans

If it is determined that a student cannot meet the SAP standards in one payment period, the student may submit an academic plan which establishes the required number of credits and required GPA for each payment period during which the student will continue to work toward the goal. The Academic Plan must be approved by the student’s advisor or a staff member from the Academic Resource Center. This staff member must be familiar with the student’s abilities and determine that the goal can be met in the time allowed.

### Reinstatement

A student’s eligible status will be reinstated once he or she has met SAP standards OR the individual has successfully appealed an ineligible standing. An undergraduate student in a bachelor program may change to an associate degree which will reset their financial aid status to eligible. The student must meet SAP requirements at the next evaluation period. If SAP requirements are not met, the student will then be placed on Financial Aid Warning.

### Student Work Program

Through BJU’s Student Work Program, students earn money working on campus during the academic year. Qualifying students work 5 to 25 hours a week (depending on jobs available). Earnings are paid biweekly and are applied to a student’s tuition account or paid in cash.

Campus job opportunities are available in many departments. Students in the program work for managers who are concerned for the students’ academic well-being and are flexible in accommodating class schedules. The University cannot guarantee work for all students and cannot guarantee that each student will earn the approved amount each week.

An application for a job may be made through [www.bju.edu](http://www.bju.edu).

The Student Work Program gives priority to undergraduate students living in the residence hall. International students are limited to a maximum of 19 hours per week, inclusive of all jobs combined during the entire academic year (including holidays and breaks).

A limited number of work students may also qualify for the Federal Work-Study Program, which is a federally funded aid program available to full-time students. See Policy Volume VI on the university intranet for additional information.

Weekly Hours	Net (2 weeks)	Weeks	Amount
5	\$71.27	32	\$1,140
10	\$136.07		\$2,177
12	\$161.21		\$2,579
15	\$198.62		\$3,178
20	\$260.54		\$4,169
25	\$321.83		\$5,149

# Academic

## INFORMATION

Bob Jones University is composed of six schools: the College of Arts and Science, the School of Religion, the Seminary and Graduate School of Religion, the School of Fine Arts and Communication, the School of Education, and the School of Business.

Please refer to the current Seminary and Graduate Studies Catalog for detailed information regarding graduate degree offerings, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.

## ACCREDITATION

### Regional

#### *Southern Association of Colleges and Schools Commission on Colleges*

Bob Jones University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master's, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Bob Jones University.

### National

#### *Transnational Association of Christian Colleges and Schools*

Bob Jones University is accredited by the Transnational Association of Christian Colleges and Schools. Inquiries regarding compliance with accreditation policies and standards may be directed to the Transnational Association of Christian Colleges and Schools, 15935 Forest Road, Virginia 24551; phone (434) 525-9539; fax (434) 525-9538; email: [info@tracs.org](mailto:info@tracs.org).

## CURRICULA & RESIDENCY REQUIREMENTS

### BJU Core

At Bob Jones University we believe that because all truth is God's truth, knowledge can be pursued in a way that honors God. This belief is the basis for the BJU Core, our unique combination of Bible and liberal arts courses. The BJU Core prepares students to embrace and defend a biblically based Christian faith and to integrate a biblical worldview into the social, intellectual and cultural facets of life.

The BJU Core curriculum contains the following goals for all students. Required credits and courses may vary depending upon the program. See school and division sections of the catalog for BJU Core courses required by each program. Transfer students may be able to satisfy BJU Core course requirements based upon transfer work evaluation and declared program requirements.



## Associate Degree Programs

The BJU Core curriculum requires 27 credits.

Core Goal <sup>1</sup>	Courses	Total Credits
Students will be able to demonstrate essential communication skills in reading, writing, listening and speaking.	En 102 Composition & Rhetoric (3) English Composition (3) • En 101 Composition & Grammar <sup>2</sup> • En 103 Composition & Literature Com 101 Fundamentals of Speech (3)	9
Students will be able to understand the history of our world and the major features of civilization, government and economics	SSE 200 Foundations of Economics (3)	3
Students will be able to identify and appreciate excellence and beauty as expressed in literature, music and art.	FA 125 Introduction to the Arts (1) Fine Arts Appreciation Elective (2) • Ar 225 Appreciation of Art • Mu 225 Appreciation of Music • ThA 225 Appreciation of Theatre & Film	3
Students will be able to understand the physical world as God's creation, as a stewardship given to man and as the physical expression of His glory.	Mathematics or Science Elective (3)	3
Students will be able to believe, explain and defend the essential doctrines of the Christian faith.	Bi 105 Old Testament Messages (1) Bi 109 New Testament Messages (1) Bi 230 Hermeneutics (3) Bi 240 Applied Christian Thought (3)	8 <sup>3</sup>
General requirement	Uni 101 First-Year Seminar (1) <sup>4</sup>	1

<sup>1</sup> Core goals in critical thinking, problem solving and biblical worldview shape the entire curriculum.

<sup>2</sup> English placement is according to ACT scores or placement testing. A grade of C or above is required in En 101.

<sup>3</sup> A student must have credit for Bi 230 Hermeneutics (3) and Bi 240 Applied Christian Thought (3). A Bible course must be selected by every student for each semester in residence until all degree requirements have been completed or four Bible courses have been completed satisfactorily. Students accelerating in their academic programs and completing all requirements in fewer than four semesters are accountable for four Bible courses. All transfer students must take at least two Bible courses at BJU regardless of the number of Bible courses transferred.

<sup>4</sup> Waived for transfer students enrolled at least one semester full time at another college.

The BJU Core curriculum generally requires 55 to 68 credits.

Core Goal <sup>1</sup>	Courses	Total Credits
Students will be able to demonstrate essential communication skills in reading, writing, listening and speaking.	En 102 Composition & Rhetoric (3) <sup>2</sup> En 103 Composition & Literature (3) English or Writing Elective (3) <ul style="list-style-type: none"> <li>• En 101 Composition &amp; Grammar<sup>2</sup></li> <li>• En 202 British Literature to 1688</li> <li>• En 203 British Literature since 1688</li> <li>• En 204 American Literature since 1607</li> <li>• En 205 American Literature 1607–1865</li> <li>• En 206 American Literature since 1865</li> <li>• Com 211 Expository Writing</li> <li>• Com 222 Fundamentals of Technical Writing</li> <li>• Com 323 Critical Writing</li> </ul> Com 101 Fundamentals of Speech (3) Communication course (2 or 3) <ul style="list-style-type: none"> <li>• Com 201 Public Speaking (3)</li> <li>• Com 205 Classroom Communication (3)</li> <li>• Com 303 Organizational Communication (3)</li> <li>• Com 410 Oral Communication for the Professions (3)</li> </ul>	14–15
Students will be able to understand the history of our world and the major features of civilization, government and economics.	Hi 101 History of Civ. c. 3500 B.C. to A.D. 1650 (3) Hi 102 History of Civilization since 1650 (3) SSE 200 Foundations of Economics (3)	9
Students will be able to identify and appreciate excellence and beauty as expressed in literature, music and art.	FA 125 Introduction to the Arts (1) Fine Arts Appreciation Elective (2) <ul style="list-style-type: none"> <li>• Ar 225 Appreciation of Art</li> <li>• Mu 225 Appreciation of Music</li> <li>• ThA 225 Appreciation of Theatre &amp; Film</li> </ul>	3
Students will be able to understand the physical world as God's creation, as a stewardship given to man and as the physical expression of His glory.	SC 200 Essential Science (3) Math/Computer or Science Elective (3) <sup>4</sup>	6
Students will be able to understand philosophy as man's attempt to define and organize truth.	Ph 200 Themes in Western Thought (3) Philosophy or Psychology Elective (3)	6
Students will be able to believe, explain and defend the essential doctrines of the Christian faith.	Bi 105 Old Testament Messages (1) Bi 109 New Testament Messages (1) Bi 230 Hermeneutics (3) Bi 350 Bible Doctrines (3) Bi 360 Bible Doctrines (3) Bible Elective (300/400-level) (2) Bi 499 Apologetics & Worldview (3)	16 <sup>3</sup>
General requirements	Uni 101 First-Year Seminar (1) <sup>5</sup> Foreign Language (12) <sup>6</sup> – Bachelor of Arts Degree Foreign Language (6) <sup>6</sup> – Bachelor of Music Degree	1 12 6

<sup>1</sup> Core goals in critical thinking, problem solving and biblical worldview shape the entire curriculum.

<sup>2</sup> English placement is according to ACT scores or placement testing. A grade of C or above is required in En 101 and En 102.

<sup>3</sup> A student must have credit for Bi 350 Bible Doctrines (3), Bi 360 Bible Doctrines (3) and Bi 499 Apologetics & Worldview (3). A Bible course must be selected by every student for each semester in residence until all degree requirements have been completed or eight Bible courses have been completed satisfactorily. A passing grade is required for 100- and 200-level Bible courses. A grade of C or better is required for 300- and 400-level Bible courses. Students accelerating in their academic programs and completing all requirements in fewer than eight semesters are accountable for eight Bible courses. All transfer students must take at least two Bible courses at BJU regardless of the number of Bible courses transferred. Transfer students with at least 12 credits of coursework from other institutions prior to attending BJU may be exempt from one of the 8 Bible courses.

<sup>4</sup> All students with math ACT score 17 or below must register for Ma 080 Liberal Arts Math Modules until they are successfully completed.

<sup>5</sup> Waived for transfer students enrolled at least one semester full time at another college.

<sup>6</sup> 12 credits of one language are required for the BA degree. Six credits of one language are required for the BMus degree.

## Baccalaureate Mathematics Proficiency

Because BJU is a liberal arts institution, a minimum proficiency in mathematics is expected on the baccalaureate level to enable students to reason quantitatively, solve problems analytically and apply critical thinking skills in the various disciplines throughout the BJU Core and in their degree programs, as well as in their future careers.

To aid toward this proficiency, math modules are available for students whose computational skills need to be further developed or refreshed to be successful and competitive in their chosen program. These modules are self-paced under the supervision of an instructor. Once registered for the modules, students will take proficiency pretests, administered by the math department, to determine actual module placement. Students are expected to complete the modules prior to their third semester of enrollment.

There are two branches of math modules, targeting students with different needs:

- Liberal Arts Math Modules (Ma 080) are designed to prepare students for quantitative and logical problems. Students with math ACT score 17 or below will be required to register for the Liberal Arts Math Modules their initial semester. Students who do not successfully complete the modules in one semester must register for the modules until they are successfully completed. These modules are also prerequisites for other courses.
- Math Preparatory Modules (Ma 090) are designed to prepare students whose program requires advanced math or science courses and who could benefit from a review of the foundational math skills necessary for success in these courses. Students in programs that require a math course and who have math ACT score 19 or below must pass both the Liberal Arts Math and Math Preparatory Modules prior to registering for the required math course (recommended completion during their initial semester to stay on track with the program requirements).

All math modules are zero credit and available for a fee during the term completed.

## Semester Credits & Grade Point Average

**Associate Degree:** At least 64 credits and a 2.0 cumulative grade point average must be earned for the associate degree. Students will declare a major in one of the academic schools offering an associate degree.

**Baccalaureate Degree:** At least 128 credits and a 2.0 cumulative grade point average must be earned for the baccalaureate degree. Students will declare a major of at least 36 credits in one of the academic schools and may declare a minor of at least 18 credits. A grade of C or better is required for major, minor and concentration courses.

## General Residency & Enrollment Requirements

At least one year in residence is required at BJU (in either an associate or a baccalaureate program), including the last semester for those who lack more than 11 credits in a baccalaureate degree program or for those who lack more than six credits in an associate degree program. Approval must be secured in advance from the registrar for final work to be transferred from another recognized college in fulfillment of one's degree requirements. If a baccalaureate student is in residence only one year, a full load of work must be carried and a GPA of 2.0 must be earned. For a baccalaureate student who is in residence only two semesters, the year's work will be construed as a minimum of 32 semester credits. If an associate student is in residence only one semester, a full load of work must be carried and a GPA of 2.0 must be earned. For an associate student who is in residence only one semester, a semester's work will be construed as a minimum of 16 semester credits. For residency purposes, as well as for all other academic uses, the summer session is construed as a part of the regular academic year; i.e., one summer of full-time study is considered to be equivalent to one semester of resident study. If all requirements toward a baccalaureate degree are not completed within six years after entrance, the student may be required to take additional courses. Any student who leaves BJU before completing all requirements for degree conferral is responsible to meet the catalog requirements which are in effect at the time of the student's re-enrollment.

A candidate for a baccalaureate degree must complete a minimum of 32 semester credits in at least two semesters in residence at BJU. A candidate for an associate degree must complete a minimum of 16 credits in at least one semester in residence at BJU.

## Graduate Approval for Seniors

Seniors in their last semester of enrollment who will be completing their bachelor's degree requirements and have a 2.5 cumulative GPA may register for one graduate course for graduate credit.

Seniors who will be pursuing a graduate program at BJU the next semester following the completion of their degree requirements must receive graduate approval from the Academic Council. Application is to be made through StudentCentral under the Academics menu option.

Note: Students desiring to enter a graduate program at BJU the next semester need to have all undergraduate degree course requirements completed by the Wednesday prior to the beginning of classes for the next semester.

## Program Options

### *Associate Degree Candidates*

Students have the option to complete a major, a double major or a second degree.

*Double Major:* Two majors within the same degree level and area (AS). The second major must contain a minimum of 30 unique, non-overlapping credits beyond the first major. All requirements for both majors must be completed. The degree for double majors is conferred on the same person in the same academic year.

*Second Degree:* After a degree has been conferred, one academic year of coursework is necessary before another degree from BJU can be conferred on the same person. Students desiring to pursue a second associate degree or a baccalaureate degree must complete a minimum of 24 credits through BJU following the completion of the associate degree.

### *Baccalaureate Degree Candidates*

Students have the option to complete a major, a major/minor combination, a major/double minor, a double major, a dual degree or a second degree. Select programs provide for concentrations in which selected coursework related to the major is proscribed which expands the students' knowledge, skills, compliances and values. Some programs provide advising tracks where a selection of course residing within the programs requirements and electives are recommended by a faculty advisor to prepare the student for a specific emphasis to achieve a goal or to prepare for graduate school.

*Major/Minor Combination:* For a minor, coursework is selected in a different field than the major's which expands the students' knowledge, skills, competencies and values.

*Major/Double Minor Combination:* Two minors selected in different field than the major which expands the students, knowledge, skills, competencies and values. The second minor must contain a minimum of 18 credits unique non-overlapping credits beyond the first minor. All requirements for both minors must be completed.

*Double Major:* Two majors within the same degree level and area (BA, BS/BSN, BFA, BMus). The second major must contain a minimum of 30 unique, non-overlapping credits beyond the first major. All requirements for both majors must be completed. The degree for double majors is conferred on the same person in the same academic year.

*Dual Degree:* Two majors in same degree level but different degree areas (BA, BS/BSN, BFA, BMus). The second major must contain a minimum of 30 unique, non-overlapping credits beyond the first major. All requirements for both majors and degrees must be completed. Two degrees are conferred on the same person in the same academic year.

*Second Degree:* After a degree has been conferred, one academic year of coursework is necessary before another degree from BJU can be conferred on the same person. Students desiring to pursue a second baccalaureate degree must complete a minimum of 30 credits through BJU following the completion of the first bachelor's degree.

*Note: Students desiring to enter a graduate program at BJU the next semester must have all undergraduate degree course requirements completed by the Wednesday prior to the beginning of classes for the next semester.*

## REGISTRATION & ENROLLMENT POLICIES

### Getting Started

#### *Academic Year*

The BJU academic year is divided into two semesters plus summer sessions. The semester hour is the unit of credit.

The most current version of the academic calendar may be found on the BJU website as well as in the current catalogs.

#### *Summer Sessions*

BJU offers undergraduate and graduate courses during the summer as well as via distance learning. A student is able to earn a maximum of 18 credits over the summer. Appointed members of the faculty will serve during the summer sessions. The schedule of courses with complete information for the summer sessions is available online.

Prospective students interested in attending the summer session should apply through [www.bju.edu](http://www.bju.edu).

#### *Initial Check-in*

Upon arrival at the start of Welcome Week, all students must check in at the Davis Field House. At check-in students claim their reservation for enrollment and receive materials as a student at BJU (e.g., Admission Certificate, ID card, information packet).

Students continuing residence enrollment from first to second semester do not receive a certificate but must check in at the Davis Field House to claim their reservation during posted check-in hours.

### Admission Certificate

For the initial term of an academic year in which a new student enrolls in residence, he or she receives this certificate upon claiming their reservation at check-in. The certificate provides each new student with their campus contact information (including residence hall room assignment), reservation status and academic information. Returning students' campus contact information is available on StudentCentral. For new and transfer students who did not attend summer orientation, the certificate lists placement tests and music auditions to be completed prior to seeing their advisor, based upon the declared major's first-year, first-semester requirements and whether or not they have had ACT scores reported to BJU. Admission Certificate replacements may be obtained at the Welcome Center (Student Center).

### Preparing to Register

#### *Course Offerings & Descriptions*

The curricula of the catalogs and the suggested class schedules are made up primarily with the degree student in mind. Although the schedules of courses presented in the catalogs are meant to be as nearly as possible an accurate account of the courses to be offered, BJU reserves the right to make any necessary changes at any time in the courses to be offered, amount of credit to be given or any other details.

Indicated after the description of each course in the respective catalogs is the semester in which it is normally offered and the amount of semester credit hours that it carries.

Credit is given in semester hours, each semester hour representing one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for the standard 16-week semester or a minimum of 32 hours of laboratory work with one hour of outside preparation work conducted by the student. Therefore, a class which meets for class work three hours a week for a semester will ordinarily give three semester hours of credit. A class which meets for classwork three hours a week and for laboratory work a minimum of two hours a week will give four semester hours of credit.

For distance learning courses, credit is similarly given in semester hours, each semester hour representing three hours of a combination of instruction, discussion, group work and individual student work.

### *Numbering of Courses*

Courses numbered from **100** to **199** are primarily for freshmen.

Courses numbered from **200** to **299** are primarily for sophomores.

Courses numbered from **300** to **399** are primarily for juniors.

Courses numbered from **400** to **499** are primarily for seniors.

Courses numbered from **500** to **599** are advanced courses primarily for juniors, seniors and graduate students. Whether undergraduate or graduate credit is awarded will be determined by the student's classification or the student's intent at the time he or she registers for the course. Students taking 500-level courses for graduate credit will demonstrate an advanced level of rigor in their outcomes, reading of the literature in the field, and research projects.

Courses numbered from **600** to **799** are primarily for graduate students pursuing master's degrees.

Courses numbered from **800** to **999** are primarily for advanced graduate and doctoral students.

### *Cocurricular Credit*

Cocurricular credit may be earned by accumulating a hundred participation points through various university-sponsored music groups or activities. A maximum of two cocurricular credits in any combination of areas may be earned during an academic year. Credit is awarded at the end of the academic year and counts toward electives.

### *Student Loads & Course Repeats*

A normal full-time undergraduate student load is 16–17 credits a semester; the maximum load is 20 credits (including distance learning work). The minimum full-time load for students is 12 credits. Any student who is permitted to enroll for additional credits above 18 will be charged for the additional credits at one-half the per semester hour rate. The basis on which overload permission is granted is the cumulative Grade Point Average (GPA) earned in work completed through the University. For a load greater than 16 credits, a student must have a cumulative GPA of 2.0 or above. BJU recommends that a student with a cumulative GPA less than 3.0 not take more than 18 credits. All loads are controlled strictly by the student's academic average. By restricting a student's load according to the foregoing regulations, BJU aims to enable the student to improve the quality of his or her work rather than to accumulate credits above the 128 required for degree conferral.

No student may register for or receive credit in transfer for more than 18 credits in one semester. The maximum amount of credit which a student may receive for work completed during the summer at BJU and/or elsewhere is 18 semester credits.

No course which has been completed with a grade of C or above at BJU may be repeated except as an audit. Permission to audit requires the approval of the registrar or the dean of the school involved. Any course repeated without this permission will be considered an audit, for which no grade will be given—although the course will count on the student's load.

The original course grade, as well as grades for repeat courses, is included on the student's transcript, and all course grades will be included in the student's cumulative GPA.

### *Internship Credit*

Students may obtain academic credit by participating in an internship program as provided by applicable academic divisions. By providing opportunities for internships on and off campus, BJU encourages students to broaden their learning experience and to explore career options in business, government, the arts and private agencies. All experiences are related to an academic area, and a faculty sponsor must approve the internship proposal in accordance with the procedures outlined below.

**General Eligibility:** To be considered for participation, a student must normally have completed 60 academic credits (including a minimum of 15 credits taken at BJU) and have a GPA of 2.3 or above. Interested students must submit an application and resume by appropriate deadlines.

**Credit Approval:** Internships earn variable academic credit; credit is awarded in accordance with the BJU Course Credit Hour Approval and Review Policy.

**Evaluation and Grading:** The supervising faculty member is responsible for the evaluation of the intern and the internship experience. All internships receive a letter grade in accordance with the BJU grading policy.

For additional information regarding the approval of internship sites, academic credit for internships and student compensation, see Policy Volume V on the university intranet.

### **Criminal & Drug Screen Notice**

Bob Jones University is committed to ensuring that students have the ability to benefit from the education received at BJU. Students and applicants should therefore be aware that certain affiliates associated with BJU might require that students placed in their facility for internships, clinical or educational experiences clear a criminal background check and/or drug screening prior to placement. A student whose background check is unsatisfactory may be prevented access to the internship or to the educational or clinical site; and as a result, the student may not have sufficient experience to successfully complete his or her program. Similarly, students whose drug screening reveals evidence of illegal drug use may be prevented access to the internship or to the educational or clinical site; and as a result, the student may not have sufficient experience to successfully complete his or her program. Additionally, state licensing boards may deny the individual the opportunity to sit for an examination if an applicant has a criminal history or a positive drug screen. BJU and its staff and faculty are not responsible for finding internship, educational or clinical placements for students who are rejected from potential opportunities because of criminal histories or drug use.

### **Coursework Taken Elsewhere**

Any currently enrolled student in good standing who plans to take work elsewhere during the summer with the intention of counting the work toward degree requirements in Bob Jones University must have the permission of the registrar before enrolling in such courses. Due to academic department requirements, the transfer of major courses may have a defined limit of transferrable courses. When this work is completed, the student should request a transcript to be mailed immediately to BJU. Students who fail to observe the regulations of BJU concerning work completed elsewhere may forfeit credit for the work. No grades of D, P or CR are accepted in summer transfer credit. A grade of B or better must be earned in any graduate class transferred. Once enrolled at BJU, Bible courses and specific core courses must be completed through BJU. Students will not receive approval to take the following courses at another institution: Bible, Philosophy, Abnormal Psychology or the following specific core courses: En 101, En 102, En 103, Hi 101, Hi 102, Sc 200, SSE 200, FA 101, Ar 225, Mu 225, DP 225, Com 101 and Ph 200.

A student may not be enrolled for any courses at any other institution while enrolled in classes at Bob Jones University, with the exception of approved distance learning work.

## Distance Education Limits

Undergraduate students must complete at least one full year in residency at Bob Jones University (see Policy Volume V on the university intranet for additional information). Unless taken through BJU, courses offered by distance learning must be approved by the registrar before they are taken. Any work of this nature taken during the time that the student is in residence must be counted as part of the student's load for that semester. Distance learning work does not fulfill residency requirements.

## Registering for Class

### *Registration & Advisory System*

One to two days are set aside at the beginning of each semester for registration. During this time each student is supplied with complete information regarding the class schedule and his or her own previous academic record. Each student is assigned to an advisor who assists him or her in making out a program of study. During the academic year a student may consult his or her advisor, dean, division chair, program coordinator, transition advisor or the Registrar's Office at any time concerning his or her course of study and future academic plans. Every degree candidate is furnished with a checksheet showing his or her exact standing in relation to degree conferral requirements. While everything possible is done to help the student plan his or her program correctly, the final responsibility for taking the courses which will fulfill the degree conferral requirements rests upon the student.

### *Registration Holds*

A student will not be permitted to register if there is a "hold" on his or her account. Obligations that can result in holds are most often financial (e.g., past-due accounts, including unpaid tuition and fees). Other holds may be related to academic standing (probation or suspension) or incomplete admission files (missing transcripts). To clear a hold, the student must contact the office that has issued the hold to find out what must be done to fulfill the obligation(s).

## Music Auditions, Placement Tests, Examinations & Evaluations

**Music Lesson Auditions:** Students taking music lessons for the first time at BJU or changing to a different music area must audition before registering for classes. An accompanist and other audition materials will be provided as needed. See the university website for specific audition requirements.

**Music Group Auditions (choirs, bands, orchestras, instrumental groups):** All students may audition for a music group. Auditions will take place at the same times and locations as the auditions for music lessons. Students desiring to join a music group may block hours during registration for rehearsal times. See the university website for specific audition requirements.

**Placement Tests:** Placement tests are given to determine the level of instruction for which a student should register. Students should take all placement tests that apply to them before registering for classes. Following each test, students will be informed which course(s) they should register for and/or waive.

1. **English Test:** Required of students who have no ACT scores.
2. **Mathematics Test:** Required for students who have no ACT scores and whose programs require a math course the initial semester of enrollment (e.g., engineering, science, math, etc.). Students who do not need a math course their first semester should wait until their ACT scores are available.
3. **Mathematics Proof Techniques Test:** Required of any student taking a 300-level or above math class. If the test is passed, MA 150 Introduction to Mathematical Reasoning will be waived. If the test is not passed, MA 150 is required before any 300-level or higher math class can be taken.



4. **Modern Language Tests:** Chinese, French, German and Spanish: Students taking a modern language course for the first time at BJU must take the appropriate placement test.
5. **Additional Music Tests:**
  - a. **Rudiments of Music Test:** Required of all incoming music majors or minors and any other students registering for MT 105 Theory I. If not passed, MT 099 Rudiments of Music (0 credit) must be taken during the same semester as MT 105.
  - b. **Music Theory Test:** Required of all transfer music majors. This test, along with an aural skills test, is also given to new undergraduate music majors who wish (on the basis of previous training in music theory) to exempt any part of music theory. Undergraduate students must also complete and pass the Rudiments of Music Test before taking the Music Theory Test.

## Examinations

Examinations are given as listed below:

1. **Final Examinations:** With the exception of music lesson examinations, written final exams for all undergraduate courses are administered on the last class day for courses taught on a block schedule or according to the final exam week schedule at the end of each semester.
2. **The Praxis Series:**
  - a. **Praxis Core Academic Skills for Educators:** Required of all students seeking teacher candidacy as a teacher education major and whose ACT composite score is 21 or below. The Praxis Core measures basic skills in reading, writing and mathematics and includes multiple-choice questions and an essay question on the writing tests. The tests are designed to evaluate the academic skills needed to prepare for a career in education. All three tests (writing, reading and mathematics) must be taken and passed. A student who fails one or more tests is required to retake only the test that was not passed. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).
  - b. **Praxis II Subject Assessments:** Required of all students completing a degree in teacher education. The Praxis II Subject Assessments measure knowledge of specific subjects that K–12 educators will teach, as well as general and subject-specific teaching skills and knowledge. Praxis II scores are used by the State Department of Education to determine a student's eligibility for licensure in South Carolina. Both the Subject Assessments and the Principles of Learning and Teaching Test must be taken and passed for licensure recommendation. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).

**Validation Examinations:** Students desiring advanced standing on the basis of academic work which BJU is unable to accept without examination may validate such work by examination during their initial semester of enrollment. A fee is charged for each validation examination. This procedure also applies to academic work taken in Bible schools which do not have an approved college department.

**Evaluations:** Various programs may require individual evaluations of a student's performance at certain milestones in his or her program to determine formal acceptance as a candidate for the degree.

## Auditing Courses

Students may, with the permission of the registrar, audit courses without credit. Audited courses will count toward a student's course load. Degree-seeking students may audit only one course per term.

Auditors of courses are required to follow the same registration procedures as students taking the courses for credit. Auditors do not receive grades or credits. Participation in class discussion and written work is permitted at the discretion of the course instructor. An audit course is included in a full-time student's tuition charge. Part-time students pay a reduced per credit charge for an audit course. The status of an auditor cannot be changed after the course has begun. BJU reserves the right to cancel an audit registration if class size exceeds space available.

Please note that a student may not take a course for credit after he or she has audited it; so if a student signs up for a course that is a required course in the student's degree program, the student cannot audit it. Also, if a student has been denied enrollment as a graduate student, the student may **not** audit a graduate course.

### Change of Course: Drop, Add & Withdrawal

After registration the student is given time to make any necessary adjustments in his or her schedule. See the Calendar of Events for the official drop/add period. All schedule changes are subject to a change fee. After the drop/add period students may drop courses when necessary, but no new courses may be added. Courses dropped during the first five weeks will receive a grade of "W." Courses may not be dropped during the final two weeks of regular classes or during final exams. A student who makes any changes in his or her schedule without following the correct university procedure will receive a grade of F for the course involved.

While withdrawing from a course in accordance with established procedures and timelines will have no impact on a student's GPA, a student's eligibility to continue receiving financial aid may be adversely impacted. Withdrawal can also potentially adversely impact a student's VA benefits, and for foreign students their immigration status. A student is therefore encouraged to consult with his or her academic advisor, the Registrar's Office and the Office of Financial Aid before withdrawing. Students are considered the responsible parties for any/all transactions processed against their academic records.

*Course Withdrawal for Medical Reasons:* Students who seek to withdraw from a course for medical reasons must submit medical documentation to the registrar. Students who are granted a medical withdrawal by the registrar after the last day to withdraw will receive a "W" grade for the enrolled courses.

### Prerequisite Overrides

In certain circumstances, the appropriate dean may approve a student's entering a course without having satisfied the prerequisite requirements. The dean's decision is final.

### Closed Class Permission

To register for a closed course that has reached its enrollment capacity, a student must request permission from the dean.

### Course Substitution & Waiver

Students are expected to satisfy all degree requirements. Only under unavoidable and exceptional circumstances will BJU permit a student to deviate from an academic program's requirements via a course substitution or waiver. When it becomes necessary to request a deviation from the prescribed course of study, the student must consult his or her dean. In preparing the request, the student is requested to be mindful of the following:

1. The course to be substituted must be in the same area as the required course or in a closely related area.
2. Substitution of a course for a previously failed required course is seldom granted.
3. Failure on the part of the student to schedule a required course is not sufficient reason for granting permission for a course substitution or waiver.

A student wishing to challenge the dean's decision must file a written appeal with the registrar within five business days of receiving the decision. Upon receipt of the appeal, the registrar will immediately bring the matter to the attention of the Academic Council. Within 10 business days of receipt of the appeal, the chair of the Academic Council will notify the student of the Academic Council's decision.

## Course Enrollments

Excluding private lessons, internships and independent study courses, no course will be offered in any of the undergraduate schools unless there is an enrollment of at least 10 students—unless an exception is made by the dean.

## Textbooks

In compliance with the Higher Education Opportunity Act, a listing of required and/or optional textbooks for courses is made available through the Bruins Shop and Textbook Store website (accessible through StudentCentral). Included on the website is the International Standard Book Number (ISBN) and retail price of every recommended or required book or supplemental material for all courses offered by BJU. If the ISBN is unavailable, the website provides the author, title, publisher and copyright date. If textbooks are not listed on StudentCentral two weeks prior to the start of classes, students should contact the instructor directly.

Students are free to choose where they purchase course materials. There is no obligation to purchase a textbook through the Bruins Shop website. The same textbook may also be available from independent retailers.

## MAKING ACADEMIC CHANGES

### Change of Major/Minor or Academic Program

Consult the BJU Catalog for major, minor and degree program options.

#### *Associate Programs:*

A student who wants to change his or her major to a different associate degree should go to StudentCentral and under the Academics menu option choose Major/Minor Change Request. After selecting a new major, the student should then see the transition advisor.

***Transferring to Baccalaureate Programs:*** An associate student wishing to change his or her major to a baccalaureate degree program should see the transition advisor.

1. ***Associate Placement:*** Students admitted to an associate degree based upon high school performance must meet the following qualifications:
  - a. Be a high school graduate or have passed the GED.
  - b. Have at least a 2.0 cumulative GPA toward an associate degree and be carrying at least 15 credits the semester application is made for transfer.
2. ***Previous Baccalaureate Students:*** Students who have been in a baccalaureate program previously and who changed or were admitted to an associate degree must meet the following qualifications:
 

Have earned enough additional quality points with grades of B or A in appropriate courses to compensate for any previous baccalaureate quality point deficiency and be carrying at least 15 credits during the semester that application is made for transfer.

#### *Baccalaureate Programs*

A student who wants to change his or her major or minor should go to StudentCentral and under the Academics menu option choose Major/Minor Change Request. After selecting his or her new major, the student should then see the transition advisor.

## Transition Advisor

Students who are contemplating a major change should meet with the transition advisor in the Academic Resources Center. The transition advisor can:

1. Review current academic process and course completion in connection with a proposed intended program.
2. Discuss the major requested and/or provide other major available options.
3. Obtain additional resources and/or schedule meetings with select faculty, alumni or deans.

The transition advisor seeks to ensure that the student is selecting an appropriate major for completion of a degree in a timely manner.

*Advisory Checklist:* Students who are contemplating a major change and desire to know how the change impacts the completion of a degree in a timely manner may request an advisory checklist from the transition advisor, at the Registrar's Office or through an academic dean. An advisory checklist will show:

1. How completed and/or currently enrolled courses satisfy the contemplated program requirements.
2. All outstanding course and/or checkpoint requirements, including credit hours needed.

An advisory checklist should be reviewed by both the student and the academic dean or registrar to facilitate the decision-making process by identifying possible checklist substitutions based on completed/outstanding courses and by understanding the impact of completing the new degree in a timely manner.

## Withdrawal from the University

All students who wish to withdraw from the University must notify the office of Student Life & Discipleship for completion of the requisite form and dissemination of the information to the appropriate offices. Students must understand that unlike a temporary leave of absence, a withdrawal is a permanent decision. Students who withdraw from BJU will need to reapply to the University should they wish to return, and readmission is not guaranteed.

Students who are granted a withdrawal after the last day to withdraw will receive "W" grades for all enrolled courses.

## Leave of Absence

An undergraduate student may request a Leave of Absence (LOA) from the University which, when granted, permits the student to maintain matriculated status although not in attendance and to resume study without applying for readmission. A student granted LOA is not considered to have withdrawn, and if the student is a Title IV recipient, no return calculation will be required. Upon the student's return from the leave, the student will continue to earn the federal student aid previously awarded for the period. Students who wish to leave and do not intend to finish their studies at BJU must go through the University's official withdrawal process. For complete details in regard to requesting and returning from a Leave of Absence, see Policy Volume V on the university intranet.

## KEEPING UP WITH YOUR STUDENT RECORDS

### Classification of Undergraduate Students

Academic classification is granted to all university students according to the following standards:

**Freshman:** Admission to BJU with freshman standing.

**Sophomore:** At least 28 credits and 52 quality points; all entrance deficiencies removed.

**Junior:** At least 62 credits and 120 quality points.

**Senior:** At least 96 credits and 188 quality points; reasonable prospect of completing the requirements for degree conferral in two additional semesters of work.

**Postgraduate Special:** Possession of a baccalaureate degree from an approved college or university but admitted as a special student not taking a program of study leading to an advanced degree. Students in this classification are limited to undergraduate courses. PGS students who are not graduates of BJU are to take Bible classes.

## Grading System

The following grading system is used by all schools of BJU:

A	Excellent
B	Good
C	Passing
D	Unsatisfactory
F	Failure
I	Incomplete
W	Withdrawn from course
WF	Withdrawn Failure
AU	Audit
NR	Not Reported
P	Passed
CR	Credit

Official standards of achievement for the various BJU courses are assigned by each of the divisions and departments of BJU and are announced to the students at the beginning of each semester.

## Quality Points

Quality points will be computed as follows, in all schools of BJU:

A	4 quality points per credit attempted
B	3 quality points per credit attempted
C	2 quality points per credit attempted
D	1 quality point per credit attempted
F	0 quality points per credit attempted
P	0 quality points per credit attempted

Students who enter with advanced standing are required to earn twice as many quality points as semester credits while they are in residence at Bob Jones University. Since an average of C is the minimum requirement for university degree conferral, no student who has less than a cumulative 2.0 GPA may consider himself or herself a candidate for a degree if his or her record fails to meet this minimum standard.

## Grade Reports

New and transfer students receive a four-week grade assessment of their initial semester at Bob Jones University.

All students are given an opportunity to evaluate their progress at approximately the midpoint of the semester.

Final grade reports are issued once each academic period (i.e., at the end of each semester). Any questions concerning the accuracy of a grade report must be submitted to the respective course instructor within 20 business days of the report issued. The course instructor will confer with the student within two business weeks thereafter and will review the records and evidence to determine whether any error or omission has occurred.

If an error has been made, the procedure described in the BJU Grade Change policy is followed. If the issue is not resolved between the student and the course instructor, the student must follow the procedures set forth in the BJU Academic Grievance and Complaint Policy.

Evaluation of student performance is the prerogative and responsibility of the course instructor. Students must be aware that in questions relating to the quality of that performance, the professional judgment of the faculty member is commonly accepted as authoritative by the University. An academic grievance is most likely to result in a change of grade for a course if it includes evidence that there was an error in computing the grade or that the grade was determined by standards improperly different from those applied to other students in the course.

Students who made an Incomplete (“I”) during first semester are required to make up or complete their work by the following March 1; the winter mini-session deadline is the following May 1. Students who make an I during second semester or summer are required to make up or complete their work by the following November 1. If the work is not completed by the required deadline, the I will be changed to an F. A student who makes up his or her work within the required time will receive a grade determined by the instructor.

### Missed Final Exams

Students who do not take the final exam must be given a zero when the faculty member computes the final grade. Students who miss an exam for legitimate reasons must secure permission from the registrar and make arrangements with the instructor to take the exam prior to the deadline to turn in grades. If the Registrar’s Office has been notified that the reason for missing the exam prohibits the student from taking the exam prior to the deadline, the instructor will be notified by the Registrar’s Office and an incomplete grade may be awarded.

### Transcripts

To order a transcript, a student/former student must make a request in writing to the Registrar’s Office. Please include full legal name, date of birth, year of last attendance and signature.

An official transcript must be mailed directly from Bob Jones University to the entity designated. Please include the name and address of the organization to which you wish the official transcript to be sent. An unofficial transcript may be sent directly to the student.

There is no charge for transcripts unless more than nine are requested at one time. Then the University will charge a fee per transcript, including the first nine.

The transcript is the University’s certified statement of a student’s academic record. It contains a student’s major and lists all the courses and grades earned in the terms attempted; the grade point average; and if applicable, a minor, transfer work, and notations of distinctions and degrees received. A transcript may be authorized for release on security paper as either official or unofficial at the written request of a student. The student’s account with Financial Services must be cleared before a transcript can be released. An official transcript is issued to a designated organization and bears the multicolored seal of BJU and the signature of the registrar. An unofficial transcript is stamped “Issued to Student.”

The usual processing time for a transcript request is 48 hours. (At the beginning or end of a semester, please allow one week.) Transcripts are sent by regular U.S. Postal Service. Any type of special handling will necessitate an additional charge that must be paid in advance.

Requests for transcripts must be submitted to:

Registrar’s Office  
Bob Jones University  
Greenville, SC 29614

## Academic Honors

### *Dean's/President's Lists*

Undergraduate students are eligible for honors during semester terms when carrying 12 or more credits.

- Dean's List for a grade point average 3.0–3.74
- President's List for a grade point average 3.75–4.0

Honors indication is noted on a student's grade report.

### *Graduation with Honors*

A candidate for the baccalaureate degree will be graduated with honors as follows:

- *cum laude* for a grade point average 3.50–3.74
- *magna cum laude* for a grade point average 3.75–3.90
- *summa cum laude* for a grade point average 3.91–4.0

The grade point average is based on the student's entire college program, and in computing the average, work taken elsewhere which has been accepted in transfer is considered at the same grade value as the institution where it was earned.

Honors indication is noted on a student's diploma and transcript.

## Revocation of Academic Credit or Degree

Bob Jones University certifies the academic achievement of its students through the awarding of course credits and, ultimately, formal degrees. Employers, graduate schools and other entities outside of BJU rely upon academic degrees to verify the knowledge and qualifications possessed by university graduates. As such, BJU maintains procedures to ensure that only those students who have completed their academic requirements in accordance with all university policies receive course credits or degrees. Despite these efforts, it is possible that some students who are ineligible to receive course credit or a degree may—because of administrative error, fraud or other misconduct—be erroneously awarded credit or a degree before the violation is discovered. In such cases, BJU reserves the right to revoke the credit or degree in question, regardless of the amount of time that has passed since the certification was issued. For the guidelines by which BJU processes credit or degree revocation for fraudulent application, academic dishonesty, disciplinary misconduct and administrative error, see Policy Volume V on the university intranet.

## ACADEMIC POLICIES

### Academic Integrity

A key aspect of Christlike character is integrity. In their academic lives, students exhibit integrity by being truthful about their own academic work and properly acknowledging sources of ideas and information.

### Cheating

Cheating in any form is not tolerated. Cheating includes:

- Copying from another student's test or assignment or allowing another person to copy one's own academic, research or creative work—whether intentionally or recklessly.
- Unauthorized provision or use of notes, textbooks or other unauthorized helps on a test or assignment—such as requesting or accepting answers on a quiz or test from another student who has already taken it, discussing test information to any extent with other students, transmitting quizzes or tests, or answers to quizzes or tests electronically to other students via cellphone, email, etc.
- The unauthorized use of electronic instruments such as cellphones, pagers or other mobile devices to access or share information.

- Changing answers after a test or assignment has been completed.
- Reporting false information about the completion of an assignment, including turning in someone's work as one's own (another student's, a purchased paper from an online source, etc.).
- The unauthorized completion of academic work for another person.
- The unauthorized collaboration with any other person on an academic exercise, including collaboration on a take-home or makeup academic exercise.
- Bypassing or attempting to bypass security measures or electronic assessments (e.g., passwords).
- Unauthorized use of a proctor who does not meet assigned criteria.

## Plagiarism

Another form of cheating is plagiarism, the intentional or unintentional use, to any degree, of the ideas or words of one's source material without proper acknowledgement. Plagiarism typically takes two forms:

**Substantial:** Failure to acknowledge the use of an author's ideas or organization by footnote or identification of the source in the text of the paper. Incomplete paraphrase (mere rearrangement of syntax and substitution of synonyms for the author's words) is plagiarism.

**Verbal:** Failure to acknowledge the use of an author's words by quotation marks as well as by footnote or identification in the text.

Plagiarism is theft, and the Scriptures are clear that we are to respect the property of others and to be honest and above reproach in all things (Exod. 20:15; Rom. 12:17; Heb. 13:18). Regardless of the source being used (internet site, book, database, magazine, newspaper, computer program, speech, class notes, handouts, etc.), *all* words and information from those sources must be presented accurately and acknowledged properly so that a student's integrity is not called into question and his or her testimony harmed.

### *Examples of appropriate and inappropriate handling of source material:*

**Original text:** "As Rome became involved in wars fought on many fronts and with many soldiers, supplying military provisions became a lucrative business. Usually the contractors were paid as soon as their work was completed. In a military emergency, however, they might be asked to accept a promise of deferred payment (probably with interest)." (Shelton, JoAnn. *As the Romans Did: A Source Book in Roman Social History*. New York: Oxford UP, 1988. 146–47. Print.)

**Unacceptable Paraphrase:** As Rome fought wars on many fronts and with many soldiers, supplying provisions to the military became a money-making business. Usually contractors were paid right away, but in an emergency they were asked to accept deferred payment (Shelton 146–47). [This paraphrase is inappropriate because it follows the same syntax (sentence structure) and uses many of the same words as the original.]

**Acceptable Paraphrase:** Dealing in military supplies was a profitable industry when Rome's armies grew and became entangled on multiple fronts. Although suppliers in times of crisis were willing to be paid on a delayed schedule, in most cases the Roman government was able to pay them immediately (Shelton 146–47). [Note different words and different syntax.]

**Plagiarism Checking:** Students should be aware that faculty members have access to software programs that allow them to check student writing for plagiarism.

Students may refer to *College Writing* (Chapter 5) and *Companion to College English* (Chapter 23) for more information regarding plagiarism and how to avoid it.

### *Sanctions for Plagiarism*

- Any student whose paper clearly exhibits plagiarism of substance or expression will receive an F on the assignment and may be required to submit a replacement assignment for no credit.
- If the course is one in which the preparation of an acceptable research paper is the main requirement, the student whose research paper exhibits plagiarism will receive an F in the course.



## Copyrighted Material

All original works in any media format (including, but not limited to print, video or audio) as well as images or materials on the internet are protected by copyright law, regardless of whether a specific copyright statement is attached to the media. Any duplication that does not fall within the guidelines of fair use requires permission from the publishing agent or copyright owner. Please see the BJU copyright guidelines for information regarding fair use (on the intranet under Academics).

## Other Types of Academic Integrity Violations

Other issues of academic integrity include collusion—cooperating with or assisting other students for the purpose of cheating; recycling—submitting work for which you have already received credit; sabotage—destruction or deliberate inhibition of progress of another student’s work; and falsification of data, information or records.

## Violations/Resolutions

Penalties for violations of academic integrity are usually academic but may also be disciplinary. Cheating on a final exam brings denial of re-enrollment. For additional information regarding penalties, resolutions and sanctions, as well as the appeals process for issues of academic integrity, see Policy Volume V on the university intranet.

## Class Attendance

The University’s mission includes instilling responsibility, dependability and punctuality in students. Training students in these virtues is accomplished in part through holding students accountable for their class attendance. The Class Attendance Policy makes clear to students expectations in regard to class attendance and the consequences of failure to fulfill these academic responsibilities. This policy also gives direction to the administration and faculty in formulating and implementing a reasonable structure for such accountability.

The University recognizes that there are valuable learning experiences outside of the classroom that may require a student to miss regularly scheduled classes. Therefore this policy makes provision for Service Absences.

## Undergraduate Student Responsibilities

Undergraduate students are expected to attend and arrive on time for all scheduled class sessions for each resident course in which they are enrolled, including final exams. Students are to use effective time management in order to meet their class attendance responsibilities.

### *Personal Absences*

Based on the number of times that a course meets each week during a semester, students are permitted a defined number of Personal Absences. The chart below defines the number of permitted Personal Absences.

Students apply Personal Absences for funerals, for sickness, for doctor’s or dentist’s appointments, for visits and interviews at graduate schools or for interviews for future employment. Personal Absences are not “skips.” Personal Absences are not provided so that students can prepare for other classes or extend official university breaks or simply because they do not feel well. Students should use Personal Absences only for genuine emergencies or contagious or debilitating illness. In order to conserve Personal Absences, students should work with doctor’s or dentist’s offices to intentionally schedule appointments during times when they do not have classes or chapel.

<i>Class meetings per week</i>	1 2 3 4 5	(Block)
Personal Absences allowed	1 2 3 4 5	0

Students who are withdrawn from courses due to excess class absences may lose student financial aid; also, in such circumstances, the visa status of international students may be jeopardized.

### *Service Absences*

Based on the number of times that a course meets each week during a semester, students are also permitted a defined number of Service Absences. Students may use these absences to attend approved academic functions or conferences, approved Christian service projects, required military duty or as part of an intercollegiate athletic team. However, students who exceed the Personal Absence limit due to a chronic illness are not eligible to participate in events that require Services Absences. Also, students who are on any type of academic restriction (including probation) or who have a current grade report with a cumulative GPA below 2.0 are not eligible to participate in events that require Service Absences. The chart below defines the number of permitted Service Absences.

<i>Class meetings per week</i>	<i>1 2 3 4 5</i>	<i>(Block)</i>
Service Absences allowed	1 3 4 5 7	0

Students should understand that they may not have enough Service Absences to participate in all the events that are offered in the courses and activities in which they are participating in a particular semester. Such a circumstance offers students the opportunity to learn that life at times will force them to make a choice between more than one desirable options. In such a situation, students are not permitted to exceed the number of permitted Service Absences for the course and so they must choose which service events they wish to participate in.

Students who participate in an event requiring a Service Absence are required to contact their instructors at least one week in advance of the absence to make up work that will be missed. Such students will be allowed to take any quiz or test either in advance of the absence or while traveling (with proper supervision by the faculty sponsor/coach). Such students are responsible to schedule presentations or speeches on days that they know they will not be traveling. Whether to allow students participating in these events to submit work after the due date without penalty is left to the instructor's discretion.

### *Partial Attendance*

Students who arrive up to 15 minutes after the start of class, or who leave class up to 15 minutes early, will receive a mark for Partial Attendance. Three Partial Attendance marks will count as a Personal Absence. Students who miss more than 15 minutes of a class period will be counted as absent.

### *Tracking Absences*

Students can view absences and the number of Partial Attendance marks that they have for a course in StudentCentral. StudentCentral also automatically sends emails to students to inform them when faculty have marked them absent or late for a class and to warn them when they have exhausted their Personal Absences, Service Absences or both. It is the responsibility of all students to monitor the record of their class attendance available in StudentCentral and to read the automated emails that inform them when instructors have marked them absent or late.

### *Chronic Illness*

Students who have a chronic illness (e.g., diabetes, asthma, migraines, etc.) and are absent from classes because of prolonged or recurring symptoms:

- are to secure a doctor's note stating that they have a chronic illness;
- are to present the note to the Student Services Hub in advance or within two business days of returning to classes after an illness-related absence;
- are to inform instructors in their courses that they have a chronic condition

For future absences because of the same chronic illness, the student is to email the Student Services Hub (hub@bj.edu) the following information within 24 hours of a missed class:

- Name and ID #
- A statement indicating that the reason for the absence is a chronic condition with a doctor's note already on file
- Date and class(es) missed

Students with a chronic illness are to keep their class absences to a minimum. Students with chronic illnesses may use the total of both Personal Absences and Service Absences. However, students who exceed the Personal Absence limit due to a chronic illness are not eligible to participate in events that require Services Absences. Students who exceed the total of both Personal Absences and Service Absences will be withdrawn from course(s) and/or the University.

Doctor's notes for chronic illness are valid for the current academic year. For continuing illness, a new note is required each academic year.

## Accountability and Appeal Policy and Procedures

### Withdrawal

Students who exceed the permitted number of Personal and/or Service Absences in a course will be withdrawn from that course:

- *Withdrawal Due to Exceeding Personal Absences:* Students who exceed the number of Personal Absences in a course will be withdrawn from that course. StudentCentral and email will inform students and their instructors that they have exceeded the number of permitted Personal Absences and that they have therefore been withdrawn from that course. There are only two exceptions to this policy:
  - The student is absent from a class due to chronic illness excused by a note from a doctor. In this case, the student will be permitted to use one or more remaining Service Absences. See above for additional policy and procedures in regarding to chronic illness.
  - The student is absent from a class due to tragedy such as the funeral of a close family member. In this case, the student will be permitted to use one or more remaining Service Absences.
- *Withdrawal Due to Exceeding Service Absences:* When students exceed the number of permitted Service Absences for a course, one of their remaining Personal Absences will automatically be used to cover the absence. However, students who are absent from class after they have exhausted both the Personal Absences and Service Absences available for that course will be withdrawn from the course.

### Appeals

1. *Absences:* Because absences are a serious issue and may result in withdrawal, students should carefully monitor their absences and immediately clear up inaccuracies in their attendance records. Students may request a review of the accuracy of absences or Partial Attendance marks directly with the instructor for the course within two business days of being notified of the absence or Partial Attendance in StudentCentral.
2. *Course Withdrawal:* When a student is notified of withdrawal from a course, the student may seek to be reinstated in the course by talking with the registrar. The procedure in this case includes the following steps:
  - Within two business days of being notified of the withdrawal, the student should visit the Student Services Hub to set up an appointment with the registrar; if possible the appointment will be scheduled within two days. The student should continue to attend class while he or she appeals the withdrawal.
  - The Hub staff member will contact the instructor of the course and ask him or her to submit a recommendation regarding the student before the scheduled appointment between the student and the registrar. This recommendation gives the instructor the opportunity to share his or her knowledge of the student's effort, conduct and progress in the course as well as any extenuating circumstances.

- During the student's appointment with the registrar, the registrar will pay particular attention to the recommendation of the instructor. If the appeal is decided in the student's favor, the registrar will make clear to the student that any further absences in the course will result in immediate withdrawal from the course. If the policy is upheld, the registrar will confirm the student's withdrawal from the course with the student and with the instructor of the course.

### Class Deportment

Appropriate class deportment is a matter of self-control. Students are expected to be attentive in class. Talking, reading, studying other materials, text messaging, writing letters and sleeping are inappropriate. Students using a laptop or handheld device may use it only for functions the instructor deems pertinent to the class they are in—not for answering email, playing games, browsing the internet, participating in social media sites or working on assignments for other classes. Water and other beverages in covered containers may be brought into the classroom at the discretion of the instructor.

### Relationships in the Classroom

BJU students are brothers and sisters in Christ and should treat one another with respect, both inside and outside the classroom.

While instructors are in a position of authority in the classroom, students and instructors are also brothers and sisters in Christ ... and in the event of some form of disagreement should approach one another respectfully and in accordance with biblical principles. Appropriate discourse in a reasoned fashion is part of the education process; and strong opinions informed by fact, logic, spiritual maturity and biblical insight are valued. At the same time, disagreement over ideas and other academic issues can occur. Students are not just welcome but invited to discuss any matter with their instructors. In particular, if a student wishes to discuss an area of disagreement with an instructor, he or she should go directly to that instructor outside of class and respectfully present his or her concerns without fear of academic penalty. Airing complaints publicly in venues such as social media is not an appropriate means of resolving an issue.

### Class Cancellations

On rare occasions, it may be necessary to cancel a scheduled class due to inclement weather or an instructor's inability to meet a class.

***Inclement Weather Cancellations:*** Unless announced via email; television stations WYFF Channel 4, WHNS Fox Carolina 21 or WSPA Channel 7; or radio stations WORD 106.3 FM or WYRD 1330 AM, classes will continue as usual on days of inclement weather.

***Faculty Member Decision to Cancel Class:*** When an instructor is unable to meet a class because of illness and unable to arrange for a substitute, an official notice with this information will be posted outside the assigned classroom.

### Classroom Courtesy

Professional responsibility requires prompt and regular attendance of course instructors at their classes and other assigned duties. Classes are to begin and end promptly. Students are free to assume that a class has been canceled and may leave if the instructor is not present within 20 minutes of the usual starting time unless the instructor has established an alternate procedure.

## DEGREE CONFERRAL

### Prospective Graduates

***Juniors and Seniors:*** Students within 50 credits of completing their degrees by May or August of the current academic year or by the following December should also plan their extended schedules (next semester and/or the summer) to ensure that all degree requirements can be completed without

conflicts. *Advisors are asked to discuss with juniors and seniors their goals for completing degree requirements so that these students can plan accordingly.*

**Anticipated Conferral:** The month and year is listed on the Profile page and Checksheet if the student declared his or her intent to graduate.

**Graduate Approval for Seniors:** Seniors in their last semester of enrollment in a bachelor's degree program who wish to take one graduate course for graduate credit or enter a graduate program at BJU the next semester must receive graduate approval from the Academic Council. Application must be made at the Registrar's Office.

**"December Graduate":** "December grad" is a misnomer because BJU does not confer degrees in December. These individuals have either completed all of their degree requirements and will have their degree conferred in May or have completed their residency requirements and—with prior approval—will be completing their remaining course requirements by distance learning or from another institution.

**Diploma Orders and Graduation:** Students completing degree requirements in December, May or August must complete a diploma order. Under certain circumstances a candidate for a degree may be permitted to participate in the commencement procession prior to completion of all coursework or requirements.

The student must use his or her *full legal name—absolutely no initials.*

*Note:* February 1 is the last day to cancel a May diploma order without paying the graduation fee. Diploma changes must be made at the Registrar's Office. Students whose conferral date is changed after February 1 will be charged a \$40 reorder fee.

A woman who is married prior to the conferral of her degree may opt to use either her maiden or married last name. Example: first, middle, maiden OR first, middle and/or/both maiden, married.

**Deficiencies:** Any deficiencies listed on a student's checksheet must be made up before he or she may receive a degree from BJU.

## Commencement Information for Graduating Students

Bob Jones University confers degrees in May and August with one commencement ceremony (in May) each year. Commencement activities are scheduled for Thursday and Friday.

All students finishing degree requirements in December are encouraged to return to the campus to participate in commencement. Prospective graduates not in residence second semester will receive information about commencement around mid-March. This information will include a commencement participation questionnaire that is to be returned to the Registrar's Office by April 15.

Eligible prospective graduates who are in residence second semester and are receiving their degrees in May are to participate.

Students completing degree requirements during the summer for an August degree conferral may be eligible to participate in our annual May commencement procession and should review the Procession Concession requirements for eligibility. August degrees will be conferred on the Friday prior to the official opening of the school for the fall term.

**Coursework Away Second Semester** (either by distance learning or in residence): In order for a student to participate in commencement, the following course completion and grade reporting deadlines to the Registrar's Office must be observed:

All coursework taken in residence or by distance learning at another institution must be approved in advance based on submission of a Transfer Work Request form to the Registrar's Office. Grades for any coursework taken from another institution must be reported to the Registrar's Office by 5 p.m.

on the Monday prior to commencement in order for the student to participate in the commencement procession. BJU will accept a phone call from the school indicating satisfactory completion of the course for the purpose of marching; however, an official transcript must be received before the diploma can be released.

*Note:* Some institutions take three to four weeks to process and report grades.

Students who have an outstanding Incomplete in any course, including distance learning courses in progress but not completed, will not be eligible to participate in the commencement procession.

### Procession Concession Eligibility Requirements

BJU wants all students finishing degree requirements to have the opportunity to participate in commencement. Because the University conducts only one commencement each year (in May), some students may have completed applicable residency requirements or will complete them in BJU's summer session, but may not have completed all of their course or checkpoint requirements by the deadline for participation in the commencement program. Many students finishing requirements for their degree during the summer will qualify to participate. To be considered for a Procession Concession, the student must meet the following academic criteria and be planning to complete all outstanding degree requirements prior to the August degree conferral date. (Summer degrees are conferred the Friday prior to the official opening of school for the fall term.)

#### *Associate Degree Candidates:*

- Have a minimum 2.0 cumulative GPA.
- Have completed applicable residency requirements or will complete in BJU's summer session.
- Lack six or fewer credits scheduled through BJUOnline classes or another approved institution.

#### *Baccalaureate Degree Candidates:*

- Have a minimum 2.0 cumulative GPA.
- Have completed applicable residency requirements or will complete in BJU's summer session.
- Lack 11 or fewer credits scheduled through BJUOnline classes or another approved institution.
- May lack recital or show if check has been successfully passed.

#### *Master's Degree Candidates:*

- Have a minimum 3.0 cumulative GPA (2.6 GPA for MDiv).
- Have completed applicable residency requirements.
- Lack credits scheduled through BJU or another approved institution in residence or via online class.
- May lack MA Religion Comprehension Exam or Portfolio.

The following do not fulfill Procession Concession qualifications: language proficiencies or thesis/dissertation.

## UNDERGRADUATE ACADEMIC RESTRICTIONS

### Academic Record Review & Academic Restriction Status for Associate & Bachelor's Degree Programs

The academic record of every undergraduate student will be reviewed at the end of each semester to ensure that each student is meeting the minimum degree requirements. Students who do not meet minimum degree requirements may be put on limited load, academic probation or strict academic probation. Students on academic probation or strict academic probation who do not make sufficient academic progress may be dropped from their bachelor's program; in some circumstances these students may continue in an associate program, but in other cases they will be dropped altogether for poor scholarship. For complete information regarding students who do not meet minimum degree requirements, see Policy Volume V on the university intranet.

## 16-credit Limited Load

Students with less than a 2.0 cumulative GPA but not on academic probation may carry a maximum 16-credit load. A student is removed from limited load at the end of any academic period when his or her cumulative GPA is 2.0 or above. A student's load is limited so that he or she is not put in jeopardy of being placed on academic probation. Students desiring to carry more than a 16-credit load must have a cumulative GPA of 2.0 or above. Students on limited load are not eligible to take online classes.

## Academic Probation

Students are placed on academic probation when they fall behind more than 9 quality points or their cumulative GPA falls below the following levels:

Attempted Credits	GPA
20 or fewer	1.5
21–32	1.6
33–50	1.75
51–62	1.8
63–80	1.85
81 and above	1.9

During the first semester admitted or placed on academic probation, students are required to take Uni 093 Academic Management Seminar. A grade of P must be earned in this course or the course must be retaken in the subsequent semester. The course may not be dropped without the permission of the registrar. Academic probation helps students avoid putting themselves in jeopardy of being dropped for poor scholarship by limiting their academic load and extracurricular activities, thus allowing them to devote more time to earning grades of B or A and consequently raising their cumulative GPA to 2.0 or above. A student is removed from academic probation at the end of any academic period (semester or summer session) in which his or her cumulative GPA is 2.0 or above as long as the student has earned a cumulative total of 12 or more credits at that time. A student who has previously been on academic probation will automatically be returned to academic probation status if his or her cumulative GPA falls below 2.0.

A student on academic probation has the following limitations:

- Required to take Uni 093 Academic Management Seminar if he or she has not already had the class.
- 14-credit academic load (except associate trade program); work program students should also limit their work schedules with their work supervisors.
- Not eligible for planned absences from classes.
- Not eligible to hold a major office in any university organization.
- Not eligible to participate in intramural or intercollegiate sports practice or competition, either as a player or a coach.
- Permitted to participate in only one university-sponsored cultural or fine arts activity (such as band, orchestra, choir, Opera Association or Classic Players).
- Not eligible to take online classes.

## Strict Academic Probation

Students are placed on strict academic probation when they have been on academic probation for two consecutive semesters or have a 17-or-more quality point deficiency. A student is removed from strict academic probation at the end of any academic period (semester or summer session) in which his or her cumulative GPA is 2.0 or above as long as the student has earned a cumulative total of 12 or more credits at that time. A student who has previously been on strict academic probation will automatically be returned to strict academic probation status if his or her cumulative GPA falls below 2.0.

In addition to the academic probation limitations, students on strict academic probation:

- Must meet with the registrar or their academic dean at the start of their first semester on strict academic probation to discuss the urgency of their academic situation.
- May not preregister for the next semester until their grades at the end of the semester have been reviewed. Once grades have been reviewed:

If they have earned additional quality points (grades of B or A) with a semester GPA of 2.1 or above, they may continue in their current degree program.

If they have lost any additional quality points, they may be dropped for poor scholarship.

### Bachelor's to Associate

At the end of each semester, the academic records of students on academic or strict academic probation are reviewed. Students who fail to earn additional quality points with grades of B or A to raise their cumulative GPA are dropped for poor scholarship. Students dropped from a bachelor's program may continue in an associate program. These students receive "academic forgiveness" and are given a fresh start—with no quality point deficiency toward determining their GPA in an associate program.

For the first semester in an associate program, these students are identified on their checksheets and in the probation status as Bachelor's to Associate. Although this status has no academic or extracurricular limitations, these students will need assistance concerning time management and study skills to meet the academic challenges they face so that they can successfully complete an associate degree.

*Note:* Bachelor's to Associate students must take Uni 092 Academic Coaching during their initial semester of enrollment in an associate program unless the course has been previously taken and passed.

### Dropped for Poor Scholarship

Students on academic probation or strict academic probation who fail to earn additional quality points with grades of B or A to raise their cumulative GPA may be dropped for poor scholarship.

Factors considered for being dropped for poor scholarship include the size of the quality point deficiency, the number of semesters on academic probation, the number of semesters enrolled, and whether a student has been able to earn grades of B or better. The combination of these factors is considered for eligibility to continue in the declared degree program. A student with a quality point deficiency of more than 20 is a candidate for being dropped.

Students in a bachelor's degree program who are dropped for poor scholarship have an opportunity to pursue an associate degree. Grades of C or better will be applicable toward the requirements in that program. Prior grades of D or F would not be part of the associate degree record; therefore, students can continue with a brand-new GPA.

Students in an associate degree program who are dropped for poor scholarship are not eligible to continue enrollment at BJU.

## FAMILY EDUCATIONAL RIGHTS & PRIVACY ACT (FERPA)

Bob Jones University complies with the Family Educational Rights and Privacy Act (FERPA) of 1974 (Public Law 93-380), which affords students certain rights with respect to their education records.

They are the right to:

- Inspect and review the student's education records.
- Request the amendment of the student's education records.
- Consent to disclosures of personally identifiable information.
- File a complaint with the U.S. Department of Education.

Students are notified of their rights annually through StudentCentral, BJU's student academic portal. Students accept or waive their rights under FERPA once a year and have the opportunity to update



that choice at any time. Additional information and university policies regarding the protection of student records are published online in StudentCentral. Also see Policy Volume II on the university intranet for information on the procedures for inspecting student records or requesting amendment of student records.

## STUDENT INTELLECTUAL PROPERTY

The term “intellectual property” refers to creative works, such as works of an artistic nature (literature, art, music, performances, broadcasts, etc.), software, inventions, trademarks, etc. For the most part, students own the intellectual property they generate in the course of their studies at Bob Jones University. There are a few exceptions to this, such as:

1. If the student was paid by BJU to produce the work in question as part of BJU employment or through grant or contract funding secured through BJU, then that intellectual property would be owned by BJU; or
2. If the student and BJU entered in an agreement defining ownership of student intellectual property as not the student's. Such an agreement would need to have been entered into before any work started. This is done in certain cases where there is a corporate sponsor of student class projects. For such cases the student needs to be aware of what rights he or she has to use the intellectual property he or she generates as part of the sponsored project.

### Use of Student Intellectual Property

BJU cannot use student-owned intellectual property without first obtaining permission from the student, other than for reviewing, providing feedback and marking assignments the student submits as part of course and other project work, and the use of such student work for the purpose of assessing courses and programs.

### Students as Creators of BJU Intellectual Property

There are situations where intellectual property developed by a student would be owned by BJU. This would occur if the student was paid by BJU to perform certain work and was the inventor or author of a creative work that came or resulted from that paid work. The student, as the inventor or author of BJU-owned intellectual property, would be covered by the BJU Intellectual Property Rights and Ownership Policy in such cases.

## ACADEMIC COUNCIL

The purpose of the Academic Council is to lead and direct the academic program of Bob Jones University and oversee the University's curriculum. Among its wide and varied responsibilities, the council approves the addition and deletion of new programs and courses, oversees faculty loads, recommends faculty for the school's professional development and educational loan program, approves graduate applications, recommends and/or approves new academic policies related to the school, reviews and makes recommendations stemming out of the departmental program reviews, and reviews the records of students who may have to be dropped because of poor scholarship.

The council is a clearinghouse for faculty and administrative academic recommendations in the areas of implementing technology in the classroom, improving academic facilities, identifying qualified faculty, and developing and reviewing academic policies. The Academic Council serves as the final arbiter for any exceptions to the academic programs of a student. The council also guards against overlap and duplication of courses and program requirements.

## STUDENT GRIEVANCES & COMPLAINTS

### Academic Grievances & Complaints

Students are free to speak with instructors to express concerns about final grades. If a student does not feel that his or her instructor has resolved the issue satisfactorily, he or she may express in writing a grievance or complaint to the dean of his or her college/school. If the complaint is against the dean or involves any other academic matter, the student may appeal directly to the office of the provost, as described below.

If the student does not feel that such a course resolves the issue, he or she may submit a letter of Inquiry/Complaint to the office of the provost. When the office of the provost receives a formal letter of Inquiry/Complaint, the provost will convene the Administrative Hearing Committee to consider the inquiry/complaint. The Administrative Hearing Committee will conduct an appropriate investigation and will render a written explanation/decision within 30 days of the filing of the inquiry/complaint to both the student who made the complaint and the vice provost. The office of the vice provost will keep a record of all student complaints and documentation of how they were handled.

If the student making the inquiry/complaint is not satisfied with the outcome of the process, he or she may appeal to the president of the University. The decision of the president is final.

### Disability Grievances & Complaints

Any student currently enrolled at BJU who believes he or she has been discriminated against or harassed on the basis of disability by a university employee (e.g., administrator, faculty, staff, adjunct faculty or other agent of BJU), university student, or, in certain circumstances, by a visitor to the University, may use the BJU Disability Grievances and Complaints Policy (see Policy Volume II on the university intranet) and/or file a formal discrimination complaint pursuant to the BJU Discrimination and Harassment Policy (see Policy Volume II on the university intranet).

### Program Integrity Complaints

U.S. Department of Education Regulation 34 CFR 600.9, the “Program Integrity Rule,” was adopted to ensure that students have the opportunity to voice concerns relating to programs offered by postsecondary educational institutions authorized under Title IV of the Higher Education Act, as amended. The regulations require states to provide the opportunity for students to lodge the following types of complaints:

1. Allegations of state consumer protection violations including, but not limited to, fraud and false advertising.
2. Allegations that state laws or rules addressing the licensure of postsecondary institutions have been violated.
3. Allegations regarding the quality of education or other accreditation requirements.

In compliance with the Federal Program Integrity Rule, BJU has listed multiple alternatives for individuals who wish to submit complaints regarding the above. BJU expects that any student complaint will be filed in accordance with any procedures currently in place at the institution before resolution is sought from a state agency or the University’s accreditation body. In the absence of a procedure, the complaint should be filed with the office of the president for appropriate referral.

### Filing a Complaint with BJU

BJU has adopted a general student grievance and complaint procedure to address and resolve questions and concerns students may have relating to the Program Integrity Rule. Please see Policy Volume VI on the university intranet for additional information.

## For Complaints Alleging Consumer Fraud

### *South Carolina Department of Consumer Affairs*

The South Carolina Department of Consumer Affairs (SCDCA) is the state consumer protection agency and has the role of receiving and mediating consumer complaints. SCDCA encourages consumers to contact the business first to try and resolve a complaint. If you have a consumer question or would like to file a complaint, please contact the SCDCA.

[www.consumer.sc.gov/consumer/ComplaintInstructions/Pages/default.aspx](http://www.consumer.sc.gov/consumer/ComplaintInstructions/Pages/default.aspx)

### *For Complaints Regarding State Licensing of Postsecondary Institutions*

#### ***South Carolina Commission on Higher Education***

1122 Lady St., Suite 300  
Columbia, SC 29201

Phone: (803) 737-2260

Fax: (803) 737-2297

[www.che.sc.gov/CHE\\_Docs/AcademicAffairs/License/Complaint\\_procedures\\_and\\_form.pdf](http://www.che.sc.gov/CHE_Docs/AcademicAffairs/License/Complaint_procedures_and_form.pdf)

### *Filing a Complaint with BJU's Accreditation Associations*

Bob Jones University is accredited by the Southern Association of Colleges and Schools Commission on Colleges. Inquiries regarding compliance with accreditation policies and standards may be directed to the Commission on Colleges

1866 Southern Lane  
Decatur, Georgia 30033

Phone: (404) 679-4500

Fax: (404)679-4558

Email: [questions@sacscoc.org](mailto:questions@sacscoc.org)

Bob Jones University is accredited by the Transnational Association of Christian Colleges and Schools. Inquiries regarding compliance with accreditation policies and standards may be directed to the Transnational Association of Christian Colleges and Schools

15935 Forest Road  
Forest, VA 24551

Phone: (434) 525-9539

Fax: (434) 525-9538

Email: [info@tracs.org](mailto:info@tracs.org)

### *Complaints Arising Outside of South Carolina*

Students participating in a BJU educational program outside the State of South Carolina, such as through distance learning, may choose to avail themselves of state processes for complaints related to institutional licensure and consumer protection in that state. The following website provides contact information for various states: [www.sheeo.org/node/434](http://www.sheeo.org/node/434).

Please note, however, that many states require a showing that an attempt was made to resolve the complaint with the institution directly.

### *Filing a Complaint Concerning Discrimination*

Bob Jones University does not discriminate on the basis of race, color, sex (including pregnancy), national origin, age, disability, veteran status or genetic information. The following person has been designated to handle inquiries regarding the non-discrimination policies:

Title IX Coordinator  
1700 Wade Hampton Blvd.  
Greenville, SC 29614

Phone: (864) 770-1374

Email: [titleix@bju.edu](mailto:titleix@bju.edu)

# Student LIFE

## STUDENT CONDUCT

Within the context of a liberal arts education, the mission of Bob Jones University is to help students develop Christlike character that is manifested in a scripturally disciplined life, service to others, love for God, sharing of the Gospel, and biblical discernment about what God values for eternity. Accomplishing healthy discipleship requires an edifying campus atmosphere and an environment that promotes spiritual growth.

In order to maintain such an environment, BJU bases its system of accountability and correction on the functions of Scripture taught in 2 Timothy 3:16: teaching, reproof, correction and training in righteousness. The goal is to develop “complete” Christians fully equipped for every good work (2 Tim. 3:17).

In executing correction BJU is interested in the student’s long-term spiritual success. The University recognizes that while the total campus community—students, faculty and staff—continually battles the flesh on an individual basis, when the Holy Spirit is at work in the believer’s heart, spiritual growth and sanctification take place.

## STUDENT ACTIVITIES & ORGANIZATIONS

### Student Activities

#### *Art Exhibits*

Art connoisseurs, industry professionals and art-lovers of all kinds enjoy the many art exhibits throughout the academic year. Scheduled each year are regionally and nationally recognized guest artists, exhibitions of work by BJU Art and Design alumni, juried competitions, and exhibitions of student work. Highlights of the year’s exhibition schedule include the group exhibitions by seniors in the Studio Art; Fashion Design; Interior Architecture and Design; Graphic Design; and Photography programs. In addition, two overall student competitions are displayed each year: the Midyear Classwork Show in December and the Art and Design and Photography Contests in April. Student work is often for sale at these exhibitions. Art exhibits are held in the Sargent Art Building, which is part of the Gustafson Fine Arts Center.

#### *BJU Heritage Day*

One day is set aside each year in October to remember the rich heritage of Bob Jones University. The blessing of God upon BJU is evident in the lives of the many godly men and women who have served as the faculty and staff since the school’s founding. The day features a special chapel service that includes personal memories of Dr. Bob Jones Sr., Dr. Bob Jones Jr. and the many others who have been vital to the history of this ministry. These programs often include video and audio clips from the early days of BJU.

### *Bruins Spirit Week/Day*

In a show of unity and pride during specifically defined days of the academic year, Bruins gear is worn and special activities are planned. The week or day culminates with home Bruins intercollegiate games. Go Bruins!

### *Center for Global Opportunities*

The Center for Global Opportunities exists to promote a vision for and participation in 21st century gospel expansion. Bob Jones University is a community of over 3,500 believers, with students pursuing over 70 different degree programs, representing six academic schools—but we all have one Great Commission. Enlisting the University family in Gospel-centered activity locally and around the world, the Center for Global Opportunities is a hub which synergizes all the creativity, passion and skills nurtured in a liberal arts environment and engages it to impact the world by making disciples of Jesus Christ

### *Chapel Services*

One of the most interesting features of Bob Jones University is the 35-minute chapel service held every morning, Monday through Thursday. These services are a source of great inspiration to the students. Four days a week the chapel message is brought by the president, an administrator, a faculty member or a guest speaker. Each Friday the chapel period is devoted to society or student body meetings.

Ministry Chapel is also held one day each week during the regular chapel time for students majoring in the School of Religion and those interested in ministry. These students meet together to receive instruction and inspiration from the director of Ministerial Training and other experienced men of God.

### *Christmas Celebration*

Thousands of students, faculty and staff, visitors and friends from the community gather around the front campus fountains for the annual carol sing and lighting ceremony each December. The evening starts with activities for elementary age children and culminates in the illumination of nearly 100,000 Christmas lights followed by an evening of family activities.

### *Concert, Opera & Drama Series and Recitals*

Each year the University's Concert, Opera & Drama Series presents programs by the world's leading solo artists and ensembles, as well as a Shakespearean production. The student program fee provides each full-time student with a season ticket. In addition, the Divisions of Music and Communication present recitals and concerts by students, members of the faculty and BJU music organizations.

### *Contests & Awards*

Music, art and literary contests are held each spring. At the annual Awards Ceremony, medallions are awarded to contest winners in art, brass, composition, extemporaneous essay, photography, piano, strings, voice and woodwinds. Individual awards for excellence are also given in the various academic disciplines. In addition to these competitions, other awards include society awards; the Chancellor's Award, given to the outstanding senior ministry student; the Founder's Awards, presented to a young man and a young lady discipleship group leader whose influence and leadership have been most akin to the efforts of the Founder; the Ernest I. Reveal Soulwinning Awards, given to a young man and a young lady for soulwinning zeal and activity; American Legion Awards, presented to two seniors for outstanding citizenship; and scholastic awards to the student with the highest academic average for the academic year and to the graduating senior with the highest academic average.

### *Evangelism Conference*

A guest chapel speaker brings a series of messages to inspire and instruct students and faculty to improve their witness for Christ to the lost. The BJU community leaves motivated to use their opportunities to win souls for Christ.

### *Global Opportunities Week*

One week in the academic year is set aside for a special missions conference called Global Opportunities Week. For this event BJU brings outstanding missionary speakers to its chapel platform. Representatives of many well-known fundamental mission boards come to the conference to promote missions and to confer with potential missionary candidates.

### *Homecoming & Family Weekend*

The weekend is planned to provide many opportunities for guests to build friendships and enjoy time with their families. Events include, Throwback Society Day, Parent and Alumni Chapel, class and affinity reunions, Bruins intercollegiate games, the Bruin Family Game show, Fine Arts events and the Bruin Nation 5K Family Race.

### *Intercollegiate Athletics*

BJU participates in NCCAA Division II in men's and women's basketball, cross country, golf, soccer and women's volleyball. BJU's men's and women's distance track team participates in NCCAA Division I and BJU's shooting sports participate in the Scholastic Shooting Sports Foundation. Intercollegiate athletics at BJU provide Christian athletes the opportunity to develop and use God-given talents to glorify God by exhibiting a strong Christian testimony and to benefit others. At BJU, participation in intercollegiate athletics is a privilege that comes with responsibility to self, the team, the University and, most importantly, the Lord Jesus Christ. BJU athletes are foremost students focused on spiritual growth and strong academic achievement. They avail themselves of the opportunities offered by the intercollegiate athletic environment to learn self-control, consideration for others, respect for authority and sportsmanship above championship.

Specific policies and procedures pertaining to the BJU intercollegiate athletic program are set forth in the Intercollegiate Athletics Handbook, which is available on the BJU intranet.

### *Intramural Sports*

In addition to intercollegiate sports, students have the opportunity to participate in a well-integrated program of intramural athletics through societies. The societies are divided into four leagues, two for men (American and National) and two for women (American and National). Emphasis is given to participation through multiple team and individual sport opportunities. The competition includes a variety of team and individual sports, such as soccer, basketball, softball, volleyball, badminton and table tennis. The winners in both the men's and women's sports awards competition for the school are determined by means of a graduated point system. Sports awards trophies are presented along with other university awards during commencement week.

Specific policies and procedures pertaining to the BJU intramural sports program are set forth in the BJU Intramural Athletic Handbook, which is available on the BJU intranet.

### *Living Gallery*

The *Living Gallery* is a boldly unique, dramatic presentation of sacred masterworks of art depicting Christ's ministry and passion. Presented by Bob Jones University and the BJU Museum & Gallery, the *Living Gallery* experience allows the campus family and guests to view the finest in religious art in fresh, innovative ways as life-size re-creations come to life through representations using live models. Each performance also incorporates a drama that clearly presents the Gospel message.

### *Local Church Attendance*

Students are expected to attend all Sunday morning activities at a local fundamental church, which in most cases will be Sunday school and the Sunday morning service, plus an additional service during the week—Sunday evening service, Wednesday evening service or a church shepherding group.

### *Ministry Teams—Drama, Music, Science & Technology*

Bob Jones University ministry teams provide an outlet for students to come alongside churches and Christian schools, using their God-given talents to edify the body of Christ. Team members demonstrate their abilities in science and mathematics, drama, and music, showing the academic strength that Bob Jones University offers. But ministry teams do not exist primarily for promotional purposes. Their main purpose is to encourage and exhort congregations and Christian schools throughout the United States. Ministry teams build up schools and churches through Gospel-centered messages. Those traveling stay with families from the host church; this gives students opportunities to minister in an informal setting. They and their host family share joys and burdens as they live life together for just a few days. And team members take away a renewed passion for their calling as they continue to prepare for a future of service for the sake of Christ.

### *Mission Teams*

Each year students have the opportunity to minister in other regions of the world by participating in one of BJU's mission teams organized through the Center for Global Opportunities. Students prepare throughout the year and raise their own financial support. Teams go to various countries spanning the globe using trade skills, sports, music and preaching/teaching to reach the lost with the Gospel and to challenge the team members to consider their lifelong level of involvement concerning the Great Commission. Each fall one chapel service is set aside for the promotion of summer mission teams.

### *Museum & Gallery*

Through its collection of sacred art, the Museum & Gallery at Bob Jones University exists to promote the appreciation, understanding and preservation of quality fine art that reflects universal and scriptural truths based on God's Word and works. The collection of old master paintings contains representative works of Flemish, Dutch, German, French, Italian and Spanish paintings from the 14th through 19th centuries.

### *Overseas Summer Study Tours*

BJU conducts overseas study tours to various areas. University course credit is available but optional. The tours are conducted by experienced members of the BJU faculty.

### *Scholastic Bowl*

University societies compete in this intramural competition, culminating in the championship clash. The questions cover a wide range of knowledge and draw upon many areas, including Bible, liberal arts, science and current affairs. The winning society receives recognition at the annual awards ceremony.

### *SMART Program*

SMART (Sharing Masterworks of Art) is an educational outreach program that serves secondary students in the community by hosting them for the last dress rehearsal of each Shakespearean play presented on campus. The program is designed to enhance the students' understanding, enjoyment and appreciation of the performing arts. It provides educational support in the form of printed material and special introductions to prepare students for stage productions on campus.

### *Spring Conference Series*

Each spring Bob Jones University presents a week of conferences to educate, support and equip and inspire. The conferences include:



- **Education Conference:** The University hosts a one-day educational conference for young people integrating a biblical worldview into current topics.
- **Seminary Conference:** The Seminary hosts a two-day conference addressing theological or ministry issues facing church leaders today. Seminary classes are suspended during the two-day conference, and Seminary students attend the conference as full participants.
- **Bible Conference:** The annual Bible Conference is one of the outstanding features of the academic year. Extending for three days, the Conference brings to the campus America's outstanding fundamental Bible teachers, pastors and evangelists. All regular academic work is suspended for the Bible Conference

### Summer Orientation

Summer Orientation is a two-day event designed to acquaint new students and their parents with Bob Jones University and the opportunities students have here, answer questions about being a student at BJU, and accomplish some of the preliminary academic tasks (including placement tests and registration). Over the course of their stay, students and parents will attend several general sessions that are intended to help in the student's transition from high school to college. In addition, students and parents alike will have the opportunity to enjoy BJU's Student Information Fair and interact with representatives from its academic schools and numerous campus departments.

### U.Day

Short for University Day, U. Day is a fun, educational street fair with dozens of interactive booths and activities designed for all age groups. Booths are sponsored by a variety of BJU's academic programs, BJU's Museum & Gallery, the Center for Global Opportunities and Bob Jones Academy as well as a number of local representatives from Greenville County. Admission to U. Day is free and open to the public.

### Washington Center Day (Special Olympics)

For over 25 years Bob Jones University faculty and students have volunteered with the Greenville Area 4 Special Olympics. Annually, more than 500 students help the over 1,200 students with intellectual disabilities in this international athletic program. Since 1990 BJU has hosted and sponsored Washington Center Challenge Day, a developmental event for the students with moderate to severe intellectual disabilities from Greenville County School District's Washington Center. The School of Education and its Division of Health Exercise and Sport Science, in collaboration with the Greenville County Recreation Department and other local businesses, coordinates and supports this event.

### Weekly Ministry Groups

BJU has approximately 100 outreach ministries in which students spread the Gospel in the community and surrounding region. Students minister in local churches, nursing homes, children's clubs, community centers and many other ministries, reaching out each week to people through evangelism, discipleship and encouragement. This ministry of BJU's students to the greater Greenville area has been a tremendous asset to pastors and churches, and a great opportunity for the students to learn as they train to serve the Lord.

### Fine Arts Groups

#### Bands & Orchestras

**Concert Band:** This organization of approximately 70 players performs literature from the standard concert band repertoire and performs at least two major concerts each year. Membership is open through audition to all students.

**Symphonic Wind Band:** This organization of approximately 50 players is devoted to the performance of the finest concert literature, both secular and sacred, for winds and percussion.

The Symphonic Wind Band performs at least four concerts each year, in addition to recording and touring regularly. Membership is open through audition to all students.

***String Orchestra:*** This organization performs literature from the standard orchestra repertoire and performs at least three times each year. Membership is open through audition to all students.

***Symphony Orchestra:*** The Symphony Orchestra presents a concert each semester and performs in opera productions. In addition to the standard symphonic repertoire, the orchestra often performs special assignments, such as recording for films. Membership is open to all students through audition.

***Chamber Orchestra:*** This specialized ensemble with flexible instrumentation performs advanced chamber works, opera, oratorio and occasional music. Members are drawn from the Symphony Orchestra.

### *Choral Groups*

The choral program at BJU exists to support the growth of the Christian student into the image of God and to equip him or her to use music for the service of God. The developmental program is comprised of multiple graded choirs. All students are welcome to audition and are placed according to their classification and abilities. Singers are re-auditioned periodically to determine proper placement. The program consists of six choirs: University Singers, Collegiate Choir, Concert Choir, Lyric Choir, Chorale and Chamber Singers. Performance venues include concerts of standard choral literature, church music and opera productions. Participants will have the opportunity to reach their individual technical and artistic choral potential within a program that strives for the highest level of musical excellence.

### *Classic Players/Drama*

The Classic Players is one of the outstanding college Shakespearean repertoire groups in the world. Membership is open to students who show the requisite ability in public tryouts. A major production is presented each year, including great plays such as *Hamlet*, *Julius Caesar*, *Macbeth*, *The Merchant of Venice* and other plays covering the great majority of the Shakespearean repertoire.

### *Instrumental Ensembles*

Several permanent chamber ensembles provide opportunity for specialized performance by qualified instrumental students. These include a woodwind choir, flute choir, trombone choir, cello choir, horn choir, tuba-euphonium choir, trumpet choir, handbell concert choir chamber harp ensemble, chamber string orchestra, guitar ensemble, *Musica Antiqua*, percussion ensemble, string chamber groups, and concert band. In addition, a number of smaller chamber groups are formed during each academic year.

### *Recitals*

Recitals celebrate God's glory through music and drama. Hours of instruction, days of practice and years of discipline culminate in this moment for friends and family to gather and see what God has accomplished. During the course of their college careers, students have taken performance classes, competed against each other and participated in various groups. Weeks prior to the recital, students undergo the recital check, which determines whether or not they are qualified to perform. Finally, in the days before the recital, the performers mentally prepare for the stage—the pressure of an audience, the desire to represent their time at school well, and the hope of giving their listeners an artistic gift. Only God could have brought the performers to this moment. Only God deserves the praise.

### *University Opera Association*

Opera productions are presented biennially, often with guest artists featured in the principal roles along with student and faculty soloists. Supporting roles and chorus parts are taken by students who show requisite ability.

## Campus Media

### The Collegian

Bob Jones University's student newspaper, *The Collegian*, was founded in 1987 as a journalism lab that offered students hands-on experience in producing a biweekly publication. Students write and edit articles, design the layout and take photographs for the paper. Stories in *The Collegian* focus on campus personalities and student life, helping to unify the large and diverse student body. *The Collegian* is an eight-page weekly college newspaper whose purpose is to inform, enlighten and entertain its readers—BJU's students, faculty, alumni and extended community. Published every Friday, it is distributed for free on campus and is available online.

### Vintage

The *Vintage*, “a season's produce” by definition, is BJU's yearbook. The staff, which is responsible for producing it, is composed of students from varied academic divisions and classifications within the University. Colorful, uniquely photographed and beautifully bound, the annual mirrors not only classes and activities, but also the student body's worthy goals and Christian philosophy of life. Any full-time student who is registered for and remains through both the fall and spring semesters in any regular academic year will receive a copy of the *Vintage* without charge. Any student attending only one semester may purchase a yearbook at half price.

### WBJU-FM IQ Radio/TV

*WBJU-FM IQ Radio* is the student-staffed, award-winning radio station at BJU. IQ Radio broadcasts and streams fresh instrumental music seven days a week to BJU students on 104.5 FM and listeners around the globe. The staff produces weekly on-air announcing shifts, podcasts and station production elements, along with planning special broadcasts and engaging the audience on social media. Additional information can be found at [www.facebook.com/bju.iqradio](http://www.facebook.com/bju.iqradio).

*WBJU-TV* is the student-staffed television station that provides the student body with campus video features and announcements throughout the day. Students build on their classroom knowledge with practical experience as anchors, reporters, producers, videographers and technical crew members in a variety of programming formats. Students can watch WBJU-TV at various locations around campus. Additional information can be found at [www.facebook.com/BJU.WBJU](http://www.facebook.com/BJU.WBJU).

## STUDENT COUNCILS, SOCIETIES & FORUMS

### American Advertising Federation Student Chapter (AAF)

AAF BJU is the Bob Jones University college chapter of the American Advertising Federation, and is affiliated with the Academic Division of the AAF and District 3 of the AAF. AAF BJU exists to provide and promote a better understanding of the functions of advertising and of its values to students; to stimulate and encourage advertising professionalism through advertising education; to aid students in applying the skills, creativity and energy of advertising to help solve social problems and to further the cause of Christ; to develop the individual abilities of its members; and to promote fellowship and exchange of ideas. AAF BJU is primarily comprised of students in the Marketing, Graphic Design and Journalism and Mass Communication programs, but is open to all BJU students enrolled in at least one marketing, graphic design or communication course each semester.

### American Choral Directors Association Student Chapter (ACDA)

The BJU American Choral Directors Association Student Chapter serves as an arm of the BJU choral program and the ACDA in promoting camaraderie, student professional development and leadership skills among students. Membership is open to any student interested in choral singing, conducting, music education or church music.

## Art & Design Forum

The Art & Design Forum exists to give art students the opportunity to gain a broader understanding of their field of study outside the classroom. Professional artists, gallery curators, retail art dealers and graphic designers present practical information about their work experiences. The format includes panel discussions, question and answer sessions, video or slide presentations, and lectures. Subjects vary and may include art philosophies, artwork pricing, art techniques, minority artists, job opportunities, artist demonstrations and critiques. Five sessions are scheduled throughout the academic year.

## The Bond: Chemistry & Physics

The Bond exists to provide students with an understanding of the many facets of the programs offered by the Department of Chemistry and Physics, to make students aware of current trends and issues within their fields, to facilitate more interaction between students and experienced professionals, to encourage interaction between older and younger students, to facilitate peer mentoring and to provide an organized body for corporate encouragement and prayer.

## Collegiate Biology Association (CBA)

The Collegiate Biology Association provides students with an opportunity to develop leadership skills and have a larger vision of the many facets of biology; to make students aware of current trends and issues within the different biological fields; to allow for more interaction between students and experienced researchers, as well as between older and younger students; to provide an organized body for corporate encouragement and prayer; and to urge students on to a closer and deeper relationship with Christ.

## Community Service Council (CSC)

The Community Service Council is an organization made up of students who volunteer their time to various service projects in the Greenville community. To fulfill its purpose, the CSC seeks to serve others in any way possible, provide BJU students the opportunity to engage in selfless service, to elevate the reputation of Bob Jones University, and to ultimately increase the testimony of our Lord and Savior Jesus Christ. In past years they have cleaned up area parks and the Greenville Zoo, collected money for the Heart Fund and other charitable organizations, and sponsored an on-campus blood drive.

## Criminal Justice Association (CJA)

The Criminal Justice Association exposes interested students in all degree programs to the many facets of the American criminal justice system. Positional perspectives, items of current interest, as well as emerging trends and other topics, are addressed during regularly scheduled forums by working criminal justice practitioners. Contact with active career professionals also provides greater insight into the possibilities for Christian ministry offered by the varied occupational specialties within law enforcement, the courts and corrections.

## Exercise & Sport Science Association

The purpose of the Exercise & Sport Science Association is to provide professional development for students in the exercise science and sport management degree programs. The association provides information regarding related career opportunities, helping students develop professional skills for the future and fostering networking opportunities between student, faculty and alumni in the Division of Health, Exercise and Sport Science. The association meets regularly throughout the academic year where instruction will be provided to members by field-related professionals and experts. This pursuit shall be conducted within the confines and principles of the Christian liberal

arts environment fostered by Bob Jones University. All students in the exercise science and sports management degree programs are encouraged to hold membership in the Exercise & Sport Science Association each year.

### Greek Forum

The Greek Forum meets biannually each academic year as an opportunity for the Greek students to expand their knowledge and understanding of the language, culture and heritage of New Testament Greek and to encourage, inspire and motivate each one in their Greek studies. This forum provides a venue for exploring topics related to New Testament Greek that range beyond the scope of the normal classroom discussion.

### Health Sciences Association (HSA)

The Health Sciences Association exists to provide students with an opportunity to develop leadership skills and have a larger vision of the many facets of health sciences, to make students aware of current trends and issues within the different health sciences fields, to allow for more interaction between students and experienced professionals, to develop community relations to encourage more opportunities for student and community growth and development, and to urge students on to a closer and deeper relationship with Christ.

### International Student Organization (ISO)

The mission of International Student Organization is to help international students to adjust to American culture, and to provide programs to support and serve the needs of international students. The ISO will provide the international student community with formal representation within the University.

### Inter-Society Council

The Inter-Society Council is composed of the president and vice-president of each student society. The purpose of the Council is to supervise societies, relay and implement university policies, coordinate inter-society functions, promote university morale and exalt the Lord Jesus Christ in everything the societies do. The council meets bimonthly for ideas, seminars, discussions, fellowship and refreshment. The purpose of societies is to develop productive, cooperative and godly relationships. See Volume I of the Bob Jones University Policy Manual for a copy of the Inter-Society Council Constitution.

### Journalism & Mass Communication Forum

Several times each semester the Journalism and Mass Communication Forum meets to provide students with a broader understanding of the media. Typically, meetings feature guest speakers who are working professionals representing organizations such as newspapers, magazines, radio or television stations, public relations departments and agencies, media consulting or media ministries. Students generally have the opportunity to interact with these professionals in formal Q&A sessions and in post-meeting informal conversation.

### Literary Societies

Developing friendships is essential to the college experience. Men's and women's societies serve as one of the major avenues for building relationships oriented toward serving God, one another and the surrounding community. Every student is eligible for membership in one of these groups. Officers are elected each semester within each society. Societies meet weekly for devotions, entertainment and fellowship. Society officers plan special activities for the society, including weekly prayer meetings, a dating outing and an outing for members only.

## Missions Advance

The purpose of Missions Advance is to stimulate missionary zeal and vision on the campus. Missions Advance exists to cultivate in the student body a passion for God's glory, resulting in greater participation in world missions through learning, praying and mobilizing. Learning: by inviting speakers, giving presentations and providing missionary letters to better inform students' prayers; praying: by spending a majority of the meetings interceding for God's work around the world and for God to send laborers into His harvest; and mobilizing: by offering avenues through which the student body can be involved in mission work while in school. The principle way students accomplish this is by holding collective prayer meetings two times a week to pray for the specific needs of missionaries. Missions Advance also involves every residence hall prayer group on campus by providing each one with information about a missionary family and encouraging interaction with them throughout the semester.

## Music Teachers National Association Student Chapter (MTNA)

The BJU MTNA collegiate chapter works to be the foundation of educational, musical, social and professional experience for music teachers throughout their course of formal study and to help open doors through professional opportunities and career options in the field of music.

## Pre-Law Forum

The Pre-Law Forum meets several times a year to provide students the opportunity to hear presentations by and interact with lawyers, law students, pre-law advisors and similar professionals. Students in all degree programs are welcome to attend meetings.

## Pre-Medical Association (PMA)

The Pre-Medical Association exists to provide students with a vision of the many facets of medicine and dentistry. To this end the monthly newsletter and PMA meetings aim to make students aware of current trends and issues within the medical and dental fields. Speakers at the PMA meetings are usually either practicing physicians or dentists, or admission officials from medical or dental schools. The PMA is intended to provide interaction between students and experienced medical and dental personnel, as well as between older and younger students in the Premed/Preudent program at BJU. The PMA Advisory Board consists of four practicing physicians from the Greenville area who provide direction and counsel to students. Board members also help the PMA to schedule speakers and trips to medical schools. PMA members also encourage and pray for each other during the challenging undergraduate years and the medical or dental school application and admission process.

## Programming Intercollegiate Team

The intercollegiate programming team represents BJU at various competitions throughout the southeastern United States. One competition is the regional ACM International Collegiate Programming Contest, and the others are structured in a similar manner. In a contest lasting five hours, teams of three students are given eight complex, real-world problems and one computer on which to solve them. The team that solves the most problems in the shortest cumulative time is the winner. The contests help the team members demonstrate teamwork and ingenuity while working under pressure. As believers they endeavor to reflect the image of God by being creative as He is.

## Public Policy Organization (PPO)

The Public Policy Organization seeks to unite likeminded students of Bob Jones University into an organization which will promote civic responsibility and provide avenues of service for students through various civic and political entities.

## Robotics Intercollegiate Team

BJU engineering students form a robot team each year to design and build a robot for a national collegiate robotics competition. This team is often open to students from other degree programs as well.

## Student Leadership Council (SLC)

The Student Leadership Council functions as the governing organization for the BJU undergraduate student body. The SLC officers are nominated and elected by their peers. It exists to advance the BJU mission by promoting a unified student body, facilitating communication between the administration and student body, supporting student leaders in their service roles, and modeling Christlike character.

The SLC exists to help fulfill the mission of BJU by equipping committed, courageous and compassionate disciple makers of Jesus Christ. It sponsors several campus-wide activities during the year, such as senior class events, intramural championship activities, snow skiing and film nights, along with activities for incoming freshmen at the beginning of the academic year.

The University undergraduate student body elects officers for the SLC each year. One men's and one women's president lead 10 other directors and representatives: the Inter-Society Council men's and women's directors, a community service director, a council treasurer, the men's and women's senior class representatives, the men's and women's chaplains, and the men's and women's event coordinators.

## Student Legislature

Bob Jones University participates in the South Carolina Student Legislature, an intercollegiate organization to improve understanding of the legislative process. Delegates prepare legislation and guide it through committee, the House of Representatives and the Senate in a mock legislative session held at the state capital every fall semester. Student Legislature affords students the opportunity to hone political skills while establishing a testimony for Christ with their peers from other colleges and universities. Membership in the Bob Jones University delegation is open to students in all academic degree programs and is determined through competitive interviews conducted during the spring semester.

## University Business Association (UBA)

Began in 1948 as the University Commerce Association, its originally stated mission was "... to promote a feeling of unity among the business students of the University; and second, to prepare them more thoroughly for business careers through increasing their professional knowledge in a practical way ...." Since its humble beginnings, the University Business Association has changed its name, expanded its scope and enhanced its core mission. The primary purpose of the UBA is to bring before the students successful Christian business people who have used their business opportunities to have a ministry and a testimony for Jesus Christ. A group of UBA student members comprise the Executive Council that provides these business students with many leadership opportunities. UBA also includes a student marketing association affiliated with the American Marketing Association (AMA), the University Investment Association (UIA) and the University Accounting Association (UAA). Being a member of a collegiate chapter opens up professional possibilities with immediate opportunities for professional development, networking and access to information and marketing news. The UBA provides fertile ground for the development of Christian men and women who are called to the ministry of business. Now open to all career-minded students seeking to enhance their future ministry, the UBA helps prepare its members for service to Jesus Christ in whatever field God has called them. All students, regardless of their degree program, are invited to join the UBA.

## University Educators Association (UEA)

The University Educators Association is an integral part of the School of Education. The programs and activities are correlated very closely with the emphasis of the individual classes. This organization provides opportunities for all education students to secure leadership training and many professional contacts. Each of the professional education departments appoints representatives to serve as officers, and each departmental meeting is part of the UEA's programming. All prospective teachers are urged to become members of the UEA.

Each semester the UEA has a forum for its members where an educator addresses relevant issues in education. In addition to the general meeting, each teacher education program has its own individual meeting each semester. These small content-specific meetings allow teacher candidates and faculty to collaborate about issues related to their specific area. Additionally, a major activity is featured each year. Introduction to the World of Special Olympics is a special program for the disabled children attending Washington Center School. These students are transported to the university campus for day-long activities each fall.

### University Language Association

The University Language Association is an organization composed of students taking courses in modern languages. It is the purpose of the association to stimulate an increased interest in modern languages and culture. In an informal atmosphere of entertainment, discussion, games and reports, the student gains valuable information and insight in furthering their individual knowledge and language skills.

### University Nursing Association (UNA)

The University Nursing Association is an organization of nursing students that exists to provide fellowship among nursing students of various academic classifications, to organize activities, to promote the University and Christian nursing in the community, to serve the community, to provide educational and occupational opportunity information to its members, to provide a means of recognition for fellow students and faculty members, to promote unity within the Nursing Division, to provide both academic and spiritual encouragement, and above all, to glorify God in all of its activities.

## STUDENT SUPPORT PROGRAMS & SERVICES

### Academic Advising

Each student is assigned to an academic advisor who assists him or her in making out a degree plan of study. New first-year and transfer students are assigned to first-year advisors from the Academic Resource Center who provide dedicated academic advising and assist and/or follow up with students academically during their initial academic year to encourage students toward academic excellence. As first-year students reach sophomore status, they are reassigned to program advisors who provide academic, extracurricular and career guidance in preparation from college to career opportunities.

Academic advisors provide assistance both with studies in general and academic programs. During the academic year a student may consult his or her advisor, dean, division chair, program coordinator, transition advisor or the Registrar's Office at any time concerning his or her course of study and future academic plans.

### Academic Resource Center

The Academic Resource Center seeks to assist students in achieving academic excellence by providing a variety of services and resources to support students' academic goals.

- **Academic advisors** help students to develop their academic plan and to strengthen their specific academic skills, such as time management, study and test-taking skills, note taking and goal setting.
- **Study groups** provide a forum for students to work together to reinforce their understanding of specific course content.
- **Tutor Referral** assists students who are seeking individualized tutoring sessions for specific college courses.
- The **Writing Center** supports students in the development of writing skills by guiding them through the writing process.
- **Smarthinking** is an online tutoring resource available to all students in every class through BJUOnline LMS (Learning Management System) course homepages. Smarthinking provides live



tutoring in many subjects including math, science, business and nursing, as well as detailed essay critiques.

- *Academic Accommodations* provides a personalized support system to students with documented learning disabilities by establishing reasonable academic accommodations and offering individualized academic assistance.
- *Transition Advising* guides students through the decision-making process of selecting or changing their degree program.
- *Technology Resources* assists students and faculty by providing technical support for personal computing devices and by offering advice and guidance related to the selection and use of instructional technology equipment and applications.

## Advising of International Students

As the Primary Designated School Official, the international student advisor is the competent immigration authority on campus, ensuring institutional compliance and fulfilling reporting obligations to the Student and Exchange Visitor Program. Beginning with preparation for a visa interview and continuing on through graduation and return home or change of visa status, the international student advisor works to educate international students on receiving and maintaining lawful status in the United States. In addition, the international student advisor assists international students with travel arrangements, cultural adjustment, money handling, community services, employment authorization, health care, housing and utilities.

## Bellis Copy Center

The Bellis Copy Center offers high quality color and black/white printing at a very competitive price. It also offers a wide range of services catered to meet almost every printing or finishing need, including printing, collating, stapling, binding, laminating and cutting. The lobby area includes work tables furnished with a paper cutter, hole punch, staplers and other incidental office supplies, as well as Mac and PC computers for customer use.

## Biblical Counseling

Spiritual and emotional counseling is available to all enrolled students. Assistant deans of mentoring are available to help day students. A resident supervisor and resident mentors are available in each residence hall. Faculty and staff are also available to counsel students in areas such as home issues, spiritual battles, room problems and social adjustment. Everything reasonable will be done to maintain confidentiality and privacy.

## BJUOnline LMS

BJU maintains a web-based course management tool called BJUOnline (powered by Desire2Learn).

## Bruins Shop & Textbook Store

The Bruins Shop offers a wide variety of trade books, quality music, and Bruins merchandise and gift items for everyone. The Textbook Store provides students the convenient opportunity to purchase textbooks either in the store or through its website.

## Career Services

Career Services helps students and alumni prepare to enter the workforce by offering career counseling, resume advising, recruiting events and employment opportunities.

## Center for Distance Learning

The Center for Distance Learning provides student support for students enrolled in online courses and online degree programs. This includes facilitating student communication with on-campus resources, as well as providing technical support as needed. The Center for Distance Learning also provides academic assistance to students who are at risk in distance learning courses.

## Center for Leadership Development (CLD)

The Center for Leadership Development integrates the academic, student organization, residence hall and campus work opportunities for leadership development. Key components of the CLD include student organizations, outreach ministries and community service. The director of the CLD oversees the Student Leadership Council and with his staff provides leadership coaching and coordinates leadership training, including a retreat prior to first semester and workshops throughout the year. The CLD promotes leadership, defined as an influence relationship for God's glory that engages character and competence to grow people.

## Davis Field House (DFH), Fremont Fitness Center & Recreational Facilities

The Davis Field House provides facilities for the University's Division of Health, Exercise and Sport Science, the intramural program, the intercollegiate athletic program and faculty/staff/student recreational opportunities. This includes classrooms, offices, locker rooms, a women's fitness center, an aerobics room, an indoor jogging track and a swimming pool. There are three separate court areas in the DFH which can provide four regulation courts for basketball and volleyball, and six badminton courts. Seating is available for approximately 4,000 people for athletic and special events in the main court.

The Fremont Fitness Center contains locker rooms, saunas, whirlpools, racquetball courts and two exercise rooms, featuring aerobic equipment, weights, and state-of-the-art strength and conditioning equipment.

Additional campus recreational facilities include the athletic fields, Stadium Field track and tennis courts. Table tennis, pool tables and board games are available.

## Dining Services

Dining with friends is an integral part of the college experience. Whether it is a quick bite on the go or a casual sit-down meal, BJU Dining Services makes it easy for students to refuel and reconnect, offering many dining styles to enhance the college experience. Campus locations include the following: Dixon-McKenzie Dining Common (full-service cafeteria), The Den (food court area with offerings including Chick-fil-A and Papa John's Pizza), Cuppa Jones (campus coffee shop), and The Growl (fast-food sandwich and grill location).

## Disability Support Services

BJU, within the bounds of its resources, provides reasonable accommodations to allow all students accepted into a program of study equal opportunity to effectively reach their academic and personal goals. Requests for academic accommodations will be processed on an individual basis through the Academic Resource Center (ARC). The ARC provides a personalized support system to students with documented learning disabilities by establishing reasonable academic accommodations and offering individualized academic assistance. To receive assistance from the ARC, students with learning disabilities must provide a current evaluation report from a qualified examiner. Students with physical disabilities, or hearing or visual impairment must provide official documentation from an appropriate medical physician documenting the disability and its effects on academic achievement. An individualized accommodations plan will be created and implemented for all students qualifying for this service. See the Academic Resource Center for additional information.

Residence hall students and applicants are encouraged to contact Student Life & Discipleship which will process specific housing accommodation requests on an individual basis. See the BJU Housing Accommodation Policy for additional information.

BJU reasonably accommodates persons with disabilities who require the assistance of Service or Support Animals as appropriate. See the BJU Service and Support Animals Policy for additional information.

## Discipleship Group Partnership

The Discipleship Group Partnership Program provides opportunities for faculty, staff and graduate assistants to partner with a discipleship group in the men's and women's residence halls for an entire academic year. This partnership provides additional opportunities for faculty, staff and graduate assistants to interact with and mentor students spiritually, socially and academically. Discipleship group partners commit to pray for the discipleship group consistently, and aim to interact with the discipleship group members through informal and formal gatherings at meals and on- or off-campus events.

## Financial Aid

The Office of Financial Aid assists students with scholarships, loans, grants and the student work program, and provides information on the student insurance plan.

## Financial Services

Financial Services provides students with services such as BJU Bill Pay, as well as check cashing through the Student Services Hub.

## First-year Experience

First-year Experience supports students spiritually, academically and socially as they transition from high school to college. The department provides assistance to students by seeking to build communities of engagement for first-year students with an effort to create a sense of belonging at BJU.

## International Students

BJU provides an international counselor who functions as the key facilitator in the college enrollment process by giving guidance on careers and degree programs, advising on high school course selection, preparing students for college admission tests, and facilitating the transfer credit process and the financial aid process. The international counselor applies country-specific information to these topics, including academic credentials and evaluation services, international career trends and currency/income. Students for whom English is not their native language receive special communication using easy-to-understand terms and phrases; the international counselor uses students' results from the Test of English as a Foreign Language (TOEFL) to guide students into appropriate degree study, ESL programs and other remedial helps.

## Mack & Music Libraries

The library seeks to assist students by providing a variety of services to help facilitate the use of library resources during a course and the completion of class assignments.

**My Account:** Set up an online account to view items on loan, renew items, borrow books through PASCAL (Partnership Among South Carolina Academic Libraries), place library items on hold or save preferred catalog searches.

**Interlibrary Access:** PASCAL Delivers enables students to request books from participating academic libraries in the state and to receive them at BJU in just a few business days. The Interlibrary Loan (ILL) system enables students to borrow items not available through PASCAL.

**Reference Service:** A librarian is available to assist students in locating information or resources.

**LibGuides:** Online library guides provide research assistance by subject, specific classes and projects, or by discipline, and are developed by librarians and faculty.

**Ask a Librarian:** A librarian is available to assist in researching a question and preparing bibliographies.

**Workshops:** Each semester, workshops are offered that teach students the skills to complete their assignments with quality work.

## Mentoring

Faculty/staff constantly cross paths with students. However, by taking on a protégé, faculty/staff members can intensify their efforts to develop Christlikeness in the next generation. The Student Care Office equips mentors to invest effectively by matching them with protégés and recommending resources, as well as offering guidance and encouragement. Participation in the Mentor Ministry is voluntary for both faculty/staff mentors and students. These relationships often begin during a student's freshman year and continue throughout the student's education.

## Merit

Merit is a service used by BJU to distribute news of student achievements (e.g., president's list, dean's list and graduation among other honors) to students and parents. Whenever BJU issues a Merit badge, the student and his or her parents will receive email notifications which allows them the option to post the information directly to their individual social media pages. In some instances, BJU's Public Relations office will disseminate the information directly to news media in the student's hometown. Merit is a value-added asset to a student's resume. BJU's comprehensive Merit page may be accessed at [bju.meritpages.com](http://bju.meritpages.com)

## Photo Services

BJU Photo Services is responsible for all official photography and photographic printing on campus. In addition to traditional photography, Photo Services provides digital imaging services, which include shooting, scanning and retouching. The purpose of Photo Services is to supply images of the highest professional quality that are effective, uplifting and represent Bob Jones University in a Christ-honoring fashion.

## Post Office

BJU offers students, faculty, staff and community members a full-service, on-campus post office with mailing and shipping services provided through the United States Postal Service, UPS and FedEx. Mail is distributed each business day to campus post office boxes and mail stops, with each residence hall student assigned a campus P.O. Box. Large packages are delivered to the main campus post office for individual pickup.

## Public Safety

The Office of Public Safety strives to protect and serve the University, promoting safety and security while training and maturing its employees to Christlikeness. The Office of Public Safety is composed of both student and full-time employees who are dedicated to serving the Lord at BJU. The purpose of Public Safety is to protect and serve the students, faculty, staff, visitors and alumni of the University. Its goal is to maintain the highest quality of service to the public by providing the best possible training to its employees. While training its employees in the different aspects of their jobs, they are taught biblical principles that will allow them to become more Christlike in character and learn the importance of being servants to those they serve. Public Safety provides many services for the university community and its visitors. In addition to the daily routine of locking and unlocking buildings, it provides traffic and parking control, helps stranded motorists with vehicle assists, gives directions to visitors, and provides safe school crossings for BJA elementary students and 24-hour patrol of the campus. See Volume II for Public Safety policies applicable to the university community.

## Registrar's Office

The Registrar's Office records and processes all academic records in accordance with the academic policies established by the Academic Council. The Registrar's Office provides services to both faculty and students for maintaining and distributing academic information.

## Residence Halls

Residence halls at Bob Jones University are staffed by a resident supervisor and resident mentors. There are four men's and four women's residence halls for single students. Residence hall rooms are fully carpeted, air-conditioned and provide computer connections to the campus network. Each room is outfitted with built-in furniture (two student desks, two bunk bed units, overhead and hanging closet space, and built-in drawer space). Each residence hall also provides a study lounge.

Some residence halls are equipped with handicapped access. To aid campus security, residence hall doors are accessible only by student ID cards, and all outside entrances to the residence halls are monitored by video surveillance equipment.

All residence hall students attend a Bible study or prayer meeting from 10:30–10:50 p.m. on Sunday, Monday and Thursday. On Tuesday each hall meets at 10:30 p.m. with its resident assistant for spiritual exhortation, prayer and community reminders. Residence hall discipleship group meetings provide students with a time to deepen their relationship with the Lord by studying God's Word together and interceding on one another's behalf in prayer.

## Student Care Office

The Student Care Office (SCO) exists to provide a place of confidential biblical counseling and general care and encouragement for students at Bob Jones University. The SCO encourages mentoring relationships between faculty/staff and students by providing resources, encouragement and advice. The SCO serves as a point of contact for faculty/staff seeking to coordinate care spiritually, emotionally, academically and financially through a process of information sharing and referrals across the Student Life & Discipleship offices. The SCO also is a place where students can get confidential advice about Title IX reporting.

## StudentCentral

StudentCentral is the internet portal for accessing student academic information, for planning prospective cocurricular and work schedules, and for registering for classes. The portal is available at [studentcentral.bju.edu](http://studentcentral.bju.edu) or the University's intranet at [home.bju.edu](http://home.bju.edu).

## Student Life & Discipleship

Student Life & Discipleship is primarily responsible to help students thrive through campus life and to spearhead student discipleship efforts. Its major functions include the coordination of mentoring, biblical counseling, accountability and leadership development. The Student Life & Discipleship offices consist of the dean of men, the dean of women, student care, social events and the Center for Leadership Development. The goal of each of these ministries is to help students grow in Christlike virtue out of love for God and others.

## Student Services Hub

The Student Services Hub is a one-stop resource for services in the Registrar's Office, Financial Services and Financial Aid. The Hub is able to handle student needs related to tuition and billing, payments, financial aid, registration, grades and transcripts.

## Student Work Program

Through BJU's Student Work Program, students earn money working on campus during the academic year. Qualifying students work 5 to 25 hours a week (depending on jobs available). Earnings are paid biweekly and applied to a student's tuition account or paid in cash.

Campus job opportunities are available in many departments. Students in the program work for managers who are concerned for the students' academic well-being and are flexible in accommodating class schedules. The University cannot guarantee work for all students and cannot guarantee that each student will earn the approved amount each week.

Application for a job may be made through [www.bju.edu/studentjobs](http://www.bju.edu/studentjobs).

The Student Work Program gives priority to undergraduate students living in the residence halls. International students are limited to a maximum of 19 hours per week and are subject to additional labor laws.

A limited number of work students may also qualify for the Federal Work-Study Program, which is a federally funded aid program available to full-time students. See the BJU Federal Work-Study Policy for additional information.

### University Cleaners

This on-campus cleaners offers the following services to students, faculty and staff with all cleaning services done on the premises, and free pickup from and delivery to the residence halls: professionally dry-clean and press clothes; professionally launder shirts, pants and bedding; professionally clean and press draperies; and professionally clean and preserve wedding gowns. Additionally, the cleaners can store student clothing over the summer.

## ALUMNI ASSOCIATION

The Bob Jones University Alumni Association is composed of graduates, former students and friends united together in support of one another, the University and the Gospel through prayer, networking, giving and promotion. The association provides tools and encouragement to aid members in fulfilling this mission of building relationships with one another and the University. These tools include activities for fellowship, such as the Homecoming & Family weekend, with class reunions and a general reception for members; the annual 5K Run; local membership gatherings and special receptions for local alumni in various professional fields.

The Alumni Association also puts on a specific event each year for each class—freshman, sophomore and junior—and multiple events for each senior class. The goals are to increase student awareness of the Alumni Association and the benefits of membership, and to foster a desire among class members to fellowship with each other before and after graduation. Other benefits of membership include access to BJUAlumni.com (the interactive online directory of association members), group discounts with businesses, cash grants to alumni children and awards presented to outstanding, faithful alumni. The association also keeps alumni informed of membership and university news through email and social media.

COLLEGE OF  
ARTS & SCIENCE



# PROGRAMS

The College of Arts and Science offers liberal arts programs and supports the liberal arts core on the undergraduate level. It provides a liberal arts education by teaching a person to be at home in the world of the mind and ideas, by helping him or her to understand and respond constructively to problems in the larger world, and by challenging him or her to bring discipline and order into his or her own life and that of a needy society. Based on the eternal foundation of God's Word, the touchstone of truth, the College uniquely integrates faith and learning, teaching not only how to make a living but also how to live.

## GOALS

The student will ...

- Analyze and evaluate a broad spectrum of ideas.
- Solve authentic, real-world problems.
- Articulate a biblical response to issues within his discipline.

## DIVISIONS & DEPARTMENTS

The College of Arts and Science is organized into six divisions:

- Division of English Language and Literature
- Division of Modern Language and Literature
- Division of Natural Science
  - Department of Biology*
  - Department of Chemistry and Physics*
  - Department of Engineering*
- Division of Mathematical Sciences
  - Department of Mathematics*
  - Department of Computer Science*
- Division of Nursing
- Division of Social Science
  - Department of History*
  - Department of Social Studies*



## DEGREES OFFERED

### *Undergraduate Degrees*

The *Bachelor of Arts* degree with majors in English, History, Humanities, Interdisciplinary Studies, International Studies and Spanish

The *Bachelor of Science* degree with majors in Actuarial Science, Biochemistry and Molecular Biology, Biology, Chemistry, Computer Science, Criminal Justice, Engineering, Health Sciences, Information Technology, Interdisciplinary Studies, Mathematics, Physics and Premed/Preudent

The *Bachelor of Science* in Nursing degree with a major in Nursing

## GAINFUL EMPLOYMENT

For graduation rates, the median debt of students who completed the program, and other important information, visit [www.bju.edu/rates](http://www.bju.edu/rates).



**Renae M. Wentworth, EdD**  
Dean

# Bachelor of Arts, Humanities

**Mark E. Sidwell, PhD**

Program Coordinator

## Humanities Program Summary

Major .....	36
BJU Core .....	68
Electives .....	24
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

*Major: 36 credits*

Hmn 400 Humanities Seminar (1)  
 Ar 225 Appreciation of Art (2)  
*American Literature Elective<sup>1</sup> (3)*  
 · En 205 American Lit 1607–1865 (3)  
 · En 206 American Lit since 1865 (3)  
*English Electives (300- to 500-level) (9)*  
*History Electives (300/400-level) (9)*  
*Natural Science Elective (3)*  
*Philosophy Elective (300/400-level) (3)*  
*Psychology Elective (200/400-level) (3)*  
*Psychology Elective (300/400-level) (3)*

*BJU Core: 68 credits*

Uni 101 First-Year Seminar (1)  
 En 102 Composition & Rhetoric (3)  
 En 103 Composition & Lit (3)  
*British Literature Elective<sup>2</sup> (3)*  
 · En 202 British Lit to 1688 (3)  
 · En 203 British Lit since 1688 (3)  
 Sc 200 Essential Science (3)  
*Math/Computer or Science Elective (3)*  
 Hi 101 History of Civ c. 3500 BC to AD 1650 (3)  
 Hi 102 History of Civ since 1650 (3)  
 SSE 200 Foundations of Economics (3)  
 Ph 200 Themes in Western Thought (3)  
*Philosophy or Psychology Elective (3)*  
 FA 125 Introduction to the Arts (1)  
 Mu 225 Appreciation of Music (2)  
 Com 101 Fundamentals of Speech (3)  
 Com 410 Oral Comm for the Professions (3)  
*Foreign Language Electives (12)*  
 Bi 105 Old Testament Messages (1)  
 Bi 109 New Testament Messages (1)  
 Bi 230 Hermeneutics (3)  
 Bi 350 Bible Doctrines (3)  
 Bi 360 Bible Doctrines (3)  
 Bi 499 Apologetics & Worldview (3)  
*Bible Elective (300/400-level) (2)*

*Electives:*

*24 credits and/or select a minor*

The Humanities major provides preparation for a number of career options that call for a broadly based, comprehensive college education. Rather than focusing on one or two academic disciplines, it offers exposure to a variety of courses in the arts and sciences. It calls for studies in English, philosophy, foreign language, history, mathematics, science, art, music, speech and a large number of electives while allowing postponement of specialized study until graduate school.

## Program Learning Outcomes

The student will ...

- Analyze and evaluate a broad spectrum of ideas.
- Solve authentic, real-world problems.
- Articulate a biblical response to a variety of academic and societal issues.

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Mu 225	Appreciation of Music (2)
FA 125	Introduction to the Arts (1)	Com 101	Fundamentals of Speech (3)
	Math/Computer or Science Elective (3)		Philosophy or Psychology Elective (3)
	Electives or Minor (4)		Electives or Minor (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Second Year

Sc 200	Essential Science (3)	Bi 230	Hermeneutics (3)
SSE 200	Foundations of Economics (3)	Ar 225	Appreciation of Art (2)
Ph 200	Themes in Western Thought (3)		American Literature Elective <sup>1</sup> (3)
	British Literature Elective <sup>2</sup> (3)		Foreign Language Elective (3)
	Foreign Language Elective (3)		Natural Science Elective (3)
	<b>Total Credits: 15</b>		Electives or Minor (2)
			<b>Total Credits: 16</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 410	Oral Communication for the Professions (3)		English Elective (300- to 500-level) (3)
	English Elective (300- to 500-level) (3)		Foreign Language Elective (3)
	Foreign Language Elective (3)		History Elective (300/400-level) (3)
	History Elective (300/400-level) (3)		Philosophy Elective (300/400-level) (3)
	Electives or Minor (1)		Electives or Minor (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Hmn 400	Humanities Seminar (1)
	English Elective (300- to 500-level) (3)		Bible Elective (300/400-level) (2)
	Psychology Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	Electives or Minor (7)		Psychology Elective (200/400-level) (3)
	<b>Total Credits: 16</b>		Electives or Minor (7)
			<b>Total Credits: 16</b>

<sup>1</sup> En 205 American Literature 1607–1865 or En 206 American Literature since 1865.

<sup>2</sup> En 202 British Literature to 1688 or En 203 British Literature since 1688.

## Bachelor of Arts or Bachelor of Science, **Interdisciplinary Studies**

### H. Doug Garland, EdD

*Program Coordinator*

Interdisciplinary Studies allows students to customize an individualized program to answer significant questions or to prepare for a specific career or for graduate school. Students apply for the program after earning at least 30 credits and a cumulative grade point average of 3.0 or higher. In the application, the student will identify learning outcomes, two or three disciplines offered by BJU's curriculum, one or more faculty advisors and proposed courses. Upon approval by the faculty and dean, the student will sign a contract that outlines the Interdisciplinary Studies program components. Students must maintain a 3.0 cumulative grade point average and complete a capstone project prior to graduation. Interdisciplinary Studies supports BJU's goals to offer programs in a range of disciplines and to foster spiritual, intellectual, social and physical development. The program requires at least 42 credits in the chosen disciplines and 128 total credits.

### Program Learning Outcomes

Students will propose learning outcomes based on the significant questions, career field or graduate school identified in the application. Faculty will ensure that the quantity and quality of the learning outcomes are at the bachelor's level. Learning outcomes must also inform the selection of coursework and the culminating project.

The program is offered as both a Bachelor of Arts degree and a Bachelor of Science degree. If the student's program requires one or more disciplines offered by BJU as a Bachelor of Arts, then the Interdisciplinary Studies program must be taken as a Bachelor of Arts.

### Interdisciplinary Studies Candidacy Requirement

Students begin as a major in one of the disciplines of the desired Interdisciplinary Studies program. Eligibility for acceptance as an Interdisciplinary Studies major will be determined upon the student's successful completion of Introduction to Interdisciplinary Studies, proposed Interdisciplinary Studies contract and application to the Interdisciplinary Studies program.

### Eligibility Requirements

#### First Year

1. Students begin as a major in one of the disciplines of the desired Interdisciplinary Studies program.
2. Complete BJU Core courses and build a cumulative grade point average (GPA) of at least 3.0 or higher.
3. During second semester, enroll in IDS 101 Introduction to Interdisciplinary Studies and start the application to the Interdisciplinary Studies program.

#### Second Year

4. Continue in both discipline and BJU Core courses.
5. During first semester, create a proposed Interdisciplinary Studies contract and apply for acceptance to the Interdisciplinary program.
6. Gain formal acceptance as an Interdisciplinary Studies major the second semester.

#### Third Year

7. Continue in courses for the selected disciplines and maintain a cumulative 3.0 GPA.
8. Identify potential capstone possibilities.

#### Fourth Year

9. Continue in courses for the selected disciplines and maintain a 3.0 GPA.
10. Take IDS 401 Interdisciplinary Studies Capstone course and complete a culminating capstone project.

## BA Interdisciplinary Studies Program Summary

Major .....	45
BJU Core .....	68
Electives .....	15
<b>Total (minimum) .....</b>	<b>128</b>

## BS Interdisciplinary Studies Program Summary

Major .....	45
BJU Core .....	56
Electives .....	27
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

*Major: 45 credits*

IDS 101	Introduction to Interdisciplinary Studies (1)
IDS 401	Interdisciplinary Studies Capstone (2)
<b>2 or 3 Disciplines (42)</b>	
· Discipline 1 (100/200-level)	(8)
· Discipline 1 (300- to 500-level)	(16)
· Discipline 2 (100/200-level)	(6)
· Discipline 2 (300- to 500-level)	(12)
<b>OR</b>	
· Discipline 1 (100/200-level)	(5)
· Discipline 1 (300- to 500-level)	(9)
· Discipline 2 (100/200-level)	(5)
· Discipline 2 (300- to 500-level)	(9)
· Discipline 3 (100/200-level)	(5)
· Discipline 3 (300- to 500-level)	(9)

*BJU Core: 68 credits*

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

*Electives*

**15 credits and/or select a**

## DEGREE COURSES

*Major: 45 credits*

IDS 101	Introduction to Interdisciplinary Studies (1)
IDS 401	Interdisciplinary Studies Capstone (2)
<b>2 or 3 Disciplines (42)</b>	
· Discipline 1 (100/200-level)	(8)
· Discipline 1 (300/400-level)	(16)
· Discipline 2 (100/200-level)	(6)
· Discipline 2 (300/400-level)	(12)
<b>OR</b>	
· Discipline 1 (100/200-level)	(5)
· Discipline 1 (300/400-level)	(9)
· Discipline 2 (100/200-level)	(5)
· Discipline 2 (300/400-level)	(9)
· Discipline 3 (100/200-level)	(5)
· Discipline 3 (300/400-level)	(9)

*BJU Core: 56 credits*

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

*Electives*

**27 credits and/or select a**

# DIVISION OF ENGLISH LANGUAGE & LITERATURE



**Bruce E. Rose, PhD**  
Chair

The Division of English Language and Literature of the College of Arts and Science offers a major in English with concentrations in creative writing or literature and minors in Creative Writing, English and Teaching English to Speakers of Other Languages. Courses in grammar, composition and literature are offered for students to fulfill the general degree requirements in English. Courses are also available as general electives.

The division offers Missionary Linguistics courses during the summers of even-numbered calendar years to give fuller preparation for language learning and for ministries such as Bible translation. Several linguistics courses can meet requirements for the Master of Arts in Theological Studies and the Master of Divinity with a Bible Translation and Linguistics concentration.

## PURPOSE

In support of the University's commitment to building Christlike character, the Division of English Language and Literature exists to provide the foundation in English language and literature for a liberal arts education. It seeks to develop in all university students basic skills in written communication, in critical reading and research, and in understanding and appreciating literature. It seeks to help students specializing in English develop general intellectual and communication skills for a variety of professional interests and vocational needs, and to provide solid preparation for advanced work in English. It seeks to equip future English teachers richly for a ministry of teaching.

## GOALS

The student will ...

- Communicate well, particularly in writing, to the larger world.
- Interpret and create works of literature from varied cultures and in varied genres.
- Effectively navigate the world of ideas.
- Articulate a biblical response to issues connected with English language and literature.
- Apply knowledge of language structure to a broad range of situations.
- Value written expression that is aesthetically or culturally influential.

## CERTIFICATE OF COMPLETION: TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

The Teaching English to Speakers of Other Languages (TESOL) Certificate of Completion exists to prepare students to teach English to non-native speakers, primarily in a ministry setting, in the United States or abroad. The certificate is available on three levels. The basic level program includes coursework in English structure and ESL/EFL teaching methods, and the higher levels both deepen and diversify from this base. The program supports the Division of English goals that students be able to communicate effectively and apply knowledge of language structure; and it supports the division's purpose of equipping future English teachers richly for a ministry of teaching. Students may request the appropriate certificate when they have successfully completed the prescribed courses for their highest level if they have a grade point average of 2.5 or higher in these courses. The courses taken for the certificate do not constitute a degree program. The certificate of completion does not imply teacher licensure by the state of South Carolina.

### **TESOL Certificate of Completion, Basic** (6 credits)

- En 509 Structure of Modern English (3)
- En 516 TESOL Methods (3)

### **TESOL Certificate of Completion, Intermediate** (12 credits)

- Li 301 Descriptive Linguistics (3)
- En 508 History of the English Language or SSS 504 Cultural Anthropology (3)
- En 509 Structure of Modern English (3)
- En 516 TESOL Methods (3)

### **TESOL Certificate of Completion, Advanced** (25 credits)

- Li 301 Descriptive Linguistics (3)
- En 508 History of the English Language (3)\*
- En 509 Structure of Modern English (3)
- En 510 Advanced Grammar for TESOL (2)
- En 516 TESOL Methods (3)
- En 517 TESOL Practicum (2)
- SSS 504 Cultural Anthropology (3)\*
- Ed 201 Theories of Teaching & Learning (3)\*
- Com 520 Intercultural Communication (3)

*\*Six credits of a single modern language (100/200-level) may be substituted for two of these three courses.*

## CREATIVE WRITING MINOR

The Creative Writing minor provides instruction in the fundamentals of creative writing and its application. Through a wide choice of electives it offers the opportunity to focus on particular applications of imaginative writing: fiction, drama, film and video, and poetry.

A minor in Creative Writing consists of En 203 British Literature since 1688 (3) or En 206 American Literature since 1865 (3); CW 212 Creative Writing (3), En 300 Literary Criticism (3), Com 211 Expository Writing (3) and six credits from CW 411 Short Story Writing (3), CW 412 Novel Writing (3), CW 413 Script Writing (3), CW 414 Poetry Writing (3), CW 415 Writing for Children (3), CW 416 Writing Creative Nonfiction, Com 310 Magazine Writing (3) or ThA 317 Playwriting.

## TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES MINOR

The minor in Teaching English to Speakers of Other Languages (TESOL) prepares a person to teach English to native speakers of other languages, either in the United States or abroad. If SSS 504 is selected, the minor in TESOL will include the courses needed for the Certificate of Completion in TESOL (Intermediate). The minor is 19 credits.

A minor in Teaching English to Speakers of Other Languages consists of Ed 201 Theories of Teaching & Learning (3), Li 301 Descriptive Linguistics (3), En 509 Structure of Modern English (3), En 510 Advanced Grammar for TESOL (2), En 516 TESOL Methods (3), En 517 TESOL Practicum (2) (En 517 must follow the completion of En 516), and either SSS 504 Cultural Anthropology (3) or Com 520 Intercultural Communication (3). We recommend that candidates also take six credits of a single modern language on the elementary or intermediate level.

## ENGLISH MINOR

The English minor provides a strong liberal-arts context for a wide range of applications. Survey courses on the 200 level offer an introduction to an important body of British and American literature and its intellectual and cultural backgrounds. These and higher-level courses also promote an awareness of the capabilities of language as employed by the great masters of English poetry and prose.

A minor in English consists of En 202 British Literature to 1688 (3) or En 203 British Literature since 1688 (3); En 205 American Literature 1607-1865 (3) or En 206 American Literature since 1865 (3); En 300 Literary Criticism (3) and nine credits of electives with an En prefix at the 300-500 level.

## Bachelor of Arts, English

The Bachelor of Arts degree in English, which offers concentrations in creative writing and literature, prepares Christian students for careers and ministries for which effective written communication is vital. The 39 credits for the creative writing concentration provide both a broad knowledge of literature, from ancient to modern, and experience composing imaginative works across the traditional genres. The 39 credits for the literature concentration integrate coursework that focuses on clear and persuasive discourse, critical reading and research, and analysis of language and literature. Taught within the framework of a biblical worldview, the program meets the needs of students who, recognizing the power of the written word, desire to use it to serve others and to magnify the excellence of God, in a variety of applications in the business and professional world as well as for advanced work in English or other academic pursuits.

## Rhonda S. Galloway, EdD

Program Coordinator

### English (Creative Writing) Program Summary

Major	39
BJU Core	68
Electives	21
<b>Total (minimum)</b>	<b>128</b>

### DEGREE COURSES

#### Major: 39 credits

En 203	British Literature since 1688 (3)
En 206	American Literature since 1865 (3)
En 300	Literary Criticism (3)
En 380	Classical & Medieval Literature (3)
En 381	Modern World Literature (3)
En 479	English Seminar (3)

#### Shakespeare Elective<sup>1</sup> (3)

- En 511 Shakespeare Early Plays (3)
- En 512 Shakespeare Late Plays (3)

CW 212 Creative Writing (3)

CW 411 Short Story Writing (3)

Com 310 Magazine Writing (3)

ThA 317 Playwriting (3)

#### Writing Elective<sup>2</sup> (6)

- CW 412 Novel Writing (3)
- CW 413 Script Writing (3)
- CW 414 Poetry Writing (3)
- CW 415 Writing for Children (3)
- CW 416 Writing Creative Nonfiction (3)
- CW 499 Writing Internship (3)
- Com 206 Fundamentals of Publishing (3)
- Com 222 Fundamentals of Technical Writing (3)
- Com 324 Business Writing (3)
- Com 327 Manuscript Editing (3)

#### BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
Com 211	Expository Writing (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

#### Electives

21 credits and/or select a minor

## SUGGESTED SCHEDULE Creative Writing

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)		Fine Arts Appreciation Elective <sup>3</sup> (2)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Math/Computer or Science Elective (3)		Electives or Minor (1)
	Electives or Minor (1)		<b>Total Credits: 16</b>
	<b>Total Credits: 16</b>		

### Second Year

En 203	British Literature since 1688 (3)	CW 212	Creative Writing (3)
Sc 200	Essential Science (3)	En 206	American Literature since 1865 (3)
Com 211	Expository Writing (3)	SSE 200	Foundations of Economics (3)
	Foreign Language Elective (3)	Bi 230	Hermeneutics (3)
	Electives or Minor (4)		Foreign Language Elective (3)
	<b>Total Credits: 16</b>		Electives or Minor (1)
			<b>Total Credits: 16</b>

### Third Year

CW 411	Short Story Writing (3)	En 380	Classical & Medieval Literature (3)
En 300	Literary Criticism (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 310	Magazine Writing (3)
Ph 200	Themes in Western Thought (3)	Com 410	Oral Communication for the Professions (3)
	Electives or Minor (4)	ThA 317	Play Writing (3)
	<b>Total Credits: 16</b>		Electives or Minor (1)
			<b>Total Credits: 16</b>

### Fourth Year

Bi 499	Apologetics & Worldview (3)	En 479	English Seminar (3)
	Philosophy or Psychology Elective (3)	En 381	Modern World Literature (3)
	Shakespeare Elective <sup>1</sup> (3)		Bible Elective (300/400-level) (2)
	Writing Elective <sup>2</sup> (3)		Writing Elective <sup>2</sup> (3)
	Electives or Minor (4)		Electives or Minor (5)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

<sup>1</sup> En 511 Shakespeare Early Plays or En 512 Shakespeare Late Plays

<sup>2</sup> CW 412 Novel Writing, CW 413 Script Writing, CW 414 Poetry Writing, CW 415 Writing for Children, CW 416 Writing Creative Nonfiction, CW 499 Writing Internship, Com 206 Fundamentals of Publishing, Com 222 Fundamentals of Technical Writing, Com 324 Business Writing or Com 327 Manuscript Editing

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## English (Creative Writing) Program Learning Outcomes

The student will . . .

- Analyze knowledgeably a range of literature from different eras and cultures.
- Compose effectively in multiple literary genres.
- Produce writing that is grammatically appropriate and stylistically effective.
- Exhibit a biblical worldview when evaluating literature or producing works of creative written expression.
- Prepare a manuscript for publication according to professional standards.



## Rhonda S. Galloway, EdD

Program Coordinator

### DEGREE COURSES

Major: 39 credits

En 300	Literary Criticism (3)
En 380	Classical & Medieval Literature (3)
En 479	English Seminar (3)
En 509	Structure of Modern English (3)

#### American Literature Elective<sup>1</sup> (3)

· En 205	American Literature 1607-1865 (3)
· En 206	American Literature since 1865 (3)

#### American Literature Period Elective<sup>2</sup> (3)

· En 541	Early American Literature (3)
· En 542	American Romantic Literature (3)
· En 543	American Realistic & Naturalistic Literature (3)

#### British Literature Elective<sup>3</sup> (3)

· En 202	British Literature to 1688 (3)
· En 203	British Literature since 1688 (3)

#### British Literature Period Elective<sup>4</sup> (3)

· En 521	Sixteenth Century Literature (3)
· En 522	Seventeenth Century Literature (3)
· En 531	Eighteenth Century Literature (3)
· En 532	British Romantic Literature (3)
· En 533	Victorian Literature (3)

#### Shakespeare Elective<sup>5</sup> (3)

· En 511	Shakespeare Early Plays (3)
· En 512	Shakespeare Late Plays (3)

#### English Electives (300- to 500-level) (9)

#### Writing Elective<sup>6</sup> (3)

· CW 212	Creative Writing (3)
· Com 222	Fundamentals of Technical Writing (3)
· Com 310	Magazine Writing (3)
· Com 323	Critical Writing (3)
· Com 324	Business Writing (3)

#### BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
Com 211	Expository Writing (3)
Sc 200	Essential Science (3)

#### Math/Computer or Science Elective (3)

Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
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Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)

#### Philosophy or Psychology Elective (3)

FA 125	Introduction to the Arts (1)
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#### Fine Arts Appreciation Elective<sup>7</sup> (2)

· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)

#### Foreign Language Electives (12)

Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)

#### Bible Elective (300/400-level) (2)

#### Electives

21 credits and/or select a minor

### English (Literature) Program Summary

Major .....	39
BJU Core .....	68
Electives .....	21
<b>Total (minimum) .....</b>	<b>128</b>

### SUGGESTED SCHEDULE Literature

#### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)		Fine Arts Appreciation Elective <sup>3</sup> (2)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Math/Computer or Science Elective (3)		Electives or Minor (1)
	Electives or Minor (1)		<b>Total Credits: 16</b>

#### Second Year

Sc 200	Essential Science (3)	SSE 200	Foundations of Economics (3)
Com 211	Expository Writing (3)	Bi 230	Hermeneutics (3)
	British Literature Elective <sup>3</sup> (3)		American Literature Elective <sup>1</sup> (3)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Electives or Minor (4)		Philosophy or Psychology Elective (3)
	<b>Total Credits: 16</b>		Electives or Minor (1)
			<b>Total Credits: 16</b>

#### Third Year

En 300	Literary Criticism (3)	En 380	Classical & Medieval Literature (3)
En 509	Structure of Modern English (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 410	Oral Communication for the Professions (3)
Ph 200	Themes in Western Thought (3)		English Elective (300- to 500-level) (3)
	Shakespeare Elective <sup>5</sup> (3)		Writing Elective <sup>6</sup> (3)
	Electives or Minor (1)		Electives or Minor (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

#### Fourth Year

Bi 499	Apologetics & Worldview (3)	En 479	English Seminar (1)
	British Literature Period Elective <sup>4</sup> (3)		American Literature Period Elective <sup>2</sup> (3)
	English Elective (300- to 500-level) (3)		Bible Elective (300/400-level) (2)
	Electives or Minor (7)		English Elective (300- to 500-level) (3)
	<b>Total Credits: 16</b>		Electives or Minor (5)
			<b>Total Credits: 16</b>

<sup>1</sup> En 205 American Literature 1607-1865 or En 206 American Literature since 1865

<sup>2</sup> En 541 Early American Literature, En 542 American Romantic Literature or En 543 American Realistic & Naturalistic Literature

<sup>3</sup> En 202 British Literature to 1688 or En 203 British Literature since 1688

<sup>4</sup> En 521 Sixteenth Century Literature, En 522 Seventeenth Century Literature, En 531 Eighteenth Century Literature, En 532 British Romantic Literature or En 533 Victorian Literature

<sup>5</sup> En 511 Shakespeare Early Plays or En 512 Shakespeare Late Plays

<sup>6</sup> CW 212 Creative Writing, Com 310 Magazine Writing, Com 323 Critical Writing, Com 222 Fundamentals of Technical Writing or Com 324 Business Writing

<sup>7</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

### English (Literature) Program Learning Outcomes

The student will . . .

- Analyze, interpret and evaluate literature within a framework of biblical understanding.
- Write an effective literary-critical essay utilizing library resources.
- Analyze audience and situation to create documents that meet rhetorical needs.
- Apply language conventions and effective organization to written discourse.

# DIVISION OF MODERN LANGUAGE & LITERATURE



**Jeremy P. Patterson, DML**  
*Chair*

The Division of Modern Language and Literature offers a major in Spanish, minors in Chinese, French and Spanish, and courses in German. Courses in the division are offered for students to fulfill the bachelor of arts degree requirements in foreign language. Courses are also available as general electives.

## PURPOSE

The Division of Modern Language and Literature exists to teach students to communicate in French, German, Spanish or Chinese and to understand better their own and other cultures, with the ultimate purpose of using their language skills in service to Christ and to others.

## GOALS

The student will ...

- Communicate in the target language at an acceptable level of proficiency.
- Compare the products, practices and perspectives of the source and target cultures.
- Articulate in the target language a biblical perspective on a variety of topics.
- Extend language use through interdisciplinary connections and immersion and service opportunities in target language communities.

## PLACEMENT TESTING

All students, regardless of prior language proficiency or study, who enroll in a modern language course for the first time, must take a placement test to determine the point at which they should begin college language study. Students with no language proficiency or study in their chosen language must meet with Modern Language Department placement test personnel for exemption permission. No college credits are awarded for testing out of language courses.

## LANGUAGE HALLS

BJU Language Halls are language immersion discipleship groups. In both men's and women's residence halls, students may apply to live in one of these discipleship groups where they will speak only the language they are learning. Outside the discipleship group, students, of course, have the freedom to use English, but the daily practice with roommates and discipleship group friends is a tremendous way to increase proficiency and fluency. The Division offers four languages (Chinese, French, German and Spanish), and the availability of places in different language groups depends every year on how many students apply.

## STUDY ABROAD

Spanish majors and minors have the opportunity to participate in BJU's summer abroad program in Spain. This experience provides students with an opportunity to be immersed in both the Spanish language and culture while living with a host family in a small Spanish town. Students take two courses in Spanish culture and communication, visit historic sites and participate actively in community events and local church activities.

### CHINESE MINOR

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the Chinese minor prepares students to become survival-level functional in a Chinese-speaking environment and gives them a solid foundation for continuing their studies in Chinese.

A minor in Chinese consists of MLC 121 Elementary Chinese I (3), MLC 122 Elementary Chinese II (3), MLC 221 Intermediate Chinese I (3), MLC 222 Intermediate Chinese II (3) (offered at Bob Jones University), and two 300-level summer online courses taken from the Beijing Language and Culture University. Students may obtain approval to take the 300-level courses at another college or university; however, acceptance of transfer credits is subject to validation by the Modern Language Department placement process. See prior section on placement testing.

### FRENCH MINOR

In support of the University's commitment to a liberal arts education and to the effective communication of biblical truths, the French minor prepares students to become survival-level functional in a French-speaking environment and gives them a solid foundation for continuing their studies in French.

A minor in French consists of 18 credits of courses with an MLF prefix. It must include MLF 305 French Conversation (3) and MLF 306 French Composition (3). MLF 101 Elementary French I does not count toward the French minor. See prior section on placement testing.

## SPANISH MINOR

In support of the University’s commitment to a liberal arts education and to the effective communication of biblical truths, the Spanish minor prepares students to become survival-level functional in a Spanish-speaking environment and gives them a solid foundation for continuing their studies in Spanish.

A minor in Spanish consists of 18 credits of courses with a MLS prefix. Elementary Spanish (MLS 141, MLS 142) does not count toward the Spanish minor. See prior section on placement testing.

# Bachelor of Arts, Spanish

**M. Amos Kasperek, PhD**  
*Program Coordinator*

Spanish Program Summary	
Major .....	43
BJU Core .....	68
Electives .....	17
<b>Total (minimum) .....</b>	<b>128</b>



In support of the University’s commitment to a liberal arts education and to the effective communication of biblical truths, the Spanish major prepares students to become functional in a Spanish-speaking environment and to pursue advanced studies in Spanish. Students take courses ranging from introductory to advanced language, literature and civilization, and they are encouraged to participate in division-sponsored study abroad courses. The program requires 37 credits in Spanish above the first year of Elementary Spanish (MLS 141, MLS 142) and 6 credits in linguistics.

### Program Learning Outcomes

The student will ...

- Communicate in Spanish at the Advanced level in the interpersonal mode.
- Communicate in Spanish at the Advanced level in the presentational mode.
- Understand Spanish at the Advanced level in the interpretive mode.
- Evaluate Hispanic cultures from a biblical worldview.

## DEGREE COURSES

Major: 43 credits

Li 301	Descriptive Linguistics (3)
Li 302	Historical-Comparative Linguistics (3)
MLS 241	Intermediate Spanish I (3)
MLS 242	Intermediate Spanish II (3)
MLS 244	Intermediate Spanish III (3)
MLS 479	Spanish Seminar <sup>4</sup> (1)
MLS 490	Special Topics in Hispanic Literature (3)
<i>Spanish Electives (300/400-level) (18)</i>	
<i>Spanish Comp or Linguistics Elective<sup>1</sup> (3)</i>	
· MLS 441	Advanced Spanish Grammar/Composition (3)
· MLS 442	Introduction to Spanish Linguistics (3)
<i>Spanish Lit or Civilization Elective<sup>2</sup> (3)</i>	
· MLS 340	Introduction to Spanish Lit (3)
· MLS 343	Civilization of Latin America (3)
· MLS 344	Civilization of Spain (3)
· MLS 346	Survey of Spanish Lit (3)
· MLS 446	Golden Age Spanish Lit (3)
· MLS 447	Spanish-American Lit to 1880 (3)
· MLS 448	Spanish-American Lit since 1880 (3)

BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Modern Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

Electives:

17 credits and/or select a minor

## SUGGESTED SCHEDULE

First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	MLS 242	Intermediate Spanish II (3)
MLS 241	Intermediate Spanish I (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	Fine Arts Appreciation Elective <sup>3</sup> (2)	
Math/Computer or Science Elective (3)		Electives or Minor (1)	
Electives or Minor (1)		<b>Total Credits: 16</b>	

Second Year

MLS 244	Intermediate Spanish III (3)	Bi 230	Hermeneutics (3)
Sc 200	Essential Science (3)	Philosophy or Psychology Elective (3)	
Ph 200	Themes in Western Thought (3)	Modern Language Elective (3)	
English or Writing Elective (3)		Spanish Elective (300/400-level) (3)	
Modern Language Elective (3)		Electives or Minor (4)	
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

Third Year

SSE 200	Foundations of Economics (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 410	Oral Communication for the Professions (3)
Modern Language Elective (3)		Modern Language Elective (3)	
Spanish Composition or Linguistics Elective <sup>1</sup> (3)		Spanish Elective (300/400-level) (3)	
Spanish Elective (300/400-level) (3)		Spanish Literature or Civilization Elective <sup>2</sup> (3)	
Electives or Minor (1)		Electives or Minor (1)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

Fourth Year

Li 301	Descriptive Linguistics (3)	Li 302	Historical-Comparative Linguistics (3)
MLS 479	Spanish Seminar <sup>4</sup> (1)	Bible Elective (300/400-level) (2)	
MLS 490	Special Topics in Hispanic Literature (3)	Spanish Elective (300/400-level) (3)	
Bi 499	Apologetics & Worldview (3)	Spanish Elective (300/400-level) (3)	
Spanish Elective (300/400-level) (3)		Electives or Minor (5)	
Electives or Minor (3)		<b>Total Credits: 16</b>	

<sup>1</sup> MLS 441 Advanced Spanish Grammar/Composition or MLS 442 Introduction to Spanish Linguistics  
<sup>2</sup> MLS 340 Introduction to Spanish Literature, MLS 343 Civilization of Latin America, MLS 344 Civilization of Spain, MLS 346 Survey of Spanish Literature, MLS 446 Golden Age Spanish Literature, MLS 447 Spanish-American Literature to 1880 or MLS 448 Spanish-American Lit since 1880

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>4</sup> Students must take the Oral Proficiency Interview (OPI) examination in partial fulfillment of the requirements of this course. Candidates must attain the Advanced level on the OPI exam in order to pass the course. Candidates who receive an Intermediate High rating will pass the course only if they complete the Division Remedial Program and demonstrate consistently the ability to perform at the Advanced Level in all three modes of communication.

· Recommended minors: Business and Teaching English to Speakers of Other Languages

# DIVISION OF NATURAL SCIENCE

The Division of Natural Science of the College of Arts and Science includes the Departments of Biology, Chemistry and Physics, and Engineering.

Courses in the division and various departments are offered for students to fulfill the general degree requirements in science. Courses are also available as general electives.

## PURPOSE

The Division of Natural Science offers programs in science and engineering. It also provides the science courses for the liberal arts core, teaching the fundamentals of scientific thinking and encouraging appreciation for science and its relevance to everyday living. It teaches its programs within a biblical framework while maintaining scientific rigor, providing the scholastic and spiritual excellence promised by the BJU Pledge.

## GOALS

The student will ...

- Articulate a biblical response to issues in his or her discipline.
- Solve authentic problems in his or her discipline.
- Explain the concepts and principles that underlie the factual knowledge in his or her discipline.
- Execute the skills characteristic of his or her profession.



**Richard C. Mowrey, Jr., PhD**  
*Chair*

# Department of Biology

**David W. Boyd, Jr., PhD**

*Department Head*

The Department offers a major and minor in Biology, as well as preprofessional programs in Health Sciences and Premed/Preudent. Courses are offered in this department for majors requiring a biology emphasis and for students to fulfill the general degree requirements in science. Courses are also available as general electives.

## BIOLOGY MINOR

The Biology minor provides a general understanding of foundational biological concepts for non-biology majors. It also promotes analytical and critical thinking skills for a wide range of applications.

A minor in Biology consists of 19 credits including Bio 100 General Biology I (4), Bio 101 General Biology II (4), Bio 300 Evolution & Origins (3), and eight credits from Bio 203 Biological Diversity (4), Bio 208 Organismal Biology I (4), Bio 209 Organismal Biology II (4), or Bio 305 Essentials of Cell Biology (4).

## Bachelor of Science, **Biology**

The Biology major captures the breadth of biology while maintaining the necessary depth of preparation for continued study in graduate and professional schools. Students are offered two different tracks to allow a level of specialization appropriate for the undergraduate level. Both tracks require students to study life at the molecular, cellular and organismal levels. Students in both tracks develop the big picture context of the interaction of organisms with each other and with their environment. The students learn a scientific and philosophical refutation of evolution while learning the superior strengths of biblical creation. The Cell Biology track allows development of a deeper focus on the cellular and molecular levels while the Zoo and Wildlife Biology track allows development of an emphasis on selected organisms studied in a field context. Pre-Veterinary advising is available for students who elect the Zoo and Wildlife Biology track. With careful selection of electives, this track can be customized to provide excellent preparation for veterinary medicine programs. This program requires 48–50 credits in the major and supports the Division of Natural Science's goal to train the student to solve authentic problems in the discipline.

### Program Learning Outcomes

The student will ...

- Critically evaluate the limitations of science, materialistic and naturalistic philosophies, and demonstrate the superiority of the biblical worldview in explaining origins.
- Interpret and critique experimental data and experimental designs, formulate testable hypotheses and competently investigate hypotheses in the laboratory or in the field as appropriate.
- Compare and contrast the interrelationship between basic life processes with special emphasis on the role of information and energy transduction.
- Apply the relationship that exists between structure and function at multiple levels of biological organization, and correctly predict the consequences of change or failure.
- Solve inheritance problems that demonstrate an understanding of fundamental transmission genetics.



## Biology (Cell Biology) Program Summary

Major	50
BJU Core	57
Electives	21
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 50 credits

Bio 101	General Biology II (4)
Bio 203	Biological Diversity (4)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 310	Research Methods & Analysis (1)
Bio 320	Human Physiology & Anatomy I (4)
Bio 330	Biomeasurement (3)
Bio 405	Genetics (4)
Bio 409	Independent Study (1)
Bio 410	Independent Study (1)
Bio 479	Critical Eval of Biology Lit (1)
<i>Cell Biology Electives<sup>2</sup> (8)</i>	
· Bio 302	Developmental Biology (4)
· Bio 309	Plant Physiology (4)
· Bio 321	Human Physiology & Anatomy II (4)
· Bio 322	Bacteriology & Virology (4)
· Bio 403	Histology (4)
· Bio 406	Cell & Molecular Biology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives

21 credits and/or select a minor

## Derrick M. Glasco, PhD

Program Coordinator

## SUGGESTED SCHEDULE Cell Biology

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bi 109	New Testament Messages (1)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)	Fine Arts Appreciation Elective <sup>3</sup> (2)	
FA 125	Introduction to the Arts (1)	Electives or Minor (2)	
<i>Mathematics Elective<sup>1</sup> (3)</i>		<b>Total Credits: 15</b>	

### Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 203	Biological Diversity (4)
Bio 330	Biomeasurement (3)	Bio 310	Research Methods & Analysis (1)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
<i>English or Writing Elective (3)</i>		Hi 102	History of Civilization since 1650 (3)
<i>Electives or Minor (2)</i>		Bi 230	Hermeneutics (3)
<b>Total Credits: 16</b>		Electives or Minor (1)	
<b>Total Credits: 16</b>			

### Third Year

Bio 300	Evolution & Origins (3)	SSE 200	Foundations of Economics (3)
Bio 320	Human Physiology & Anatomy I (4)	Bi 360	Bible Doctrines (3)
Bio 479	Critical Evaluation of Biology Literature (1)	Com 410	Oral Communication for the Professions (3)
Chm 206	Essential Organic Chemistry (4)	Cell Biology Elective <sup>2</sup> (4)	
Bi 350	Bible Doctrines (3)	Electives or Minor (3)	
Ph 200	Themes in Western Thought (3)	<b>Total Credits: 16</b>	
<b>Total Credits: 18</b>			

### Fourth Year

Bio 405	Genetics (4)	Bio 410	Independent Study (1)
Bio 409	Independent Study (1)	Bible Elective (300/400-level) (2)	
Bi 499	Apologetics & Worldview (3)	Cell Biology Elective <sup>2</sup> (4)	
<i>Electives or Minor (7)</i>		Philosophy or Psychology Elective (3)	
<b>Total Credits: 15</b>		Electives or Minor (6)	
<b>Total Credits: 16</b>			

<sup>1</sup> Students who place into Ma 103 must also take Ma 180. Students who place into Ma 105 must also take either Ma 180 or Ma 200. Students who place into Ma 200 need only 3 credits of mathematics at this level.

<sup>2</sup> Bio 302 Developmental Biology, Bio 309 Plant Physiology, Bio 321 Human Physiology & Anatomy II, Bio 322 Bacteriology & Virology, Bio 403 Histology or Bio 406 Cell & Molecular Biology

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Recommended minor: Chemistry

## Biology (Cell Biology) Program Learning Outcomes

The student will . . .

- Analyze how cells function internally and in social contexts, including the development and maintenance of tissues and organ systems.
- Apply the central dogma of molecular biology as a limited explanatory model for information storage and regulation of gene expression, and evaluate the role of epigenetic inheritance.

## Biology (Zoo & Wildlife Biology) Program Summary

Major	48
BJU Core	57
Electives	23
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 48 credits

Bio 101	General Biology II (4)
Bio 208	Organismal Biology I (4)
Bio 209	Organismal Biology II (4)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 310	Research Methods & Analysis (1)
Bio 330	Biomeasurement (3)
Bio 401	Ecology (4)
Bio 407	Animal Behavior (4)
Bio 479	Critical Eval of Biology Lit (1)
<i>Zoo &amp; Wildlife Biology Elective<sup>2</sup> (4)</i>	
· Bio 301	Invertebrate Zoology (4)
· Bio 306	Systematics (4)
· Bio 307	Vertebrate Zoology (4)
· Bio 309	Plant Physiology (4)
· Bio 322	Bacteriology & Virology (4)
· Bio 400	Parasitology (4)
· Bio 402	General Entomology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives

23 credits and/or select a minor

## Vincenzo Antignani, PhD Program Coordinator

## SUGGESTED SCHEDULE Zoo & Wildlife Biology

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bi 109	New Testament Messages (1)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)	Fine Arts Appreciation Elective <sup>3</sup> (2)	
FA 125	Introduction to the Arts (1)	Electives or Minor (3)	
<i>Mathematics Elective<sup>1</sup> (3)</i>		<b>Total Credits: 16</b>	

### Second Year

Bio 208	Organismal Biology I (4)	Bio 209	Organismal Biology II (4)
Bio 330	Biomeasurement (3)	Bio 310	Research Methods & Analysis (1)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
English or Writing Elective (3)		Hi 102	History of Civilization since 1650 (3)
Elective or Minor (1)		Bi 230	Hermeneutics (3)
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Third Year

Bio 300	Evolution & Origins (3)	Bi 360	Bible Doctrines (3)
Bio 401	Ecology (4)	Ph 200	Themes in Western Thought (3)
Bio 479	Critical Evaluation of Biology Literature (1)	Com 410	Oral Communication for the Professions (3)
Chm 206	Essential Organic Chemistry (4)	Electives or Minor (7)	
Bi 350	Bible Doctrines (3)	<b>Total Credits: 16</b>	
Electives or Minor (1)			
<b>Total Credits: 16</b>			

### Fourth Year

Bio 305	Essentials of Cell Biology (4)	Bio 407	Animal Behavior (4)
Bi 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
Zoo & Wildlife Biology Elective <sup>2</sup> (4)		Bible Elective (300/400-level) (2)	
Electives or Minor (6)		Philosophy or Psychology Elective (3)	
<b>Total Credits: 17</b>		Electives or Minor (4)	
		<b>Total Credits: 16</b>	

<sup>1</sup> Students who place into Ma 103 must also take Ma 180. Students who place into Ma 105 must also take either Ma 180 or Ma 200. Students who place into Ma 200 need only 3 credits of mathematics at this level.

<sup>2</sup> Bio 301 Invertebrate Zoology, Bio 306 Systematics, Bio 307 Vertebrate Zoology, Bio 309 Plant Physiology, Bio 322 Bacteriology & Virology, Bio 400 Parasitology or Bio 402 General Entomology

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film, HS 401 Health Law & Ethics, HS 405 Patient Safety, or HS 490 Health Science Internship

· Recommended minor: Chemistry

## Biology (Zoo & Wildlife Biology) Program Learning Outcomes

The student will . . .

- Make predictions about the behavior of selected animals in both natural and controlled environments.
- Evaluate theories concerning population, community, and ecosystem complexity.



## Bachelor of Science, Health Sciences

### Jessica L. Minor, PhD

Program Coordinator

#### Health Sciences (General) Program Summary

Major .....	49
BJU Core .....	57
Electives .....	22
<b>Total (minimum).....</b>	<b>128</b>

### DEGREE COURSES

Major: 49 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anat & Phys I (4)
Bio 304	Human Anat & Phys II (4)
FN 260	Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 400	Critical Evaluation of Health Science Literature (1)

#### Biomedical/Research Ethics Elective<sup>6</sup> (3)

- HS 402 Biomedical Ethics (3)
- HS 415 Research Ethics (3)

#### Health Sciences Career Plan Elective<sup>2</sup> (1)

- FN 100 Career Planning in Nutrition (1)
- HS 100 Career Planning in Health  
Sciences (1)

#### Health Sciences Electives<sup>4</sup> (12)

- Bio 308 Microbiology (4)
- ESS 321 Biomechanics (4)
- ESS 322 Physiology of Exercise (3)
- FN 300 Food Science (3)
- FN 340 Sports Nutrition (3)

The Health Sciences program provides the solid groundwork needed for a wide variety of health care professions. Specific concentrations are available in Health Care Administration, Pre-Nutrition, Pre-Pharmacy, Pre-Physical Therapy, Pre-Physician Assistant and Public Health/Global Health. The generic Health Sciences degree without a concentration allows sets of courses to be utilized as preparation for a large number of additional careers in health care, including such diverse endpoints as Optometry and Occupational Health. Woven throughout the program is an explicit focus on applying biblical principles as a health science professional and generating a biblical philosophy of practice. This supports the University's mission statement of teaching our students to apply the scriptures to practical Christian living. The overall program supports the Division of Natural Science's goal of producing graduates adept at the technical skills characteristic of their profession and requires 49–64 credits in the major. Those interested in pre-medicine or nursing should see the Premed/Preudent and Nursing programs, respectively.

· FN 365	Nutrient Metabolism (3)
· FN 380	Nutrition & Disease (3)
· FN 410	Instructional Methods in Nutrition (3)
· HS 301	Epidemiology (3)
· HS 305	Health Care Delivery & Organization (3)
· HS 310	Population Health Management (3)
· HS 320	Principles of Pharmacology (3)
· HS 401	Health Law & Ethics (3)
· HS 405	Patient Safety (3)
· HS 407	Health Care Management (3)
· HS 410	Health Care Economics (3)
· HS 490	Health Sciences Internship (1)

**Chemistry Electives (8)**

· Chm 103	General Chemistry I (4)
· Chm 104	General Chemistry II (4)
· Chm 105	Foundations of Chemistry (4)
· Chm 104	General Chemistry II (4)

Ma 320 Applied Statistics (3)

Psychology Elective (300/400-level) (3)

**BJU Core: 57 credits**

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)

English or Writing Elective (3)

Biology Elective<sup>1</sup> (4)

· Bio 100	General Biology I (4)
· Bio 102	Principles of Biology I (4)

Ma 103 College Algebra (3)

Hi 101 History of Civ c. 3500 BC to AD 1650 (3)

Hi 102 History of Civ since 1650 (3)

SSE 200 Foundations of Economics (3)

Ps 203 Human Growth &amp; Development (3)

Ph 200 Themes in Western Thought (3)

FA 125 Introduction to the Arts (1)

Fine Arts Appreciation Elective<sup>5</sup> (2)

· Ar 225 Appreciation of Art (2)

· Mu 225 Appreciation of Music (2)

· ThA 225 Appreciation of Theatre &amp; Film (2)

Com 101 Fundamentals of Speech (3)

Com 410 Oral Comm for the Professions (3)

Bi 105 Old Testament Messages (1)

Bi 109 New Testament Messages (1)

Bi 230 Hermeneutics (3)

Bi 350 Bible Doctrines (3)

Bi 360 Bible Doctrines (3)

Bi 499 Apologetics &amp; Worldview (3)

Bible Elective (300/400-level) (2)

**Electives**

22 credits and/or select a minor

**SUGGESTED SCHEDULE** General**First Year**

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Ma 103	College Algebra (3)	FN 260	Nutrition (3)
Hi 101	History of Civilization c 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)		Fine Arts Appreciation Elective <sup>5</sup> (2)
	Biology Elective <sup>1</sup> (4)		<b>Total Credits: 16</b>
	Health Sciences Career Plan Elective <sup>2</sup> (1)		
	<b>Total Credits: 17</b>		

**Second Year**

Bio 220	Medical Terminology (1)	HS 300	Global Health (3)
Bio 304	Human Anatomy & Physiology II (4)	Hi 102	History of Civilization since 1650 (3)
HS 200	Introduction to Public Health (3)	Bi 230	Hermeneutics (3)
	Chemistry Elective <sup>3</sup> (4)		Chemistry Elective <sup>3</sup> (4)
	English or Writing Elective (3)		Electives or Minor (2)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

**Third Year**

Ma 320	Applied Statistics (3)	Bi 360	Bible Doctrines (3)
Ps 203	Human Growth & Development (3)		Biomedical/Research Ethics Elective <sup>6</sup> (3)
Bi 350	Bible Doctrines (3)		Health Sciences Elective <sup>4</sup> (3)
Ph 200	Themes in Western Thought (3)		Psychology Elective (300/400-level) (3)
	Health Sciences Elective <sup>4</sup> (3)		Electives or Minor (4)
	Electives or Minor (1)		<b>Total Credits: 16</b>
	<b>Total Credits: 16</b>		

**Fourth Year**

SSE 200	Foundations of Economics (3)	HS 400	Critical Evaluation of Health Science Literature (1)
Bi 499	Apologetics & Worldview (3)	Com 410	Oral Communication for the Professions (3)
	Health Sciences Elective <sup>4</sup> (3)		Bible Elective (300/400-level) (2)
	Electives or Minor (7)		Health Sciences Elective <sup>4</sup> (3)
	<b>Total Credits: 16</b>		Electives or Minor (7)
			<b>Total Credits: 16</b>

<sup>1</sup> Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.<sup>2</sup> FN 100 Career Planning in Nutrition or HS 100 Career Planning in Health Sciences<sup>3</sup> Chm 103 General Chemistry I, Chm 104 General Chemistry II, Chm 105 Foundations of Chemistry or Chm 106 Bio-Organic Chemistry I<sup>4</sup> Bio 308 Microbiology, ESS 321 Biomechanics, ESS 322 Physiology of Exercise, FN 300 Food Science, FN 340 Sports Nutrition, FN 365 Nutrient Metabolism, FN 380 Nutrition & Disease, FN 410 Instructional Methods in Nutrition, HS 301 Epidemiology or HS 305 Health Care Delivery & Organization, HS 310 Population Health Management, HS 320 Principles of Pharmacology, HS 401 Health Law & Ethics, HS 405 Patient Safety, HS 407 Health Care Management, HS 410 Health Care Economics or HS 490 Health Sciences Internship<sup>5</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film<sup>6</sup> HS 402 Biomedical Ethics or HS 415 Research Ethics**Health Sciences (General) Program Learning Outcomes**

The student will . . .

- Develop a philosophy of health science practice that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Describe the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health and health promotion, especially as they relate to the health care system.

## Health Sciences (Health Care Administration) Program Summary

Major	62
BJU Core	57
Electives	9
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

Major: 62 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 305	Health Care Delivery & Organization (3)
HS 310	Population Health Management (3)
HS 400	Critical Evaluation of Health Science Literature (1)
HS 407	Health Care Management (3)
HS 410	Health Care Economics (3)
HS 490	Health Sciences Internship (1)
<i>Biomedical/Research Ethic Elective<sup>2</sup> (3)</i>	
· HS 402	Biomedical Ethics (3)
· HS 415	Research Ethics (3)
Chm 105	Foundations of Chemistry (4)
Chm 106	Bio-Organic Chemistry I (4)
Ma 320	Applied Statistics (3)
<i>Psychology Elective (300/400-level) (3)</i>	
Ac 103	Introduction to Accounting (3)
BA 215	Introduction to Human Resources Management (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)

BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 102	Principles of Biology (4)
Ma 103	College Algebra (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 203	Human Growth & Development (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

Electives

9 credits and/or select a minor

Amy B. Hicks, PhD  
Program Coordinator

## SUGGESTED SCHEDULE Health Care Administration

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bio 102	Principles of Biology (4)	FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)	Bi 109	New Testament Messages (1)
Ma 103	College Algebra (3)	Com 101	Fundamentals of Speech (3)
Hi 101	History of Civilization c 3500 BC to AD 1650 (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
Bi 105	Old Testament Messages (1)		<b>Total Credits: 16</b>
FA 125	Introduction to the Arts (1)		
	<b>Total Credits: 17</b>		

### Second Year

Bio 220	Medical Terminology (1)	HS 300	Global Health (3)
Bio 304	Human Anatomy & Physiology II (4)	Chm 106	Bio-Organic Chemistry I (4)
HS 200	Introduction to Public Health (3)	Hi 102	History of Civilization since 1650 (3)
Chm 105	Foundations of Chemistry (4)	Bi 230	Hermeneutics (3)
	English or Writing Elective (3)	Ac 103	Introduction to Accounting I (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 16</b>

### Third Year

HS 305	Health Care Delivery & Organization (3)	HS 310	Population Health Management (3)
Ma 320	Applied Statistics (3)	Bi 360	Bible Doctrines (3)
Ps 203	Human Growth & Development (3)	BA 215	Introduction to Human Resources Management (3)
Bi 350	Bible Doctrines (3)		Biomedical/Research Ethics Elective <sup>2</sup> (3)
Ph 200	Themes in Western Thought (3)		Psychology Elective (300/400-level) (3)
Mkt 205	Principles of Marketing (3)		<b>Total Credits: 15</b>

### Fourth Year

HS 407	Health Care Management (3)	HS 400	Critical Evaluation of Health Science Literature (1)
SSE 200	Foundations of Economics (3)	HS 410	Health Care Economics (3)
Bi 499	Apologetics & Worldview (3)	HS 490	Health Sciences Internship (1)
Fin 201	Corporate Finance (3)	Com 410	Oral Communication for the Professions (3)
	Electives or Minor (3)		Bible Elective (300/400-level) (2)
	<b>Total Credits: 15</b>		Electives or Minor (6)
			<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film  
<sup>2</sup> HS 402 Biomedical Ethics or HS 415 Research Ethics

## Health Sciences (Health Care Administration) Program Learning Outcomes

The student will . . .

- Develop a philosophy of health care administration that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health promotion and disease prevention within the context of the health care system.
- Analyze the influence of cultural, social, and economic factors on health practices from an individual and population health perspective.
- Analyze the components of health care delivery through a systems-level approach.
- Apply appropriate business principles to decision-making within the health care industry.

## Health Sciences (Pre-Nutrition) Program Summary

Major.....	54
BJU Core.....	57
Electives.....	17
<b>Total (minimum).....</b>	<b>128</b>

## DEGREE COURSES

### Major: 54 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology (4)
FN 100	Career Planning in Nutrition (1)
FN 260	Nutrition (3)
FN 300	Food Science (3)
FN 365	Nutrient Metabolism (3)
FN 380	Nutrition & Disease (3)
FN 410	Instructional Methods in Nutrition (3)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 400	Critical Evaluation of Health Science Literature (1)
HS 415	Research Ethics (3)
HS 490	Health Sciences Internship (1)
Chm 105	Foundations of Chemistry (4)
Chm 106	Bio-Organic Chemistry I (4)
Ma 320	Applied Statistics (3)
	<i>Psychology Elective (300/400-level) (3)</i>

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Bio 102	Principles of Biology I (4)
Ma 103	College Algebra (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 203	Human Growth & Development (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
	<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	<i>Bible Elective (300/400-level) (2)</i>

### Electives

17 credits and/or select a minor

## Melanie H. Schell, MPH Program Coordinator

## SUGGESTED SCHEDULE Pre-Nutrition

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bio 102	Principles of Biology (4)	FN 260	Nutrition (3)
FN 100	Career Planning in Nutrition (1)	Bi 109	New Testament Messages (1)
Ma 103	College Algebra (3)	Com 101	Fundamentals of Speech (3)
Hi 101	History of Civilization c 3500 BC to AD 1650 (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
			<b>Total Credits: 16</b>
Bi 105	Old Testament Messages (1)		
FA 125	Introduction to the Arts (1)		
	<b>Total Credits: 17</b>		

### Second Year

Bio 220	Medical Terminology (1)	FN 300	Food Science (3)
Bio 304	Human Anatomy & Physiology II (4)	HS 300	Global Health (3)
HS 200	Introduction to Public Health (3)	Chm 106	Bio-Organic Chemistry I (4)
Chm 105	Foundations of Chemistry (4)	Hi 102	History of Civilization since 1650 (3)
	English or Writing Elective (3)	Bi 230	Hermeneutics (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 16</b>

### Third Year

FN 365	Nutrient Metabolism (3)	Bio 308	Microbiology (4)
Ma 320	Applied Statistics (3)	HS 415	Research Ethics (3)
Ps 203	Human Growth & Development (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)		Psychology Elective (300/400-level) (3)
Ph 200	Themes in Western Thought (3)		Electives or Minor (3)
	Electives or Minor (1)		<b>Total Credits: 16</b>
	<b>Total Credits: 16</b>		

### Fourth Year

FN 380	Nutrition & Disease (3)	HS 400	Critical Evaluation of Health Science Literature (1)
FN 410	Instructional Methods in Nutrition (3)	HS 490	Health Sciences Internship (1)
SSE 200	Foundations of Economics (3)	Com 410	Oral Communication for the Professions (3)
Bi 499	Apologetics & Worldview (3)		Bible Elective (300/400-level) (2)
	Electives or Minor (4)		Electives or Minor (9)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Health Sciences (Pre-Nutrition) Program Learning Outcomes

The student will . . .

- Develop a philosophy of health science practice that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Describe the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the fundamental principles of chemistry, especially as they relate to the health sciences.
- Apply the principles of health and health promotion, especially as they relate to the health care system.
- Assess the essential nutrient needs of the human body for maintaining health across the lifespan and for preventing disease.
- Advocate principles of sound diet planning based on scientific principles and personal practice.

## Health Sciences (Pre-Pharmacy) Program Summary

Major	64
BJU Core	57
Electives	7
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 64 credits

Bio 101	General Biology II (4)
Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology (4)
Bio 330	Biomeasurement (3)
FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 305	Health Care Delivery & Organization (3)
HS 320	Principles of Pharmacology (3)
HS 400	Critical Evaluation of Health Science Literature (1)
HS 415	Research Ethics (3)
HS 490	Health Sciences Internship (1)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 203	Organic Chemistry I (4)
Chm 204	Organic Chemistry II (4)
Phy 101	Introductory Physics (4)
	<i>Psychology Elective (300/400-level) (3)</i>

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Bio 100	General Biology I (4)
Ma 180	Applied Calculus (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 200	General Psychology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
	<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	<i>Bible Elective (300/400-level) (2)</i>

### Electives

7 credits and/or select a minor

## Brian S. Vogt, PhD

Program Coordinator

## SUGGESTED SCHEDULE Pre-Pharmacy

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)	Bi 109	New Testament Messages (1)
Ma 180	Applied Calculus (3)	Com 101	Fundamentals of Speech (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
Bi 105	Old Testament Messages (1)		<b>Total Credits: 16</b>
FA 125	Introduction to the Arts (1)		
	<b>Total Credits: 17</b>		

### Second Year

Bio 220	Medical Terminology (1)	Bio 303	Human Anatomy & Physiology I (4)
HS 200	Introduction to Public Health (3)	HS 300	Global Health (3)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
	English or Writing Elective (3)	Hi 102	History of Civilization since 1650 (3)
	Electives or Minor (1)	Bi 230	Hermeneutics (3)
	<b>Total Credits: 12</b>		<b>Total Credits: 17</b>

### Third Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology (4)
HS 305	Health Care Delivery & Organization (3)	HS 415	Research Ethics (3)
Chm 203	Organic Chemistry I (4)	Chm 204	Organic Chemistry II (4)
Ps 200	General Psychology (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)		Psychology Elective (300/400-level) (3)
	<b>Total Credits: 17</b>		<b>Total Credits: 17</b>

### Fourth Year

Bio 330	Biomeasurement (3)	HS 320	Principles of Pharmacology (3)
Phy 101	Introductory Physics (4)	HS 400	Critical Evaluation of Health Science Literature (1)
SSE 200	Foundations of Economics (3)	HS 490	Health Sciences Internship (1)
Bi 499	Apologetics & Worldview (3)	Com 410	Oral Communication for the Professions (3)
Ph 200	Themes in Western Thought (3)		Bible Elective (300/400-level) (2)
	<b>Total Credits: 16</b>		Electives or Minor (6)
			<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Health Sciences (Pre-Pharmacy) Program Learning Outcomes

The student will . . .

- Develop a philosophy of pharmaceutical science that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Describe the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the fundamental principles of chemistry, especially as they relate to the pharmaceutical sciences.
- Apply the principles of health and health promotion, especially as they relate to the appropriate use of pharmaceuticals within the health care system.

## Health Sciences (Pre-Physical Therapy) Program Summary

Major .....	62
BJU Core .....	57
Electives .....	9
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

Major: 62 credits

Bio 101	General Biology II (4)
Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology (4)
Bio 480	Physical Therapy Internship (1)
FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 400	Critical Evaluation of Health Science Literature (1)
HS 402	Biomedical Ethics (3)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Phy 101	Introductory Physics (4)
Phy 102	Intermediate Physics (4)
Ma 320	Applied Statistics (3)
Ps 450	Abnormal Psychology (3)
ESS 321	Biomechanics (4)
ESS 322	Physiology of Exercise (4)

BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
Ma 103	College Algebra (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 200	General Psychology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

Electives

9 credits and/or select a minor

## Amy V. Tuck, PhD

Program Coordinator

## SUGGESTED SCHEDULE Pre-Physical Therapy

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)	Bi 109	New Testament Messages (1)
Ma 103	College Algebra (3)	Com 101	Fundamentals of Speech (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Fine Arts Appreciation Elective <sup>1</sup> (2)	
Bi 105	Old Testament Messages (1)	<b>Total Credits: 16</b>	
FA 125	Introduction to the Arts (1)		
<b>Total Credits: 17</b>			

### Second Year

Bio 220	Medical Terminology (1)	Bio 303	Human Anatomy & Physiology I (4)
HS 200	Introduction to Public Health (3)	HS 300	Global Health (3)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
	English or Writing Elective (3)	Hi 102	History of Civilization since 1650 (3)
	Electives or Minor (1)	Bi 230	Hermeneutics (3)
<b>Total Credits: 12</b>		<b>Total Credits: 17</b>	

### Third Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology (4)
Phy 101	Introductory Physics (4)	HS 402	Biomedical Ethics (3)
Ma 320	Applied Statistics (3)	Phy 102	Intermediate Physics (4)
Ps 200	General Psychology (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Ph 200	Themes in Western Thought (3)
<b>Total Credits: 17</b>		<b>Total Credits: 17</b>	

### Fourth Year

SSE 200	Foundations of Economics (3)	Bio 480	Physical Therapy Internship (1)
Ps 450	Abnormal Psychology (3)	HS 400	Critical Evaluation of Health Science Literature (1)
Bi 499	Apologetics & Worldview (3)	Com 410	Oral Communication for the Professions (3)
ESS 321	Biomechanics (4)	ESS 322	Physiology of Exercise (4)
	Electives or Minor (3)	Bible Elective (300/400-level) (2)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Health Sciences (Pre-Physical Therapy) Program Learning Outcomes

The student will . . .

- Develop a philosophy of physical therapy practice that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Analyze the foundational relationships that exist between structures, processes, and information in biological systems.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply principles of human physiology to exercise and exercise therapy.
- Relate basic physical concepts of force, levers, torque, tension and impulse to human anatomy and physiology.



## Health Sciences (Pre-Physician Assistant) Program Summary

Major	54
BJU Core	57
Electives	17
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 54 credits

Bio 101	General Biology II (4)
Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 305	Essentials of Cell Biology (4)
Bio 308	Microbiology (4)
Bio 490	Student Medical Internship (1)
FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 400	Critical Evaluation of Health Science Literature (1)
HS 402	Biomedical Ethics (3)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Ma 320	Applied Statistics (3)
Ps 450	Abnormal Psychology (3)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
Ma 180	Applied Calculus (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 200	General Psychology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives

17 credits and/or select a minor

## Amy V. Tuck, PhD Program Coordinator

## SUGGESTED SCHEDULE Pre-Physician Assistant

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)	Bi 109	New Testament Messages (1)
Ma 180	Applied Calculus (3)	Com 101	Fundamentals of Speech (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Fine Arts Appreciation Elective <sup>1</sup> (2)	
Bi 105	Old Testament Messages (1)	<b>Total Credits: 16</b>	
FA 125	Introduction to the Arts (1)		
<b>Total Credits: 17</b>			

### Second Year

Bio 220	Medical Terminology (1)	Bio 303	Human Anatomy & Physiology I (4)
HS 200	Introduction to Public Health (3)	HS 300	Global Health (3)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
English or Writing Elective (3)		Hi 102	History of Civilization since 1650 (3)
Electives or Minor (2)		Bi 230	Hermeneutics (3)
<b>Total Credits: 13</b>		<b>Total Credits: 17</b>	

### Third Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology (4)
Bio 305	Essentials of Cell Biology (4)	HS 402	Biomedical Ethics (3)
Ma 320	Applied Statistics (3)	Bi 360	Bible Doctrines (3)
Ps 200	General Psychology (3)	Ph 200	Themes in Western Thought (3)
Bi 350	Bible Doctrines (3)	Electives or Minor (3)	
<b>Total Credits: 17</b>		<b>Total Credits: 16</b>	

### Fourth Year

Chm 206	Essential Organic Chemistry (4)	Bio 490	Student Medical Internship (1)
SSE 200	Foundations of Economics (3)	HS 400	Critical Evaluation of Health Science Literature (1)
Ps 450	Abnormal Psychology (3)	Com 410 Oral Communication for the Professions (3)	
Bi 499	Apologetics & Worldview (3)	Bible Elective (300/400-level) (2)	
Electives or Minor (3)		Electives or Minor (9)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> HS 402 Biomedical Ethics or HS 415 Research Ethics

## Health Sciences (Pre-Physician Assistant) Program Learning Outcomes

The student will . . .

- Develop a philosophy of medicine that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Analyze the interrelationship among basic life processes and substances from a biological and biochemical perspective with emphasis on the role of information and energy transduction.
- Apply the relationships of structure and function within the anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health promotion and disease prevention within the context of health care.
- Interpret and critically evaluate experimental data in laboratory and literature environments and articulate appropriate conclusions

## Health Sciences (Public Health/Global Health) Program Summary

Major .....	51
BJU Core .....	57
Electives .....	20
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

### Major: 51 credits

Bio 220	Medical Terminology (1)
Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology (4)
FN 260	Nutrition (3)
HS 100	Career Planning in Health Sciences (1)
HS 200	Introduction to Public Health (3)
HS 300	Global Health (3)
HS 301	Epidemiology (3)
HS 305	Health Care Delivery & Organization (3)
HS 400	Critical Evaluation of Health Science Literature (1)
HS 415	Research Ethics(3)
HS 490	Health Sciences Internship (1)
Chm 105	Foundations of Chemistry (4)
Chm 106	Bio-Organic Chemistry I (4)
Ma 320	Applied Statistics (3)
	Psychology Elective (300/400-level) (3)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	English or Writing Elective (3)
	Biology Elective <sup>1</sup> (4)
	· Bio 100 General Biology I (4)
	· Bio 102 Principles of Biology (4)
Ma 103	College Algebra (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 203	Human Growth & Development (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
	Fine Arts Appreciation Elective <sup>2</sup> (2)
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	Bible Elective (300/400-level) (2)

### Electives

20 credits and/or select a minor

## Jessica Lynn Minor, PhD Program Coordinator

## SUGGESTED SCHEDULE Public Health/Global Health

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
HS 100	Career Planning in Health Sciences (1)	FN 260	Nutrition (3)
Ma 103	College Algebra (3)	Bi 109	New Testament Messages (1)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)		Fine Arts Appreciation Elective <sup>2</sup> (2)
FA 125	Introduction to the Arts (1)		<b>Total Credits: 16</b>
	Biology Elective <sup>1</sup> (4)		
	<b>Total Credits: 17</b>		

### Second Year

Bio 220	Medical Terminology (1)	HS 300	Global Health (3)
Bio 304	Human Anatomy & Physiology II (4)	Chm 106	Bio-Organic Chemistry I (4)
HS 200	Introduction to Public Health (3)	Hi 102	History of Civilization since 1650 (3)
Chm 105	Foundations of Chemistry (4)	Bi 230	Hermeneutics (3)
	English or Writing Elective (3)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 16</b>

### Third Year

HS 305	Health Care Delivery & Organization (3)	Bio 308	Microbiology (4)
Ma 320	Applied Statistics (3)	HS 301	Epidemiology (3)
Ps 203	Human Growth & Development (3)	HS 415	Research Ethics (3)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)		Psychology Elective (300/400-level) (3)
	Electives or Minor (1)		<b>Total Credits: 16</b>
	<b>Total Credits: 16</b>		

### Fourth Year

SSE 200	Foundations of Economics (3)	HS 400	Critical Evaluation of Health Science Literature (1)
Bi 499	Apologetics & Worldview (3)	HS 490	Health Sciences Internship (1)
	Electives or Minor (10)	Com 410	Oral Communication for the Professions (3)
	<b>Total Credits: 16</b>	SSS 504	Cultural Anthropology (3)
			Bible Elective (300/400-level) (2)
			Electives or Minor (6)
			<b>Total Credits: 16</b>

<sup>1</sup> Student will consult with his or her advisor to determine appropriate course selection.

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Health Sciences (Public Health/Global Health) Program Learning Outcomes

The student will . . .

- Develop a philosophy of public health that is biblically sound, scientifically supported, and consistent with best practices in the field.
- Analyze the interrelationship among basic life processes and substances from a biological perspective with emphasis on disease transmission and progression.
- Apply the relationships between anatomy and physiology of the human body, and make correct predictions of the failure of homeostatic mechanisms.
- Apply the principles of health promotion and disease prevention within the context of community health.
- Analyze the influence of cultural, social, and economic factors on health practices from an individual and population health perspective.



## Bachelor of Science, **Premed/Pre dent**

**Marc A. Chetta, MD**  
*Program Coordinator*

### **Premed/Pre dent Program Summary**

Major .....	64
BJU Core .....	57
Electives .....	7
<b>Total (minimum) .....</b>	<b>128</b>

The Premed/Pre dent major provides the student an education that meets pre-professional entrance criteria for medical/dental schools. The student is prepared for the challenges of medical/dental school within the disciplines of biology, chemistry and physics. Because of its composition, the Premed/Pre dent major can serve also as preparation for graduate study in biology or chemistry, if desired. This program supports the divisional goals of students being able to explain the concepts and principles that underlie the factual knowledge in their discipline from a biblical worldview. This program requires 64 credits in the major.

### Program Learning Outcomes

The student will ...

- Formulate a biblical philosophy of medicine incorporating observations and assessments of physicians/dentists in their ethical, professional and clinical environs.
- Analyze the interrelationship among basic life processes and substances from a biological, biochemical and biophysical perspective with special emphasis on the role of information and energy transduction.
- Critically and logically evaluate the limitations of science and the central concepts of neo-Darwinism and construct counter arguments against them.
- Interpret and critique experimental data and experimental designs, formulate testable hypotheses, and competently investigate hypotheses in the laboratory.
- Apply the relationship that exists between structure and function on the cellular, organ system and human levels, and make correct predictions of the failure of homeostatic mechanisms, as well as the positioning of cells during development.
- Solve inheritance problems that demonstrate an understanding of fundamental transmission genetics and evaluate the role of epigenetic inheritance.
- Apply the central dogma of molecular biology as a limited explanatory model for information storage and regulation of gene expression.

## DEGREE COURSES

### Major: 64 credits

Bio 101	General Biology II (4)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 310	Research Methods & Analysis (1)
Bio 320	Human Physiology & Anatomy I (4)
Bio 321	Human Physiology & Anatomy II (4)
Bio 330	Biomeasurement (3)
Bio 405	Genetics (4)
Bio 490	Student Medical Internship (1)
<i>Biology Electives (300/400-level) (8)</i>	
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 206	Essential Organic Chemistry (4)
Chm 405	Biochemistry I (4)
Chm 406	Biochemistry II (4)
<i>Physics Electives<sup>2</sup> (8)</i>	
· Phy 101	Introductory Physics (4)
· Phy 102	Intermediate Physics (4)
· Phy 201	General Physics I (4)
· Phy 202	General Physics II (5)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSS 504	Cultural Anthropology (3)
Ph 200	Themes in Western Thought (3)
HS 402	Biomedical Ethics (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

7 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Bi 109	New Testament Messages (1)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)		Fine Arts Appreciation Elective <sup>3</sup> (2)
FA 125	Introduction to the Arts (1)		<b>Total Credits: 13</b>
	Mathematics Elective <sup>1</sup> (3)		
	<b>Total Credits: 16</b>		

### Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 310	Research Methods & Analysis (1)
Bio 330	Biomeasurement (3)	Chm 104	General Chemistry II (4)
Chm 103	General Chemistry I (4)	Hi 102	History of Civilization since 1650 (3)
	English or Writing Elective (3)	Bi 230	Hermeneutics (3)
	<b>Total Credits: 14</b>	Ph 200	Themes in Western Thought (3)
			Biology Elective (300/400-level) (4)
			<b>Total Credits: 18</b>

### Third Year

Bio 320	Human Physiology & Anatomy I (4)	Bio 321	Human Physiology & Anatomy II (4)
Chm 206	Essential Organic Chemistry (4)	Bio 490	Student Medical Internship (1)
Bi 350	Bible Doctrines (3)	HS 402	Biomedical Ethics (3)
	Physics Elective <sup>2</sup> (4)	Bi 360	Bible Doctrines (3)
	Elective or Minor (3)	SSS 504	Cultural Anthropology (3)
	<b>Total Credits: 18</b>		Physics Elective <sup>2</sup> (4)
			<b>Total Credits: 18</b>

### Fourth Year

Bio 300	Evolution & Origins (3)	Chm 406	Biochemistry II (4)
Bio 405	Genetics (4)	Com 410	Oral Communication for the Professions (3)
Chm 405	Biochemistry I (4)		Bible Elective (300/400-level) (2)
Bi 499	Apologetics & Worldview (3)		Biology Elective (300/400-level) (4)
	Electives or Minor (3)		Electives or Minor (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 14</b>

<sup>1</sup> Students who place into Ma 103 must also take Ma 180. Students who place into Ma 105 must also take either Ma 180 or Ma 200. Students who place into Ma 200 need only 3 credits of mathematics at this level.

<sup>2</sup> Phy 101 Introductory Physics and Phy 102 Intermediate Physics or Phy 201 General Physics I and Phy 202 General Physics II.

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Students planning to take the Medical College Admission Test (MCAT) should also take Abnormal Psychology.  
· Premed/Preudent candidacy will be determined by a faculty committee's evaluation of the student's performance after the sophomore year.

# Department of Chemistry & Physics

**Brian S. Vogt, PhD**

*Department Head*

The Department offers a major and minor in Chemistry, a major in Biochemistry and Molecular Biology, and a major and minor in Physics. Courses are offered in this department for majors requiring a chemistry or physics emphasis and for students to fulfill the general degree requirements in science. Courses are also available as general electives.



## Bachelor of Science, **Biochemistry & Molecular Biology**

**Brian S. Vogt, PhD**  
*Program Coordinator*

### **Biochemistry & Molecular Biology Program Summary**

Major .....	67
BJU Core .....	58
Electives .....	3
<b>Total (minimum) .....</b>	<b>128</b>

Students in the biochemistry and molecular biology program are prepared for graduate studies or entry-level positions in biotechnology, pharmaceuticals, forensics, medical research or related industries. This program requires 33 credits of chemistry, 30 credits of biology and 8–9 credits of physics. It aligns with the goals of the Division of Natural Science by requiring the student to solve authentic problems, explain concepts and principles, execute skills characteristic of the profession and articulate a biblical response to issues in the discipline.

### Program Learning Outcomes

The student will ...

- Critically analyze scientific data and ideas.
- Account for the chemical and physical properties of proteins, nucleic acids, and other molecules in terms of chemical concepts and principles.
- Employ the scientific method in designing experiments in the laboratory to answer scientific questions.
- Solve scientific problems.
- Execute standard biochemical laboratory techniques.
- Compose reports that communicate conclusions drawn from the analysis of biochemical data.

## DEGREE COURSES

## Major: 67 credits

Bio 101	General Biology II (4)
Bio 300	Evolution & Origins (3)
Bio 305	Essentials of Cell Biology (4)
Bio 322	Bacteriology & Virology (4)
Bio 330	Biomeasurement (3)
Bio 405	Genetics (4)
Bio 406	Cell & Molecular Biology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 203	Organic Chemistry I (4)
Chm 204	Organic Chemistry II (4)
Chm 207	Analytical Chemistry (4)
Chm 301	Introduction to Molecular Modeling (2)
Chm 403	Research in Chemistry I (2)
Chm 404	Research in Chemistry II (1)
Chm 405	Biochemistry I (4)
Chm 406	Biochemistry II (4)
<i>Physics Electives<sup>2</sup> (8)</i>	
· Phy 101	Introductory Physics (4)
· Phy 102	Intermediate Physics (4)
· Phy 201	General Physics I (4)
· Phy 202	General Physics II (5)

## BJU Core: 58 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
Ma 200	Calculus I <sup>1</sup> (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## Electives

3 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Ma 200	Calculus I <sup>1</sup> (4)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	<b>Total Credits: 15</b>	
<b>Total Credits: 13</b>			

## Second Year

Bio 305	Essentials of Cell Biology (4)	Bio 322	Bacteriology & Virology (4)
Bio 330	Biomeasurement (3)	Chm 104	General Chemistry II (4)
Chm 103	General Chemistry I (4)	Hi 102	History of Civilization since 1650 (3)
Ph 200	Themes in Western Thought (3)	Bi 230	Hermeneutics (3)
English or Writing Elective (3)		Electives or Minor (3)	
<b>Total Credits: 17</b>			

## Third Year

Bio 300	Evolution & Origins (3)	Chm 204	Organic Chemistry II (4)
Chm 203	Organic Chemistry I (4)	Chm 207	Analytical Chemistry (4)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 410	Oral Communication for the Professions (3)	Physics Elective <sup>2</sup> (4)	
Physics Elective <sup>2</sup> (4)		<b>Total Credits: 15</b>	
<b>Total Credits: 17</b>			

## Fourth Year

Bio 405	Genetics (4)	Bio 406	Cell & Molecular Biology (4)
Chm 403	Research in Chemistry I (2)	Chm 301	Introduction to Molecular Modeling (2)
Chm 405	Biochemistry I (4)	Chm 404	Research in Chemistry II (1)
Bi 499	Apologetics & Worldview (3)	Chm 406	Biochemistry II (4)
Fine Arts Appreciation Elective <sup>3</sup> (2)		SSE 200	Foundations of Economics (3)
Philosophy or Psychology Elective (3)		Bible Elective (300/400-level) (2)	
<b>Total Credits: 18</b>			
<b>Total Credits: 16</b>			

<sup>1</sup> Calculus II is also needed if General Physics I and II are taken.<sup>2</sup> Phy 101 Introductory Physics and Phy 102 Intermediate Physics or Phy 201 General Physics I and Phy 202 General Physics II<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## CHEMISTRY MINOR

The Chemistry minor provides knowledge of chemistry necessary for medical and health-related fields. It also offers needed chemical knowledge for a variety of careers in the physical and food sciences, criminology, engineering, and other businesses and industries.

A minor in chemistry consists of 20 credits including Chm 103 General Chemistry I (4), Chm 104 General Chemistry II (4), and 12 credits from either an emphasis in biochemistry, including Chm 206 Essential Organic Chemistry (4), Chm 405 Biochemistry I (4), and either Chm 406 Biochemistry II (4) or Chm 418 Instrumental Analysis (4), or an emphasis in organic chemistry, including Chm 203 Organic Chemistry I (4), Chm 204 Organic Chemistry II (4), and either Chm 405 (4) or Chm 418 (4).

## Bachelor of Science, **Chemistry**

**Robert E. Lee Sr., PhD**

*Program Coordinator*

### Chemistry Program Summary

Major .....	68
BJU Core .....	57
Electives .....	7
<b>Total (minimum) .....</b>	<b>128</b>



Students majoring in chemistry take chemistry, mathematics and physics courses to prepare them for further training in graduate programs and entry-level positions in the chemical, pharmaceutical and biotechnology industries. This program requires a 68-credit combination of chemistry (44 credits), mathematics (12 credits), physics (9 credits) and biology (3 credits). It supports the mission of the Division of Natural Science to teach students to explain the concepts and principles of chemistry, execute the skills characteristic of chemists, solve authentic chemical problems, and articulate a biblical response to issues in chemistry.

### Program Learning Outcomes

The student will ...

- Account for the chemical and physical properties of substances in terms of chemical concepts and principles, and where appropriate to do so from the perspective of a biblical worldview.
- Solve problems by use of both mathematical and general scientific problem-solving skills in a variety of lecture and laboratory contexts.
- Execute standard chemistry laboratory techniques.
- Analyze data to identify trends and evaluate accuracy, precision and statistical validity.
- Compose reports that communicate conclusions drawn from data analysis.
- Design and implement scientific experiments.



## DEGREE COURSES

Major: 64 credits

Bio 103	Fundamentals of Biology (3)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Chm 203	Organic Chemistry I (4)
Chm 204	Organic Chemistry II (4)
Chm 207	Analytical Chemistry (4)
Chm 301	Introduction to Molecular Modeling (2)
Chm 303	Physical Chemistry I (4)
Chm 304	Physical Chemistry II (4)
Chm 403	Research in Chemistry I (2)
Chm 404	Research in Chemistry II (1)
Chm 405	Biochemistry I (4)
Chm 409	Inorganic Chemistry (3)
Chm 418	Instrumental Analysis (4)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)

BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

Electives:

7 credits and/or select a minor

## SUGGESTED SCHEDULE

First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 104	General Chemistry II (4)
Chm 103	General Chemistry I (4)	Ma 200	Calculus I (4)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	<b>Total Credits: 15</b>	
Electives or Minor (2)			

Second Year

Chm 203	Organic Chemistry I (4)	Chm 204	Organic Chemistry II (4)
Phy 201	General Physics I (4)	Phy 202	General Physics II (5)
Ma 202	Calculus II (4)	Ma 301	Calculus III (4)
English or Writing Elective (3)		Bi 230	Hermeneutics (3)
Electives or Minor (1)		Fine Arts Appreciation Elective <sup>1</sup> (2)	
<b>Total Credits: 16</b>		<b>Total Credits: 18</b>	

Third Year

Bio 103	Fundamentals of Biology (3)	Chm 207	Analytical Chemistry (4)
Chm 303	Physical Chemistry I (4)	Chm 304	Physical Chemistry II (4)
Bi 350	Bible Doctrines (3)	Hi 102	History of Civilization since 1650 (3)
Ph 200	Themes in Western Thought (3)	SSE 200	Foundations of Economics (3)
Electives or Minor (2)		Bi 360	Bible Doctrines (3)
<b>Total Credits: 15</b>		<b>Total Credits: 17</b>	

Fourth Year

Chm 403	Research in Chemistry I (2)	Sc 200	Essential Science (3)
Chm 405	Biochemistry I (4)	Chm 301	Introduction to Molecular Modeling (2)
Chm 409	Inorganic Chemistry (3)	Chm 404	Research in Chemistry II (1)
Chm 418	Instrumental Analysis (4)	Bi 499	Apologetics & Worldview (3)
Bible Elective (300/400-level) (2)		Com 410	Oral Communication for the Professions (3)
Electives or Minor (1)		Philosophy or Psychology Elective (3)	
<b>Total Credits: 16</b>		Electives or Minor (1)	
		<b>Total Credits: 16</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· One year of biochemistry is strongly recommended.

## PHYSICS MINOR

The Physics minor provides a sampling of the major elements of physics. It promotes a general understanding of basic phenomena in classical and modern physics that represent the foundation of contemporary physics.

A minor in Physics consists of Phy 201 General Physics I (4), Phy 202 General Physics II (5), Phy 408 Modern Physics (3), Phy 409 Introduction to Quantum Mechanics I (3), and three credits of electives with a Phy prefix above the 100 level. Recommended electives: Phy 308 Electricity & Magnetism I (3), Phy 356 Mechanics I (3), Phy 403 Optics (3), and Phy 410 Introduction to Quantum Mechanics II (3).

## Bachelor of Science, **Physics**

### Robert L. Hill, EdD

Program Coordinator

#### Physics Program Summary

Major.....	68
BJU Core .....	57
Electives .....	3
<b>Total (minimum) .....</b>	<b>128</b>



Students in this major will be prepared for graduate school by taking 40 credits of physics, 18 credits of math, and 17 credits of other science. After graduate school students can pursue careers in physics or astronomy related fields including atmospheric physics, astrophysics, geophysics, cosmology, medical physics or condensed matter. A department goal is the training of astronomers and physicists for contribution to the development of a consistent, biblically based creation model. This program aligns with the mission of the College and Arts and Science in that it helps the student to understand and respond constructively to problems in the larger world.

### Program Learning Outcomes

The student will ...

- Apply core physics principles to problem solving.
- Conduct experiments and analyze and interpret results with respect to physical principles.
- Apply mathematical knowledge to solutions of problems.
- Compose reports that communicate results drawn from data analysis.
- Conduct an oral presentation on a scientific topic.
- Analyze scientific results in terms of a biblical worldview.

## DEGREE COURSES

## Major: 68 credits

Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Ele 205	Basic Circuit Analysis I (3)
Phy 110	Physics Survey (1)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Phy 308	Electricity & Magnetism I (3)
Phy 309	Electricity & Magnetism II (3)
Phy 356	Mechanics I (3)
Phy 357	Mechanics II (3)
Phy 402	Thermodynamics/Statistical Mechanics (3)
Phy 403	Optics (3)
Phy 408	Modern Physics (3)
Phy 409	Introduction to Quantum Mechanics I (3)
Phy 410	Introduction to Quantum Mechanics II (3)
Phy 490	Research in Physics I (1)
Phy 497	Research in Physics II (1)
<i>Astr or Circuit Analysis Elective<sup>1</sup> (3)</i>	
· As 151	Stellar & Galactic Astronomy (3)
· Ele 206	Basic Circuit Analysis II (3)
<i>Observational Astr or Exper Physics Elective<sup>2</sup> (2)</i>	
· As 303	Observational Astronomy (2)
· Phy 303	Experimental Physics (2)
Ma 202	Calculus II (4)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)

## BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## Electives:

3 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Phy 202	General Physics II (5)
Phy 201	General Physics I (4)	Ma 202	Calculus II (4)
Ma 200	Calculus I (4)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	<b>Total Credits: 16</b>	
<b>Total Credits: 14</b>			

## Second Year

Ele 205	Basic Circuit Analysis I (3)	Chm 104	General Chemistry II (4)
Phy 110	Physics Survey (1)	Ma 300	Elementary Linear Algebra (3)
Chm 103	General Chemistry I (4)	Ma 301	Calculus III (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 230	Hermeneutics (3)	Astr or Circuit Analysis Elective <sup>1</sup> (3)	
English or Writing Elective (3)		<b>Total Credits: 17</b>	
<b>Total Credits: 17</b>			

## Third Year

Phy 356	Mechanics I (3)	Sc 200	Essential Science (3)
Phy 402	Thermodynamics/Statistical Mechanics (3)	Phy 357	Mechanics II (3)
Phy 408	Modern Physics (3)	Phy 403	Optics (3)
Bi 350	Bible Doctrines (3)	Ma 406	Differential Equations (3)
Observational Astr or Exper Physics Elective <sup>2</sup> (2)		Bi 360	Bible Doctrines (3)
Philosophy or Psychology Elective (3)		<b>Total Credits: 15</b>	
<b>Total Credits: 17</b>			

## Fourth Year

Phy 308	Electricity & Magnetism I (3)	Phy 309	Electricity & Magnetism II (3)
Phy 409	Introduction to Quantum Mechanics I (3)	Phy 410	Intro to Quantum Mechanics II (3)
Phy 490	Research in Physics I (1)	Phy 497	Research in Physics II (1)
Bi 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
Com 410	Oral Communication for the Professions (3)	Ph 200	Themes in Western Thought (3)
Fine Arts Appreciation Elective <sup>4</sup> (2)		Bible Elective (300/400-level) (2)	
Electives or Minor (1)		Electives or Minor (1)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

<sup>1</sup> As 151 Stellar & Galactic Astronomy or Ele 206 Basic Circuit Analysis II<sup>2</sup> As 303 Observational Astronomy or Phy 303 Experimental Physics<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

- This major provides a foundation for students desiring advanced work in physics or astronomy.
- Recommended minors: Chemistry and Mathematics

# Department of Engineering

**William P. Lovegrove, PhD**

*Department Head*

The Department offers a major in Engineering. Courses are offered in this department for students to fulfill the general degree requirements in science. Courses are also available as general electives.



## Bachelor of Science, **Engineering**



The Department offers a major in Engineering. Students choose a concentration in computer, electrical or mechanical engineering. The program supports the mission of the College of Arts and Science by uniquely enabling students to respond constructively to problems in the larger world. The engineering program is accredited by the Engineering Accreditation Commission of ABET ([www.abet.org](http://www.abet.org)). The program requires 51 credits of engineering and 33 credits of math and science. The program also requires individual and multidisciplinary team design projects. The program is designed to equip students for entry-level jobs in engineering or for further study in an engineering specialty.

### Program Learning Outcomes

The student will ...

- Apply a core of knowledge necessary to engineering practice.
- Design and perform experiments and properly use the results.
- Exercise the technical skills necessary to work well in the engineering community.
- Exercise the skills necessary to perform engineering design.
- Exercise the skills necessary to function in the engineering workplace.
- Exhibit the personal traits and attitudes that enable a person to pursue a life of Christlike character.

## Engineering (Computer) Program Summary

Major	80
BJU Core	54
<b>Total (minimum)</b>	<b>134</b>

## DEGREE COURSES

### Major: 80 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
Ele 110	Digital Electronics (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Eng 101	Introduction to Engineering (3)
Eng 200	Statics & Strength of Materials (3)
Eng 308	Electromagnetics I (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)
Eng 407	Linear System Analysis (3)
Eng 408	Linear Control Systems (3)
CpS 209	Computer Science II (3)
CpS 210	Data Structures (3)
CpS 230	Computer Systems (3)
CpS 335	Computer Network Fundamentals (3)
Ele 404	Microprocessor Interfacing (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
· Ma 105	Trigonometry (3)
· Ma 300	Elementary Linear Algebra (3)
· Ma 303	Discrete Math (3)
· Ma 404	Probability & Statistics I (3)
· Ma 420	Computational Mathematics (3)
CpS 110	Computer Science I (3)

### BJU Core: 54 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## William P. Lovegrove, PhD Program Coordinator

## SUGGESTED SCHEDULE Computer

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Ma 200	Calculus I (4)
Bi 105	Old Testament Messages (1)	Hi 102	History of Civilization since 1650 (3)
Com 101	Fundamentals of Speech (3)	Bi 109	New Testament Messages (1)
	Mathematics Elective <sup>1</sup> (3)	FA 125	Introduction to the Arts (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 18</b>

### Second Year

Ele 205	Basic Circuit Analysis I (3)	Sc 201	Science: Impact on Society (3)
Phy 201	General Physics I (4)	Ele 206	Basic Circuit Analysis II (3)
Ma 202	Calculus II (4)	Phy 202	General Physics II (5)
Bi 230	Hermeneutics (3)	Ma 301	Calculus III (4)
	English or Writing Elective (3)	CpS 110	Computer Science I (3)
	<b>Total Credits: 17</b>		<b>Total Credits: 18</b>

### Third Year

Sc 200	Essential Science (3)	Eng 310	Materials Engineering (3)
Eng 200	Statics & Strength of Materials (3)	Ma 406	Differential Equations (3)
CpS 209	Computer Science II (3)	CpS 335	Computer Network Fundamentals (3)
CpS 230	Computer Systems (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)		Fine Arts Appreciation Elective <sup>2</sup> (2)
	<b>Total Credits: 15</b>		<b>Total Credits: 14</b>

### Fourth Year

Eng 308	Electromagnetics I (3)	Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)	Eng 408	Linear Control Systems (3)
Eng 407	Linear System Analysis (3)	Ele 404	Microprocessor Interfacing (3)
CpS 210	Data Structures (3)	SSE 200	Foundations of Economics (3)
Bi 499	Apologetics & Worldview (3)	Com 410	Oral Communication for the Professions (3)
Ph 200	Themes in Western Thought (3)		Bible Elective (300/400-level) (2)
	<b>Total Credits: 18</b>		<b>Total Credits: 17</b>

<sup>1</sup> Students who place into Ma 105 must take the course their initial semester of enrollment. Students who place into Ma 200 or higher may delay the mathematics elective.

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Engineering candidacy will be determined by the student's successful completion of Ma 105 Transcendental Functions by the end of his or her second semester.

## Engineering (Computer) Program Learning Outcomes

The student will . . .

- Write object-oriented software solutions to real-world problems.
- Design interfaces between microprocessors and common I/O devices.

## Engineering (Electrical) Program Summary

Major	80
BJU Core	54
<b>Total (minimum)</b>	<b>134</b>

## DEGREE COURSES

Major: 80 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
CpS 230	Computer Systems (3)
Ele 110	Digital Electronics (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Ele 301	Electronic Devices (3)
Ele 306	Linear Integrated Circuits (3)
Ele 404	Microprocessor Interfacing (3)
Eng 309	Electromagnetics II (3)
Eng 101	Introduction to Engineering (3)
Eng 200	Statics & Strength of Materials (3)
Eng 308	Electromagnetics I (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)
Eng 407	Linear System Analysis (3)
Eng 408	Linear Control Systems (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
· Ma 105	Trigonometry (3)
· Ma 300	Elementary Linear Algebra (3)
· Ma 303	Discrete Math (3)
· Ma 404	Probability & Statistics I (3)
· Ma 420	Computational Mathematics (3)
CpS 110	Computer Science I (3)

BJU Core: 54 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## Patrick D. McGary, PhD Program Coordinator

## SUGGESTED SCHEDULE Electrical

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Ma 200	Calculus I (4)
Bi 105	Old Testament Messages (1)	Hi 102	History of Civilization since 1650 (3)
Com 101	Fundamentals of Speech (3)	Bi 109	New Testament Messages (1)
	Mathematics Elective <sup>1</sup> (3)	FA 125	Introduction to the Arts (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 18</b>

### Second Year

Ele 205	Basic Circuit Analysis I (3)	Sc 201	Science: Impact on Society (3)
Phy 201	General Physics I (4)	Ele 206	Basic Circuit Analysis II (3)
Ma 202	Calculus II (4)	Phy 202	General Physics II (5)
Bi 230	Hermeneutics (3)	Ma 301	Calculus III (4)
	English or Writing Elective (3)	CpS 110	Computer Science I (3)
	<b>Total Credits: 17</b>		<b>Total Credits: 18</b>

### Third Year

Sc 200	Essential Science (3)	Ele 306	Linear Integrated Circuits (3)
Ele 301	Electronic Devices (3)	Eng 310	Materials Engineering (3)
Eng 200	Statics & Strength of Materials (3)	Ma 406	Differential Equations (3)
CpS 230	Computer Systems (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)		Fine Arts Appreciation Elective <sup>2</sup> (2)
	<b>Total Credits: 15</b>		<b>Total Credits: 14</b>

### Fourth Year

Eng 308	Electromagnetics I (3)	Ele 404	Microprocessor Interfacing (3)
Eng 406	Mechatronics (3)	Eng 309	Electromagnetics II (3)
Eng 407	Linear System Analysis (3)	Eng 405	Design Problems (3)
Bi 499	Apologetics & Worldview (3)	Eng 408	Linear Control Systems (3)
Ph 200	Themes in Western Thought (3)	SSE 200	Foundations of Economics (3)
Com 410	Oral Communication for the Professions (3)		Bible Elective (300/400-level) (2)
	<b>Total Credits: 18</b>		<b>Total Credits: 17</b>

<sup>1</sup> Students who place into Ma 105 must take the course their initial semester of enrollment. Students who place into Ma 200 or higher may delay the mathematics elective.

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Engineering candidacy will be determined by the student's successful completion of Ma 105 Transcendental Functions by the end of his or her second semester.

## Engineering (Electrical) Program Learning Outcomes

The student will . . .

- Design and build board-level electronic circuits.
- Analyze and design electrical systems involving machines and transformers.

## Engineering (Mechanical) Program Summary

Major	80
BJU Core	54
<b>Total (minimum)</b>	<b>134</b>

### DEGREE COURSES

Major: 80 credits

Sc 201	Science: Impact on Society (3)
Chm 107	Chemistry for Engineers (3)
Ele 110	Digital Electronics (3)
Ele 205	Basic Circuit Analysis I (3)
Ele 206	Basic Circuit Analysis II (3)
Ele 303	Electric Machinery (3)
Eng 201	Engineering Dynamics (3)
Eng 210	Computer Aided Design (3)
Eng 320	Thermal Fluid Sciences (3)
Phy 402	Thermodynamics (3)
Eng 101	Introduction to Engineering (3)
Eng 200	Statics & Strength of Materials (3)
Eng 308	Electromagnetics I (3)
Eng 310	Materials Engineering (3)
Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)
Eng 407	Linear System Analysis (3)
Eng 408	Linear Control Systems (3)
Phy 201	General Physics I (4)
Phy 202	General Physics II (5)
Ma 202	Calculus II (4)
Ma 301	Calculus III (4)
Ma 406	Differential Equations (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
· Ma 105	Trigonometry (3)
· Ma 300	Elementary Linear Algebra (3)
· Ma 303	Discrete Math (3)
· Ma 404	Probability & Statistics I (3)
· Ma 420	Computational Mathematics (3)
CpS 110	Computer Science I (3)

BJU Core: 54 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Ma 200	Calculus I (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## William K. Woodham, MS Program Coordinator

### SUGGESTED SCHEDULE Mechanical

#### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Chm 107	Chemistry for Engineers (3)
Eng 101	Introduction to Engineering (3)	Ele 110	Digital Electronics (3)
Hi 101	History of Civilization c. 3500 BC to AD 1650 (3)	Ma 200	Calculus I (4)
Bi 105	Old Testament Messages (1)	Hi 102	History of Civilization since 1650 (3)
Com 101	Fundamentals of Speech (3)	Bi 109	New Testament Messages (1)
	Mathematics Elective <sup>1</sup> (3)	FA 125	Introduction to the Arts (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 18</b>

#### Second Year

Ele 205	Basic Circuit Analysis I (3)	Sc 201	Science: Impact on Society (3)
Phy 201	General Physics I (4)	Ele 206	Basic Circuit Analysis II (3)
Ma 202	Calculus II (4)	Phy 202	General Physics II (5)
Bi 230	Hermeneutics (3)	Ma 301	Calculus III (4)
	English or Writing Elective (3)	CpS 110	Computer Science I (3)
	<b>Total Credits: 17</b>		<b>Total Credits: 18</b>

#### Third Year

Sc 200	Essential Science (3)	Eng 201	Engineering Dynamics (3)
Eng 200	Statics & Strength of Mat (3)	Eng 310	Materials Engineering (3)
Eng 210	Computer Aided Design (3)	Ma 406	Differential Equations (3)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in West. Thought (3)		Fine Arts Appreciation Elective <sup>2</sup> (2)
	<b>Total Credits: 15</b>		<b>Total Credits: 14</b>

#### Fourth Year

Ele 303	Electric Machinery (3)	Eng 320	Thermal Fluid Sciences (3)
Eng 308	Electromagnetics I (3)	Eng 405	Design Problems (3)
Eng 406	Mechatronics (3)	Eng 408	Linear Control Systems (3)
Eng 407	Linear System Analysis (3)	SSE 200	Foundations of Economics (3)
Phy 402	Thermodynamics (3)	Com 410	Oral Communication for the Professions (3)
Bi 499	Apologetics & Worldview (3)		<b>Total Credits: 17</b>
	Bible Elective (300/400-level) (2)		
	<b>Total Credits: 18</b>		

<sup>1</sup> Students who place into Ma 105 must take the course their initial semester of enrollment. Students who place into Ma 200 or higher may delay the mathematics elective.

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Engineering candidacy will be determined by the student's successful completion of Ma 105 Transcendental Functions by the end of his or her second semester.

## Engineering (Mechanical) Program Learning Outcomes

The student will . . .

- Analyze common rigid body and fluid dynamics problems.
- Apply thermodynamics to solve problems of conduction, convection, phase change and radiant heat transfer.



# DIVISION OF MATHEMATICAL SCIENCES



**Melissa K. Gardenghi, PhD**  
*Chair*

The Division of Mathematical Sciences of the College of Arts and Science includes the Departments of Mathematics and Computer Science.

## PURPOSE

In an effort to encourage the growth of Christlike character and increase the student's potential for service to God and others through technical training, the Division of Mathematical Sciences teaches students to describe and think critically about the world in which they live. In support of the College of Arts and Science goals to be able to analyze and evaluate ideas, solve problems and address technical issues biblically, it provides programs in Actuarial Science, Mathematics, Computer Science and Information Technology to students seeking to further their ability to solve relevant and sophisticated problems in a variety of fields using the theory and application of mathematics and computing.

## GOALS

The student will ...

- Understand the essential theory of mathematics/computer science and appropriately apply the theory in solving problems.
- Use critical-thinking/analytical skills.
- Understand mathematical/computing problems and design solutions with the aid of appropriate tools.
- Apply an understanding of how mathematics/computing can be used in service to Christ as tools to the examination of the world He created.
- Construct a foundation upon which they, after graduation, can continue the development of their God-given abilities and the learning necessary for work and life.

# Department of Mathematics

**David D. Brown, PhD**

*Department Head*

The Department offers majors in Actuarial Science and Mathematics. The Actuarial Science major is directed to students going into a risk analysis field. The Mathematics major is directed to students going to graduate school or going into operations research. A minor in Mathematics is available.



## Bachelor of Science, **Actuarial Science**

**Melissa K. Gardenghi, PhD**  
*Program Coordinator*

### **Actuarial Science Program Summary**

Major .....	50
BJU Core .....	56
Electives .....	22
<b>Total (minimum) .....</b>	<b>128</b>

The Actuarial Science major prepares a student with interest in the applications of mathematics to an increasingly broad class of business related problems through a thorough understanding of mathematics. A special emphasis is placed on fields pertinent to risk analysis (or actuarial science). Supporting the Division of Mathematical Sciences goals, the program is sufficiently broad to allow students to continue with graduate studies in mathematics or actuarial science; however, students will also be prepared to seek jobs in industry or government upon graduation. This program requires 50 credits in the major and provides significant exposure to both theoretical and applied statistics as well as a broader exposure to foundational business principles.

### **Program Learning Outcomes**

The student will ...

- Progress logically from premises to valid conclusions in a variety of mathematical and applied contexts including analysis, statistics (both theoretical and applied), probability and finance.
- Apply mathematics to actuarial problems (such as financial math and probability modeling) in exercising the biblical mandate to have dominion over the earth.
- Use technology as a tool for understanding as well as a labor-saving or problem-solving tool.
- Build the communication skills necessary to effectively communicate technical information to a quasi-technical audience and provide the information necessary for data-based decisions.
- Construct a biblically consistent philosophy of topics encountered in actuarial science.

## DEGREE COURSES

### Major: 50 credits

Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 308	Theory of Interest (3)
Ma 388	Applications of Finance (1)
Ma 404	Probability & Statistics I (3)
Ma 405	Probability & Statistics II (3)
Ma 415	Regression & Time Series (3)
Ma 418	Actuarial Mathematics I (3)
Ma 419	Actuarial Mathematic II (3)
Ma 488	Applications of Probability (1)
<i>Mathematics Elective (300/400-level) (3)</i>	
SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
Fin 201	Corporate Finance (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Computer Programming Elective<sup>1</sup> (3)</i>	
· CpS 110	Computer Science I (3)
· CpS 209	Computer Science II (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

22 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 202	Calculus II (4)
Ma 200	Calculus I (4)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
SSE 200	Foundations of Economics (3)	Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)	<i>Computer Programming Elective<sup>1</sup> (3)</i>	
FA 125	Introduction to the Arts (1)	<b>Total Credits: 17</b>	

### Second Year

Ma 301	Calculus III (4)	Ma 300	Elementary Linear Algebra (3)
Ma 404	Probability & Statistics I (3)	Ma 405	Probability & Statistics II (3)
SSE 210	Economics for the Professional (3)	Ma 488	Applications of Probability (1)
Ac 203	Principles of Accounting I (3)	Bi 230	Hermeneutics (3)
<i>English or Writing Elective (3)</i>		Ac 204	Principles of Accounting II (3)
<b>Total Credits: 16</b>		<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
		<i>Electives or Minor (1)</i>	
		<b>Total Credits: 16</b>	

### Third Year

Sc 200	Essential Science (3)	Ma 388	Applications of Finance (1)
Ma 308	Theory of Interest (3)	Ma 415	Regression & Time Series (3)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 410	Oral Communication for the Professions (3)	Fin 201	Corporate Finance (3)
<i>Electives or Minor (4)</i>		<i>Philosophy or Psychology Elective (3)</i>	
<b>Total Credits: 16</b>		<i>Electives or Minor (3)</i>	
		<b>Total Credits: 16</b>	

### Fourth Year

Ma 418	Actuarial Mathematics I (3)	Ma 419	Actuarial Mathematics II (3)
Bi 499	Apologetics & Worldview (3)	<i>Bible Elective (300/400-level) (2)</i>	
Ph 200	Themes in Western Thought (3)	<i>Electives or Minor (11)</i>	
<i>Mathematics Elective (300/400-level) (3)</i>		<b>Total Credits: 16</b>	
<i>Electives or Minor (4)</i>			
<b>Total Credits: 16</b>			

<sup>1</sup> CpS 110 Computer Science I or CpS 209 Computer Science II

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Recommended minors: Business and Computer Science

## MATHEMATICS MINOR

The Mathematics minor provides a general understanding of computational skills and concepts beyond the elementary and intermediate levels. It supports studies in various areas of science and promotes subject area knowledge for the teaching of mathematics on all pre-college levels.

A minor in Mathematics consists of Ma 200 Calculus I (4), Ma 202 Calculus II (4), and 10 credits of electives with an Ma prefix at the 300–400 level. Recommended electives: Ma 300 Elementary Linear Algebra (3), Ma 301 Calculus III (4), Ma 406 Differential Equations (3), and Ma 407 Modern Geometry (3).

## Bachelor of Science, **Mathematics**

**David D. Brown, PhD**

*Program Coordinator*

### Mathematics Program Summary

Major .....	47
BJU Core .....	56
Electives .....	25
<b>Total (minimum) .....</b>	<b>128</b>



In conjunction with the mission of the Division of Mathematical Sciences, the Bachelor of Science degree in Mathematics provides students with a thorough understanding of mathematical concepts, both theory and application, for a career in industry/business or to pursue graduate studies. The program includes 38 credits of mathematics as well as coursework in computer science, physics, engineering or electronics.

### Program Learning Outcomes

The student will ...

- Progress logically from premises to valid conclusions in a variety of mathematical contexts.
- Apply mathematics to model real-life situations.
- Select and use technology for understanding, as well as a labor-saving or problem-solving tool.
- Construct a biblically consistent philosophy of mathematics.

## DEGREE COURSES

### Major: 47 credits

Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 402	Abstract Algebra (3)
Ma 403	Intermediate Analysis (3)
Ma 404	Probability & Statistics I (3)
Ma 406	Differential Equations (3)
Ma 480	Capstone Experience

Ma 481	Capstone Experience
	Mathematics I (1)

Mathematics Electives (300/400-level) (9)  
STEM Electives<sup>2</sup> (9)

- CpS 209 Computer Science II (3) or  
CpS 440 Theoretical Foundations in  
Computer Science (3)
- CpS 210 Data Structures (3)
- CpS 406 Computational Mathematics (3)
- Ele 205 Basic Circuit Analysis I (3)
- Ele 206 Basic Circuit Analysis II (3)
- Eng 200 Statics & Strength of Materials (3)
- Eng 201 Engineering Dynamics (3)
- Eng 407 Linear System Analysis (3)
- Phy 201 General Physics I (4)
- Phy 202 General Physics II (5)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	English or Writing Elective (3)
Sc 200	Essential Science (3)
	Computer Programming Elective <sup>1</sup> (3)
	· CpS 110 Computer Science I (3)
	· CpS 209 Computer Science II (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
	Philosophy or Psychology Elective (3)
FA 125	Introduction to the Arts (1)
	Fine Arts Appreciation Elective <sup>3</sup> (3)
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	Bible Elective (300/400-level) (2)

### Electives:

25 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 202	Calculus II (4)
Ma 200	Calculus I (4)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)		Electives or Minor (3)
	Computer Programming Elective <sup>1</sup> (3)		<b>Total Credits: 17</b>
	<b>Total Credits: 16</b>		

### Second Year

Ma 300	Elementary Linear Algebra (3)	Sc 200	Essential Science (3)
Ma 301	Calculus III (4)	Bi 230	Hermeneutics (3)
	English or Writing Elective (3)		Fine Arts Appreciation Elective <sup>3</sup> (2)
	STEM Elective <sup>2</sup> (3)		STEM Elective <sup>2</sup> (3)
	Electives or Minor (2)		Electives or Minor (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 14</b>

### Third Year

Ma 404	Probability & Statistics I (3)	Ma 406	Differential Equations (3)
SSE 200	Foundations of Economics (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 410	Oral Communication for the Professions (3)
Ph 200	Themes in Western Thought (3)		Mathematics Elective (300/400-level) (3)
	Mathematics Elective (300/400-level) (3)		Electives or Minor (4)
	STEM Elective <sup>2</sup> (3)		<b>Total Credits: 16</b>
	<b>Total Credits: 18</b>		

### Fourth Year

Ma 402	Abstract Algebra (3)	Ma 481	Capstone Experience Mathematics II (1)
Ma 403	Intermediate Analysis (3)		Bible Elective (300/400-level) (2)
Ma 480	Capstone Experience Mathematics I (1)		Mathematics Elective (300/400-level) (3)
Bi 499	Apologetics & Worldview (3)		Philosophy or Psychology Elective (3)
	Electives or Minor (6)		Electives or Minor (7)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

<sup>1</sup> CpS 110 Computer Science I or CpS 209 Computer Science II

<sup>2</sup> CpS 209 Computer Science II (or CpS 440 Theoretical Foundations in Computer Science), CpS 210 Data Structures, and CpS 406 Computational Mathematics; or Ele 205 Basic Circuit Analysis I, Ele 206 Basic Circuit Analysis II, and Eng 407 Linear System Analysis; or Eng 200 Statics & Strength of Materials, Eng 201 Engineering Dynamics, and Phy 201 General Physics I; or Phy 201 General Physics I and Phy 202 General Physics II

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Recommended minors: Business, Chemistry, Computer Science and Physics

# Department of Computer Science

**James A. Knisely, PhD**

*Department Head*

The Department offers majors and minors in Computer Science and Information Technology. In addition to the courses taught for these majors, the department also offers service courses in computer fluency for students who need training in the use of computers or to fulfill the general degree requirements in computer science. Courses are also available as general electives.

## COMPUTER SCIENCE MINOR

The Computer Science minor provides cognitive and practical support for many major study concentrations and prepares the student to function satisfactorily in a computer-oriented world. It also offers adequate professional knowledge to future programmers.

A minor in Computer Science consists of CpS 110 Computer Science I (3), CpS 209 Computer Science II (3), CpS 210 Data Structures (3), CpS 230 Computer Systems (3), and six credits of electives with a CpS prefix.

## Bachelor of Science, **Computer Science**

**James A. Knisely, PhD**

*Program Coordinator*

### Computer Science Program Summary

Major .....	53
BJU Core .....	56
Electives .....	19
<b>Total (minimum) .....</b>	<b>128</b>



The Bachelor of Science degree in Computer Science provides coursework in computer science, mathematics, Bible and the liberal arts. Students will gain an understanding of computer technology and function; design and build secure software using industry standard languages, tools and platforms; and study core areas of the computer science discipline. The student will be prepared for a career in software research and development, and for graduate studies. The degree requires 53 credits in the major and supports the division's goal to train students to solve relevant and sophisticated problems in a variety of fields.

### Program Learning Outcomes

The student will ...

- Design and implement efficient solutions to problems in various domains.
- Apply fundamental concepts in computer science.
- Communicate technical information effectively, including software design and requirements documents.
- Evaluate and assess software technologies for use in solving specific problems.
- Apply biblical principles of ethics to computing.



## DEGREE COURSES

### Major: 53 credits

Ele 110	Digital Electronics (3)
Ma 200	Calculus I (4)
Ma 300	Elementary Linear Algebra (3)
Ma 303	Discrete Math (3)
Ma 320	Applied Statistics (3)
CpS 110	Computer Science I (3)
CpS 209	Computer Science II (3)
CpS 210	Data Structures (3)
CpS 230	Computer Systems (3)
CpS 301	Introduction to Database Management Systems (3)
CpS 310	Microprocessor Architecture (3)
CpS 320	Unix Programming (3)
CpS 350	Programming Language Design (3)
CpS 360	Introduction to Operating Systems (3)
CpS 450	Language Translation Systems (3)
CpS 479	Computer Science Seminar (1)
CpS 491	Computer Security (3)
<i>Computer Science Elective (300/400-level) (3)</i>	

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 222	Fundamentals of Technical Writing (3)
Sc 200	Essential Science (3)
CpS 105	Computer Science Foundations (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives

19 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 200	Calculus I (4)
Ele 110	Digital Electronics (3)	CpS 209	Computer Science II (3)
CpS 105	Computer Science Foundations (3)	Bi 109	New Testament Messages (1)
CpS 110	Computer Science I (3)	Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)	Fine Arts Appreciation Elective <sup>1</sup> (2)	
FA 125	Introduction to the Arts (1)	<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

### Second Year

Sc 200	Essential Science (3)	Ma 320	Applied Statistics (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	CpS 320	Unix Programming (3)
Bi 230	Hermeneutics (3)	Hi 102	History of Civilization since 1650 (3)
CpS 210	Data Structures (3)	SSE 200	Foundations of Economics (3)
CpS 230	Computer Systems (3)	Com 222	Fundamentals of Technical Writing (3)
<b>Total Credits: 15</b>		Electives or Minor (2)	
<b>Total Credits: 17</b>			

### Third Year

Ma 300	Elementary Linear Algebra (3)	CpS 360	Introduction to Operating Systems (3)
CpS 301	Introduction to Database Management Systems (3)	CpS 491	Computer Security (3)
CpS 310	Microprocessor Architecture (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 410	Oral Communication for the Professions (3)
Ph 200	Themes in Western Thought (3)	Electives or Minor (3)	
<b>Total Credits: 17</b>		<b>Total Credits: 15</b>	

### Fourth Year

CpS 350	Programming Language Design (3)	Ma 303	Discrete Math (3)
CpS 479	Computer Science Seminar (1)	CpS 450	Language Translation Systems (3)
Bi 499	Apologetics & Worldview (3)	Bible Elective (300/400-level) (2)	
Computer Science Elective (300/400-level) (3)		Philosophy or Psychology Elective (3)	
Electives or Minor (6)		Electives or Minor (6)	
<b>Total Credits: 16</b>			
<b>Total Credits: 17</b>			

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Recommended minor: Mathematics

## INFORMATION TECHNOLOGY MINOR

The Information Technology minor provides a foundation for understanding computer technology. It prepares the students to work effectively with information technology in their fields of study.

A minor in Information Technology consists of CpS 109 Introduction to Computer Programming (3), CpS 201 Information Technology I (3), CpS 202 Information Technology II (3), CpS 225 Business Systems (3), CpS 301 Introduction to Database Management Systems (3), and three credits of CpS electives.

## Bachelor of Science, Information Technology

**V. Alan Hughes, DBA**  
*Program Coordinator*

Information Technology Program Summary	
Major .....	45
BJU Core .....	56
Electives .....	27
<b>Total (minimum) .....</b>	<b>128</b>



The Bachelor of Science degree in Information Technology provides coursework in information technology, business, Bible and the liberal arts. Students will be prepared for work in the areas of system analysis; system, network and database administration; and help desk management. The development of problem-solving skills is a major emphasis. Exposure to standard computing platforms will help prepare students for industry certification. This program requires 45 credits in the major and contributes to the division's goal to train students to solve relevant and sophisticated problems in a variety of fields.

### Program Learning Outcomes

The student will ...

- Identify and deploy appropriate technology to solve problems in various domains.
- Work effectively in teams.
- Communicate technical information effectively, including business proposals and network documentation.
- Apply biblical principles of ethics to computing.

## DEGREE COURSES

### Major: 45 credits

Ma 320	Applied Statistics (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>	
· Ma 105	Trigonometry (3)
· Ma 180	Applied Calculus (3)
CpS 109	Introduction to Computer Programming (3)
CpS 110	Computer Science I (3)
CpS 201	Information Tech I (3)
CpS 202	Information Tech II (3)
CpS 225	Business Systems (3)
CpS 301	Introduction to Database Management Systems (3)
CpS 335	Computer Network Fundamentals (3)
CpS 340	Project Management (2)
CpS 420	Software Development (3)
CpS 433	Network Administration (3)
CpS 465	Information Tech Internship I (3)
CpS 479	Computer Science Seminar (1)
CpS 491	Computer Security (3)
Com 505	Communication Training & Development (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
Com 222	Fundamentals of Technical Writing (3)
Sc 200	Essential Science (3)
CpS 105	Computer Science Foundations (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

27 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	CpS 109	Introduction to Computer Programming (3)
CpS 105	Computer Science Foundations (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	SSE 200	Foundations of Economics (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Com 101	Fundamentals of Speech (3)
<i>Mathematics Elective<sup>1</sup> (3)</i>		<b>Total Credits: 16</b>	

### Second Year

Sc 200	Essential Science (3)	Ma 320	Applied Statistics (3)
CpS 110	Computer Science I (3)	CpS 202	Information Technology II (3)
CpS 201	Information Technology I (3)	CpS 335	Computer Network Fundamentals (3)
Com 222	Fundamentals of Technical Writing (3)	Bi 230	Hermeneutics (3)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>		Ph 200	Themes in Western Thought (3)
<i>Electives or Minor (1)</i>		<i>Electives or Minor (2)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 17</b>	

### Third Year

CpS 301	Introduction to Database Management Systems (3)	CpS 225	Business Systems (3)
Bi 350	Bible Doctrines (3)	CpS 340	Project Management (2)
Com 410	Oral Communication for the Professions (3)	CpS 491	Computer Security (3)
<i>Electives or Minor (7)</i>		Bi 360	Bible Doctrines (3)
<b>Total Credits: 16</b>		<i>Electives or Minor (6)</i>	
		<b>Total Credits: 17</b>	

### Fourth Year

CpS 420	Software Development (3)	CpS 465	Information Technology Internship I (3)
CpS 433	Network Administration (3)	Bi 499	Apologetics & Worldview (3)
CpS 479	Computer Science Seminar (1)	<i>Philosophy or Psychology Elective (3)</i>	
Com 505	Communication Training & Development (3)	<i>Electives or Minor (7)</i>	
<i>Bible Elective (300/400-level) (2)</i>		<b>Total Credits: 16</b>	
<i>Electives or Minor (4)</i>			
<b>Total Credits: 16</b>			

<sup>1</sup> Ma 105 Trigonometry or Ma 180 Applied Calculus

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Recommended minor: Business

# DIVISION OF NURSING



**Suelane Y. Hannah, MS**  
Chair

The Division of Nursing offers a major in Nursing. The four-year baccalaureate degree program in Nursing has received full approval by the South Carolina State Board of Nursing.

## PURPOSE

The Division of Nursing prepares students academically, clinically and spiritually to function as health care professionals in a variety of clinical settings, such as hospitals, long-term care facilities, outpatient treatment centers, community-based care and the foreign mission field. The curriculum supports the University's commitment to build Christlike character in each student.

## GOALS

The student will ...

- Apply biblical principles and critical thinking skills in order to make decisions and solve problems in the health care field.
- Successfully establish and maintain therapeutic relationships in the health care setting.
- Exhibit professional behavior in the health care setting.

## CLINICAL FACILITIES

The students will utilize a wide variety of clinical facilities in connection with the second, third and fourth year of nursing clinical courses. Among the facilities included in the learning experience are the following: Greenville Health System, Spartanburg Regional Healthcare System, Baptist Easley Hospital, Bon Secours St. Francis Health System, The Carolina Center for Behavioral Health, as well as the Greenville County Health Department and numerous community health agencies.

## Bachelor of Science in **Nursing**

**Jane B. Haertlein, MS**

*Program Coordinator*

### Nursing Program Summary

Major .....	77
BJU Core .....	55
<b>Total (minimum) .....</b>	<b>132</b>

The Nursing major provides preparation for serving God as a professional nurse generalist. All liberal arts and science courses are taught from a biblical Christian perspective; all nursing courses are based on the nursing program's own Biblical Conceptual Model which serves as the foundation for the curriculum. The program is approved by the South Carolina State Board of Nursing, and successful completion enables the graduate to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). A baccalaureate program is to be preferred over an associate degree program because of additional knowledge, experience and service potential. The BSN prepares the nurse for graduate nursing specialization and effective Christian service. This program requires 77 credits in the major and has three academic years of nursing clinical courses as compared to two in most other RN programs.

At least three years of mathematics (including algebra, geometry and trigonometry) and at least three years of science (including a minimum of one year of chemistry and one year of biology) are recommended as high school preparation for the nursing program.

### Program Learning Outcomes

The student will ...

- Implement safe patient-centered care that integrates critical thinking, problem-solving principles and evidence-based practice across the lifespan and in all healthcare settings.
- Utilize appropriate biblical worldview and ethical principles when applying clinical reasoning and judgment to make decisions and solve problems in the healthcare filed.
- Utilize interpersonal communication skills in order to establish and maintain therapeutic and collaborative relationships in the healthcare setting.
- Demonstrate accountability for personal and professional behavior.
- Apply leadership principles to the management of care including collaboration with clients and healthcare professionals.

### Nursing Candidacy Acceptance to Nursing Clinical Courses

All students enrolling in the nursing program are considered pre-nursing until they are accepted to begin clinical courses following their first year of study. Each cohort of new clinical students for the fall semester is chosen during the spring of each year in a competitive admission process based on the eligibility requirements. Meeting the minimum eligibility requirements does not guarantee admission; space in each class is limited to the number of openings available for the nursing clinicals. Students enrolled in nursing clinical courses (Nu-prefixed courses 200 level and above) are required to provide their own transportation to clinical sites.

#### Eligibility Requirements

1. Score of 20 or above on the math, science and composite scores of the ACT (above 23 preferred).
2. Completion of the Test of Essential Academic Skills administered through Assessment Technologies, Inc. during the spring of each year, with a score of 58.7 percent or above given first priority for admission into clinical nursing courses.

## DEGREE COURSES

### Major: 77 credits

Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
Bio 308	Microbiology (4)
Chm 104	General Chemistry II (4)
Nu 200	NP: Fundamentals (5)
Nu 203	NP: Beginning Physical Assessment (3)
Nu 204	NP: Beg Med-Surg/Geriatric Nursing (6)
Nu 300	NP: Medical-Surgical Nursing (5)
Nu 303	Nursing Research & Statistics (3)
Nu 304	NP: Maternal-Newborn Nursing (4)
Nu 305	NP: Pediatric Nursing (4)
Nu 312	Pharmacology (2)
Nu 315	Advanced Pharmacology (2)
Nu 400	NP: Psychiatric Nursing (4)
Nu 401	NP: Adv Medical-Surgical Nursing (6)
Nu 402	Professional Nursing Issues (1)
Nu 406	Nurse in Christian Service (2)
Nu 407	NP: Community Health Nursing (4)
Nu 412	Nursing Practicum (8)
FN 101	Basic Nutrition (2)

### BJU Core: 55 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 102	Principles of Biology (4)
Chm 105	Foundations of Chemistry (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSS 202	Introduction to Sociology (3)
Ph 200	Themes in Western Thought (3)
Ps 203	Human Growth & Development (3)
FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)
Nu 105	Interpersonal Skills for Nurses (2)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

- Overall grade point average at Bob Jones University of at least 2.75 (not including transfer credits) for admission to the second, third and fourth year requirements in nursing (above 3.0 preferred).
- Personal interview with the chair of the Division of Nursing, at which time the student's health and ability to learn nursing skills will be evaluated.
- Grades of C- or better in all science courses, as well as in FN 101 Basic Nutrition and Nu 105 Interpersonal Skills for Nurses.

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bio 102	Principles of Biology (4)	Chm 104	General Chemistry II (4)
Chm 105	Foundations of Chemistry (4)	Nu 105	Interpersonal Skills for Nurses (2)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Com 101	Fundamentals of Speech (3)	FA 125	Introduction to the Arts (1)
<b>Total Credits: 16</b>		FN 101	Basic Nutrition (2)
		<b>Total Credits: 17</b>	

### Second Year

Bio 304	Human Anatomy & Physiology II (4)	Bio 308	Microbiology (4)
Nu 200	NP: Fundamentals (5)	Nu 204	NP: Beginning Medical-Surgical/ Geriatric Nursing (6)
Nu 203	NP: Beginning Physical Assessment (3)	Nu 312	Pharmacology (2)
Ps 203	Human Growth & Development (3)	Bi 230	Hermeneutics (3)
English or Writing Elective (3)		Ph 200	Themes in Western Thought (3)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

### Third Year

Nu 300	NP: Medical-Surgical Nursing (5)	Nu 303	Nursing Research & Statistics (3)
Nu 315	Advanced Pharmacology (2)	Nu 304	NP: Maternal-Newborn Nursing (4)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Nu 305	NP: Pediatric Nursing (4)
SSS 202	Introduction to Sociology (3)	Hi 102	History of Civilization since 1650 (3)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
<b>Total Credits: 16</b>		<b>Total Credits: 17</b>	

### Fourth Year

Nu 401	NP: Advanced Medical-Surgical Nursing (6)	Nu 400	NP: Psychiatric Nursing (4)
Nu 406	Nurse in Christian Service (2)	Nu 402	Professional Nursing Issues (1)
Nu 407	NP: Community Health Nursing (4)	Nu 412	Nursing Practicum (8)
Bible Elective (300/400-level) (2)		Bi 499	Apologetics & Worldview (3)
<b>Total Credits: 14</b>		<b>Total Credits: 16</b>	

- Students with weak backgrounds in mathematics and/or science should consider our five-year curriculum. Please see your advisor or the division chair.
- A grade of C or better is required for both the theory and clinical portions of each nursing course.
- A grade of C or better is required in each nursing and science course before enrollment in the next nursing or science course.
- Current CPR certification (valid through academic year) is required before enrolling in each nursing course.
- An acceptable criminal background check (state, and if necessary, an FBI fingerprint check) and an acceptable urine drug screen are required before going to clinical practice in Nu 200.
- Senior students will take Nu 091 and Nu 092 NCLEX Review during both semesters of the senior year.

# DIVISION OF SOCIAL SCIENCE

The Division of Social Science of the College of Arts and Science includes the Departments of History and Social Studies.

## PURPOSE

The Division of Social Science exists to promote a biblically based study of human interactions and relationships, both historic and contemporary.

## GOALS

The student will ...

- Research and analyze social problems.
- Evaluate diverse ideas according to the critical standards of his or her discipline.
- Integrate understanding and practice of his or her discipline with a biblical worldview.



**John A. Matzko, PhD**  
*Chair*

# Department of History

**Linda K. Hayner, PhD**

*Department Head*

The Department offers a major and minor in History. Courses offered in this department enable students to fulfill the general degree requirements in History. Courses are also available as general electives.

## HISTORY MINOR

The History minor is an appropriate liberal arts complement to a wide variety of majors.

A minor in History consists of Hi 201 United States History to 1865 (3), Hi 202 United States History since 1865 (3), and 12 credits of electives with an Hi prefix.

## Bachelor of Arts, **History**

**Linda K. Hayner, PhD**

*Program Coordinator*

### History Program Summary

Major .....	36
BJU Core .....	68
Electives .....	24
<b>Total (minimum) .....</b>	<b>128</b>

The History major prepares students for graduate studies in history and professional careers that emphasize research and communication. The major provides a biblical view of history, historical research and writing, culminating in the supervised writing of a senior research paper. This program requires 36 credits, including courses in American, western and special area history.

### Program Learning Outcomes

The student will ...

- Analyze changes and continuities in human history.
- Evaluate research materials and historical interpretations from a biblical perspective.
- Construct oral and written historical presentations.



## DEGREE COURSES

## Major: 36 credits

Hi 201	United States History to 1865 (3)
Hi 202	United States History since 1865 (3)
Hi 406	Historiography (3)
Hi 440	Historical Research & Writing (3)
<i>History Electives (300/400-level) (15)</i>	
<i>American History Elective<sup>1</sup> (3)</i>	
· Hi 330	Colonial Era in America (3)
· Hi 333	Civil War & Reconstruction (3)
· Hi 418	History of Religion in America (3)
· Hi 425	America's Ideological Foundations (3)
· Hi 449	American Legal History (3)
· Hi 460	American Social History since 1865 (3)
<i>Special Area History Elective<sup>2</sup> (3)</i>	
· Hi 360	The Non-Western World since 1914 (3)
· Hi 409	The Middle East (3)
· Hi 414	Philosophy of History (3)
· Hi 499	European Studies (3)
<i>Western European History Elective<sup>3</sup> (3)</i>	
· Hi 300	Ancient Near East & Greece (3)
· Hi 301	Rome (3)
· Hi 310	Middle Ages (3)
· Hi 350	The West since 1914 (3)
· Hi 370	Early Modern Eur/French Revolution (3)
· Hi 402	Renaissance (3)
· Hi 405	Reformation (3)
· Hi 407	England to 1750 (3)
· Hi 452	Europe in the 19th Century (3)

## BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>4</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## Electives:

24 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	FA 125	Introduction to the Arts (1)
	Foreign Language Elective (3)	Com 101	Fundamentals of Speech (3)
	Electives or Minor (5)		Foreign Language Elective (3)
	<b>Total Credits: 16</b>		Electives or Minor (2)
			<b>Total Credits: 16</b>

## Second Year

Sc 200	Essential Science (3)	Hi 202	United States History since 1865 (3)
Hi 201	United States History to 1865 (3)	Bi 230	Hermeneutics (3)
	English or Writing Elective (3)		Fine Arts Appreciation Elective <sup>4</sup> (2)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	History Elective (300/400-level) (3)		History Elective (300/400-level) (3)
	<b>Total Credits: 15</b>		Math/Computer or Science Elective (3)
			<b>Total Credits: 17</b>

## Third Year

Bi 350	Bible Doctrines (3)	Hi 406	Historiography (3)
Ph 200	Themes in Western Thought (3)	Bi 360	Bible Doctrines (3)
	American History Elective <sup>1</sup> (3)	Com 410	Oral Communication for the Professions (3)
	Special Area History Elective <sup>2</sup> (3)		Philosophy or Psychology Elective (3)
	Electives or Minor (4)		Western European History Elective <sup>3</sup> (3)
	<b>Total Credits: 16</b>		Electives or Minor (1)
			<b>Total Credits: 16</b>

## Fourth Year

Hi 440	Historical Research & Writing (3)	Bi 499	Apologetics & Worldview (3)
SSE 200	Foundations of Economics (3)		History Elective (300/400-level) (3)
	Bible Elective (300/400-level) (2)		History Elective (300/400-level) (3)
	History Elective (300/400-level) (3)		Electives or Minor (7)
	Electives or Minor (5)		<b>Total Credits: 16</b>
	<b>Total Credits: 16</b>		

<sup>1</sup> Hi 330 Colonial Era in America, Hi 333 Civil War & Reconstruction, Hi 418 History of Religion in America, Hi 425 America's Ideological Foundations (3), Hi 449 American Legal History, or Hi 460 American Social History since 1865

<sup>2</sup> Hi 360 The Non-Western World since 1914, Hi 409 The Middle East, Hi 414 Philosophy of History or Hi 499 European Studies

<sup>3</sup> Hi 300 Ancient Near East & Greece, Hi 301 Rome, Hi 310 Middle Ages Hi 350 The West since 1914, Hi 370 Early Modern Eur/French Revolution, Hi 402 Renaissance, Hi 405 Reformation, Hi 407 England to 1750 or Hi 452 Europe in the 19th Century

<sup>4</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Recommended minors: Creative Writing, English, French, Political Science and Spanish

# Department of Social Studies

**Linda K. Hayner, PhD**

*Department Head*

The Department offers majors in Criminal Justice and International Studies, and minors in Criminal Justice, Political Science and Psychology. Courses offered in this department also fulfill general degree requirements in social studies and serve as general electives.

Internships are available to qualified students.

## POLITICAL SCIENCE MINOR

The Political Science minor prepares the student for participation in the political process and in the workings of local, state, national and international government. It offers courses in political theory, the organization and function of government, the nature and operation of political parties, and methods of participation in the political process.

A minor in Political Science consists of SSP 207 National Government (3), SSP 208 State & Local Government (3), SSP 310 Comparative Politics (3), Hi 425 America's Ideological Foundations (3), and six credits from the following electives: Hi 449 American Legal History (3), Com 431 Special Topics in Journalism & Mass Communication (3), SSP 303 International Relations (3), SSP 304 American Political Parties/Interest Groups (3), SSP 401 Essentials of Public Policy (3), SSP 498 Political Science Internship (3) or SSP 499 Political Science Internship (3).

## PSYCHOLOGY MINOR

The Psychology minor provides an introduction to the field of psychology from a biblical worldview.

A minor in Psychology consists of Ps 200 General Psychology (3) and 15 credits of electives with a Ps prefix.



Bachelor of Arts, **International Studies**

**Brenda T. Schoolfield, PhD**  
*Program Coordinator*

International Studies Program Summary	
Major .....	37
BJU Core .....	74
Electives .....	17
<b>Total (minimum) .....</b>	<b>128</b>

International Studies, an interdisciplinary major, prepares students for graduate work in public administration and careers in international affairs. Its core of history and social studies is complemented by courses in business, foreign language, and communication. The program requires 37 credits in the major; a summer practical experience or an internship in a cross-cultural setting is strongly encouraged. The major supports the division’s goal of promoting a biblically based study of human interactions and relationships.

**Program Learning Outcomes**

The student will ...

- Communicate effectively in cross-cultural settings.
- Evaluate different political systems and economic theories.
- Assess global political development in the modern era.
- Apply biblical principles in cross-cultural settings.

## DEGREE COURSES

## Major: 37 credits

Hi 350	The West since 1914 (3)
Hi 360	The Non-Western World since 1914 (3)
<i>History Elective<sup>3</sup> (3)</i>	
· Hi 370	Early Modern Eur/French Revolution (3)
· Hi 409	The Middle East (3)
· Hi 452	Europe in the 19th Century (3)
SSE 210	Economics for the Professional (3)
SSP 207	National Government (3)
SSP 303	International Relations (3)
SSP 310	Comparative Politics (3)
<i>Political Science Elective (300/400-level)<sup>4</sup> (3)</i>	
· SSP 304	Amer Political Parties/Interest Groups (3)
· SSP 401	Essentials of Public Policy (3)
· SSP 498	Political Science Internship (3)
· SSP 499	Political Science Internship (3)
SSS 200	Introduction to World Cultures (3)
SSS 489	International Studies Seminar (1)
SSS 504	Cultural Anthropology (3)
<i>Business Elective<sup>1</sup> (3)</i>	
· BA 101	Introduction to Business (3)
· Mkt 205	Principles of Marketing (3)
<i>Communication Elective<sup>2</sup> (3)</i>	
· Com 407	Argumentation & Debate (3)
· Com 520	Intercultural Communication (3)
· Com 521	Nonverbal Communication (3)

## BJU Core: 74 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>5</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (18)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## Electives:

17 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	SSE 200	Foundations of Economics (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Com 101	Fundamentals of Speech (3)	FA 125	Introduction to the Arts (1)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Electives or Minor (2)		Electives or Minor (2)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

## Second Year

Sc 200	Essential Science (3)	SSE 210	Economics for the Professional (3)
SSS 200	Introduction to World Cultures (3)	Bi 230	Hermeneutics (3)
SSP 207	National Government (3)		Foreign Language Elective (3)
	English or Writing Elective (3)		Math/Computer or Science Elective (3)
	Foreign Language Elective (3)		Electives or Minor (5)
	<b>Total Credits: 15</b>		<b>Total Credits: 17</b>

## Third Year

Hi 350	The West since 1914 (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 410	Oral Communication for the Professions (3)
SSP 303	International Relations (3)		Business Elective <sup>1</sup> (3)
	Fine Arts Appreciation Elective <sup>5</sup> (2)		Communication Elective <sup>2</sup> (3)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Electives or Minor (2)		Electives or Minor (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

## Fourth Year

SSS 489	International Studies Seminar (1)	Hi 360	The Non-Western World since 1914 (3)
Ph 200	Themes in Western Thought (3)	SSS 504	Cultural Anthropology (3)
	Bible Elective (300/400-level) (2)	SSP 310	Comparative Politics (3)
	Philosophy or Psychology Elective (3)	Bi 499	Apologetics & Worldview (3)
	History Elective <sup>4</sup> (3)		Political Science Elective (300/400-level) <sup>4</sup> (3)
	Electives or Minor (4)		Electives or Minor (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

<sup>1</sup> BA 101 Introduction to Business or Mkt 205 Principles of Marketing<sup>2</sup> Com 407 Argumentation & Debate, Com 520 Intercultural Communication or Com 521 Nonverbal Communication<sup>3</sup> Hi 370 Early Modern Eur/French Revolution, Hi 409 The Middle East or Hi 452 Europe in the 19th Century<sup>4</sup> SSP 304 Amer Political Parties/Interest Groups, SSP 401 Essentials of Public Policy, SSP 498 Political Science Internship or SSP 499 Political Science Internship<sup>5</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· If Chinese is chosen as the foreign language, MLC 121, 122, 221 and 222 will be taken at BJU; two 300-level courses will then be taken online during the summer from the Beijing Language and Culture University. Students may obtain approval to take the 300-level courses at another college or university; however, acceptance of transfer credits is subject to validation by the Modern Language Department placement process.

· It is strongly recommended that international studies majors participate in a university mission team, study tour or practicum during at least one summer following the second year.

· Recommended minors: Chinese, French and Spanish

## CRIMINAL JUSTICE MINOR

The Criminal Justice minor is designed to provide a concise overview of the three main components of the criminal justice system in the United States: law enforcement, corrections and judiciary. Foundational concepts, governing principles and operational imperatives are considered in light of the adverse social conditions they are intended to alleviate.

A minor in Criminal Justice consists of CJ 101 Introduction to Criminal Justice (3), CJ 107 Policing & Community Relations (3), CJ 201 Criminal Law (3), CJ 202 Constitutional Law (3), CJ 310 Criminal Justice Ethics (3), and CJ 404 Critical Issues in Criminal Justice (3).

## Bachelor of Science, Criminal Justice

**Larry W. McKeithan, MS**  
*Program Coordinator*

<b>Criminal Justice Program Summary</b>	
Major .....	48
BJU Core .....	56
Electives .....	24
<b>Total (minimum) .....</b>	<b>128</b>



The Criminal Justice program prepares students for careers within criminal justice such as law enforcement, private security, the courts and corrections in the context of a biblical worldview. The program includes 48 credits of coursework in the theory and practice of criminal justice. The program supports the division’s goal of promoting a biblically based study of human interactions and relationships.

### Program Learning Outcomes

The student will ...

- Appraise the value of the relationship between law enforcement and the community.
- Analyze the relationships between the core components of the criminal justice system.
- Evaluate secular criminological explanations of individual and collective deviant behavior through a biblical worldview.

## DEGREE COURSES

### Major: 48 credits

CJ 101	Introduction to Criminal Justice (3)
CJ 107	Policing & Community Relations (3)
CJ 200	Policing & American Society (3)
CJ 201	Criminal Law (3)
CJ 202	Constitutional Law (3)
CJ 203	Juvenile Delinquency (3)
CJ 310	Criminal Justice Ethics (3)
CJ 312	Criminology (3)
CJ 404	Critical Issues in Criminal Justice (3)
CJ 415	Criminal Justice Internship <sup>2</sup> (3)
<i>Criminal Justice Electives (300/400-level) (9)</i>	
SSP 208	State & Local Government (3)
SSS 202	Introduction to Sociology (3)
Com 324	Business Writing (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 200	General Psychology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	CJ 107	Policing & Community Relations (3)
CJ 101	Introduction to Criminal Justice (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)		Electives or Minor (3)
	Electives or Minor (3)		<b>Total Credits: 16</b>
	<b>Total Credits: 15</b>		

### Second Year

Sc 200	Essential Science (3)	CJ 202	Constitutional Law (3)
CJ 201	Criminal Law (3)	CJ 203	Juvenile Delinquency (3)
SSS 202	Introduction to Sociology (3)	SSE 200	Foundations of Economics (3)
	English or Writing Elective (3)	SSP 208	State & Local Government (3)
	Electives or Minor (3)	Bi 230	Hermeneutics (3)
	<b>Total Credits: 15</b>		Math/Computer or Science Elective (3)
			<b>Total Credits: 18</b>

### Third Year

CJ 310	Criminal Justice Ethics (3)	CJ 200	Policing & American Society (3)
Bi 350	Bible Doctrines (3)	CJ 312	Criminology (3)
Ph 200	Themes in Western Thought (3)	Bi 360	Bible Doctrines (3)
	Criminal Justice Elective (300/400-level) (3)	Com 324	Business Writing (3)
	Criminal Justice Elective (300/400-level) (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
	Electives or Minor (1)		Electives or Minor (2)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Fourth Year

Ps 200	General Psychology (3)	CJ 404	Critical Issues in Criminal Justice (3)
	Bible Elective (300/400-level) (2)	CJ 415	Criminal Justice Internship <sup>2</sup> (3)
	Criminal Justice Elective (300/400-level) (3)	Bi 499	Apologetics & Worldview (3)
	Electives or Minor (8)	Com 410	Oral Communication for the Professions (3)
	<b>Total Credits: 16</b>		Electives or Minor (4)
			<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> Students may substitute this requirement with a CJ elective

· Recommended minors: Business, Chemistry and Spanish

# COURSES

## BRIDGE TO COLLEGE ENGLISH

### **ESL 090** ESL English

Applied study of many aspects of spoken and written English, including grammar, vocabulary and pronunciation. The course includes reading and study skills as well as frequent and varied writing. Required in the Bridge to College English program.

*First semester, zero credit.*

### **ESL 091** Conversation & Study Skills

Oral practice with everyday topics while incorporating vocabulary, prefixes, idioms, proverbs and pronunciation. Study methods and reinforcement of New Testament Messages lectures. Required in the Bridge to College English program

*First semester, zero credit.*

## HUMANITIES

### **Hmn 400** Humanities Seminar

A supervised experience in research and analysis of an issue in the humanities, culminating in a written presentation.

*Second semester, one credit.*

## INTERDISCIPLINARY STUDIES

### **IDS 101** Introduction to Interdisciplinary Studies

An introduction to the philosophy, practice, and applications of interdisciplinary studies. Students explore interdisciplinary ideas and produce an application and contract for entry into the Interdisciplinary Studies degree program. *Second semester, one credit.*

### **IDS 401** Interdisciplinary Studies Capstone

Students produce a thesis, project, or major presentation to fulfil the approved Interdisciplinary Studies contract. *Second semester, two credits.*

## UNIVERSITY

### **Uni 092** Academic Coaching

This course is designed to provide individualized academic coaching to help students develop a plan for success in their chosen program. This course is open to students who change degree programs and may be repeated. *Both semesters, zero credit.*

### **Uni 093** Academic Management Seminar

This course is designed to help students develop the confidence needed for achieving academic success through the supportive relationship of an academic coach. General class instruction along with individualized academic coaching is used to guide students to create and achieve their



academic goals. This course is open to all students and may be repeated. *Both semesters, zero credit.*

#### **Uni 101** First-Year Seminar

Connects new students with the mission and culture of Bob Jones University in order to foster a successful college experience. This course aims to cultivate an appreciation for Christian liberal arts higher education

and the distinctives of BJU, reinforce the principles that comprise the framework of student life expectations, help students extend their academic skills and set realistic goals, encourage engagement in curricular and co-curricular opportunities and develop priorities and disciplines necessary for long-term spiritual success. *Required of freshmen. Both semesters, one credit.*

## DIVISION OF ENGLISH LANGUAGE & LITERATURE

### CREATIVE WRITING

#### **CW 212** Creative Writing

Principles and techniques of imaginative (non-informational and non-argumentative) writing, with an emphasis on fiction. *Both semesters, three credits. Prerequisite: En 103.*

#### **CW 411** Short Story Writing

Principles and techniques of writing short stories. *First semester, three credits. Prerequisite: CW 212.*

#### **CW 412** Novel Writing

Principles and techniques of writing novels. *Three credits. Prerequisite: CW 411.*

#### **CW 413** Script Writing

Principles and techniques of writing or adapting a full-length dramatic script for radio, television, screen or stage. *First semester, three credits.*

#### **CW 414** Poetry Writing

Principles and techniques of poetry composition. *Second semester, three credits. Prerequisite: CW 212.*

#### **CW 415** Writing for Children

Principles and techniques of writing children's literature. Attention to philosophy, writing styles, trends and age categories. Focus on poetry, picture and story books, and short nonfiction. *First semester, three credits. Prerequisite: CW 212.*

**CW 416** Writing Creative Nonfiction

Writing that emphasizes techniques associated with imaginative literature to represent actual experience, with forms including, among others, the memoir, the personal essay, sports writing and the biography. *First semester, three credits. Prerequisite: CW 212.*

**CW 499** Creative Writing Internship

Supervised writing experience. Available to senior Creative Writing majors who have demonstrated a high level of writing competence. Place of internship dependent on program emphasis. *Three credits.*

## ENGLISH

**En 095** Introduction to College English

Basics of sentence structure, including parts of speech, sentence patterns, phrases and clauses. Emphasis on effective paragraph construction. *Required of students with English ACT score 14 or below. Not open to those with English ACT score 15 or above. Not applicable toward associate or baccalaureate English requirement. Both semesters, zero credit. Prerequisite: English ACT score 14 or below or English Placement Test.*

**En 101** Composition & Grammar

Review of sentence structure, punctuation, paragraph development and essay organization. Emphasis on expository writing. *Required of students with English ACT score between 15 and 25. Not open to those with English ACT score above 25. Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: English ACT score 15–25, English Placement Test or En 095.*

**En 102** Composition & Rhetoric

Introduction to academic writing emphasizing argumentation, research, documentation and style; centering on the library paper. *Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: English ACT score 26 or above, English Placement Test or En 101.*

**En 103** Composition & Literature

Critical writing using literary analysis. Discussion of literature by genres and according to basic literary critical concepts and terminology. *Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: En 102.*

**En 202** British Literature to 1688

A historical and critical survey of British literature from Beowulf to 1688. *Both semesters, Distance Learning, three credits. Prerequisite: En 103.*

**En 203** British Literature since 1688

A historical and critical survey of British literature from 1688 to the present. *Both semesters, three credits. Prerequisite: En 103.*

**En 204** American Literature since 1607

A historical and critical survey of American literature from colonial times to the present. *Education majors only. First semester, three credits. Prerequisite: En 103. Excludes: En 205 and En 206.*

**En 205** American Literature 1607–1865

A historical and critical survey of American literature from colonial times to 1865. *Both semesters, Distance Learning, three credits. Prerequisite: En 103. Excludes: En 204.*

**En 206** American Literature since 1865

A historical and critical survey of American literature from 1865 to the present. *Both semesters, three credits. Prerequisite: En 103. Excludes: En 204.*

**En 300** Literary Criticism

Critical principles, approaches and technical concepts and terms important in the interpretation and evaluation of literature. Practice in the criticism of specific works. *Both semesters, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 380** Classical & Medieval Literature

Classical and medieval continental literature most influential upon English writers. In English translation. *Second semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 381** Modern World Literature

Major continental European literature since the Middle Ages, including primarily works in translation. *Second semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 415** Multiethnic Literature

Multiethnic American and world literatures, including works in translation. *First semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 461** British Novel

A critical and historical survey of the British novel from its beginnings to 1914, focusing on representative works of major British novelists. *Second semester, odd-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 462** American Novel

A critical and historical survey of the American novel from its beginnings to 1914, focusing on representative works of major American novelists. *Second semester, even-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 479** English Seminar

Application of skills and knowledge gained in program courses to problems faced in careers in English and creative writing. The course emphasizes the tools of literary research and current trends in literary theory. Submission of a writing portfolio required. *Not applicable toward an English minor, Creative Writing minor or Humanities major. Second semester, three credits.*

**En 503** Chaucer

Poems representative of Chaucer's three literary periods, with primary emphasis upon *Canterbury Tales* and *Troilus and Criseyde*. *No previous training in Middle English required. First semester, even-numbered calendar years, three credits. Prerequisite: En 202.*

**En 504** Milton

The poetry and prose of John Milton, with primary emphasis upon *Paradise Lost*. *First semester, odd-numbered calendar years, three credits. Prerequisite: En 202.*

**En 505** Modern Poetry

Major British and American poetry from 1914 to 1945. *Second semester, odd-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 506** Modern Fiction

Major British and American fiction from 1914 to 1945. *First semester, odd-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 507** Twentieth Century Drama

Major American and European drama during the last century, inclusive of the forerunners Ibsen and Chekhov. *Three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 508** History of the English Language

The English language from the time of earliest records, with emphasis on major external influences and internal changes that have shaped our present language. *Not applicable toward an English minor, Creative Writing major or Humanities major. Second semester, three credits. Prerequisite: En 103.*

**En 509** Structure of Modern English

The phonology, morphology, syntax and semantics of English according to the most significant theoretical approaches; and some applications of this knowledge for teaching effective use of oral and written language to native and non-native speakers of English. *Not applicable toward an English minor, Creative Writing major or Humanities major. First semester, three credits. Prerequisite: En 103.*

**En 510** Advanced Grammar for TESOL

Concentration on areas of English grammar that are most important in teaching English as a second language. *Not applicable toward an English minor, Creative Writing major or Humanities major. Second semester, two credits. Prerequisite: En 509 and Li 301.*

**En 511** Shakespeare: Early Plays

Selected histories, comedies and early tragedies inclusive of *Hamlet*. *First semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 512** Shakespeare: Late Plays

Selected comedies, late romances and major tragedies exclusive of *Hamlet*. *Second semester, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 513** The Bible as Literature

Literary approaches to the understanding and appreciation of the Bible with emphasis upon its unique status as the supernaturally inspired written revelation of God. *First semester, even-numbered calendar years, three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 516** TESOL Methods

Theories of language acquisition and techniques for teaching oral and written English to students whose native language is not English. *Not applicable toward an English minor, Creative Writing major or Humanities major. Second semester, three credits. Prerequisite: En 509.*

**En 517** TESOL Practicum

Supervised structured experiences in a school setting with students whose native language is not English. School placement may be grades 6–8 or 9–12 (K–5 only if the student has had sufficient background in elementary education). Students will observe, tutor individuals and small groups, help the mentor teacher with various instructional activities, and teach at least three lessons to a class. *Not applicable toward an English minor, Creative Writing major or Humanities major. Both semesters, two credits. Prerequisite: En 510 and En 516.*

**En 521** Sixteenth Century Literature

English literature from 1485 to 1603 inclusive of Shakespeare. *Three credits. Prerequisite: En 202.*

**En 522** Seventeenth Century Literature

English literature from 1603 to 1688 exclusive of Shakespeare. *Three credits. Prerequisite: En 202.*

**En 525** Contemporary Poetry

Major British and American poetry from 1945 to the present. *Three credits. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 526** Contemporary Fiction

Major British and American fiction from 1945 to the present. *First semester, odd-numbered calendar years, three credits.*  
*Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

**En 531** Eighteenth Century Literature

British literature from 1688 to 1789. *Three credits.*  
*Prerequisite: En 203.*

**En 532** British Romantic Literature

British literature from 1789 to 1832. *Three credits.*  
*Prerequisite: En 203.*

**En 533** Victorian Literature

British literature from 1832 to 1914. *Three credits.*  
*Prerequisite: En 203.*

**En 541** American Literature to 1820

American literature to 1820, with special focus on the works of Anne Bradstreet, Edward Taylor, Jonathan Edwards and Benjamin Franklin. *Three credits. Prerequisite: En 204 or En 205.*

**En 542** American Literature 1820–1856

American literature from 1820 to 1865, with special focus upon the works of the Knickerbockers and major figures like Ralph Waldo Emerson, Nathaniel Hawthorne, Herman Melville, Edgar Allan Poe and Walt Whitman. *Three credits. Prerequisite: En 204 or En 205.*

**En 543** American Realistic & Naturalistic Literature

American literature from 1865 to 1914, with special focus upon the works of the major realists (Samuel Clemens, Emily Dickinson, William Dean Howells and Henry James) and of the Naturalists (Stephen Crane, Theodore Dreiser and Jack London). *Three credits. Prerequisite: En 204 or En 206.*

**En 596** European Studies: Drama

A study tour of Greece, Italy and England designed to acquaint students with the historical and cultural background of significant European and English dramas, expose them to dramatic production history and architecture, and give them opportunities to attend selected productions. *Three credits.*

**En 597** Field Work: TESOL

Practical experience teaching English as a second language in a foreign country. *Not applicable toward an English minor, Creative Writing major or Humanities major. Three credits.*

**En 598** European Studies: English Literature

Study tour of England, Scotland and Wales designed to include locations representing British literature from medieval to modern writings. *Three credits.*

**En 599** American Studies: Literature

Study tour of the Eastern United States designed to include locations representing the American literary heritage. *Three credits.*

## LINGUISTICS

**Li 301** Descriptive Linguistics

An introduction to phonology, morphology and syntax. Survey of current theoretical approaches. *First semester, three credits. Prerequisite: En 103.*

**Li 302** Historical-Comparative Linguistics

An introduction to historical and comparative linguistics; the applications of linguistics to language study. *Second semester, three credits. Prerequisite: Li 301.*

**Li 303** Field Methods in Linguistics

The skills and techniques that enable a person to learn a language through independent study or to derive maximum benefit from language instruction; includes extensive practice with a language helper. *Second semester, three credits. Prerequisite: Li 301.*

**Li 510** Language Learning

The task and resources of the language learner. Practical methods for getting the most from a language school experience, and ways to organize raw language data for efficient learning even in the absence of language instruction. Multiple approaches to language learning. *Summer only, even-numbered calendar years, two credits.*

**Li 511** Phonetics & Phonology

Phonetics: pronunciation of the sounds of world languages, with emphasis on natural and accurate production of the sounds. Phonology: how to discover the phonemes of a language (the sounds that can distinguish words) and their positional variants. Principles for using phonological information (1) to pronounce the language more accurately and (2) to devise a practical writing system for the language, if needed. *Summer only, even-numbered calendar years, three credits.*

**Li 512** Morphology & Syntax

Analyzing word-forms and grammatical constructions with regard to form (morphology and syntax), meaning (semantics) and use in context (pragmatics). Identification of form and meaning in data samples from many languages. Grammatical meanings. Major concepts of pragmatics, including inference from situational context, speech acts and information structuring. *Summer only, even-numbered calendar years, two credits.*

**Li 513** Field Methods & Literacy

Application of linguistic skills in a field situation: working with a native speaker so as to analyze and learn the language. Includes extensive practice. Also, making primers and teaching reading. *Summer only, even-numbered calendar years, two credits. Prerequisite: Li 510, Li 511 and Li 512.*

**Li 520** Bible Translation

Principles and methodology, practical approaches to specific Bible translation problems, history and current trends, and details of current theories about equivalence. Analysis of meaning, including components of meaning and multiple senses. Overview of steps and procedures in an actual Bible translation project. *Six credits of Greek and six credits of Hebrew are strongly recommended. Summer only, even-numbered calendar years, three credits. Prerequisite: Li 513.*

**Li 521** Translation Technology

Guided experience working with Bible concordance programs, grammatical searches, orthography, type for specialized characters and word processing techniques to enhance translation efforts. *Summer only, even-numbered calendar years, one credit. Prerequisite: Li 520.*

**Li 523** Discourse Analysis

System in language beyond the sentence level; and how the discourse context often determines choices within sentences. Using knowledge of discourse phenomena both for increased understanding of texts and for clear and effective communication. Individually selected readings and projects related to biblical texts, receptor languages for Bible translation, and/or spoken/written discourse in students' native languages. *Three credits.*

## DIVISION OF MODERN LANGUAGE & LITERATURE

### CHINESE

**MLC 121** Elementary Chinese I

The fundamentals of grammar and oral communication skills in Mandarin Chinese and simple characters of the writing system. *First semester, three credits. Prerequisite: placement into MLC 121.*

**MLC 122** Elementary Chinese II

The fundamentals of grammar and oral communication skills in Mandarin Chinese and simple characters of the writing system continued. *Second semester, three credits. Prerequisite: placement into MLC 122 or MLC 121.*

**MLC 221** Intermediate Chinese I

Grammar review and expansion, culture, oral communication and reading of simple texts in both standard and simplified characters. *First semester, three credits. Prerequisite: placement into MLC 221 or MLC 122.*

**MLC 222** Intermediate Chinese II

Continued grammar review and expansion, culture, oral communication and reading of simple texts in both standard and simplified characters. *Second semester, three credits. Prerequisite: placement into MLC 222 or MLC 221.*

### FRENCH

**MLF 101** Elementary French I

The fundamentals of oral and written communication skills in French. *First semester, three credits. Prerequisite: placement into MLF 101.*

**MLF 102** Elementary French II

The fundamentals of oral and written communication skills in French continued. *Second semester, three credits. Prerequisite: placement into MLF 102 or MLF 101.*

**MLF 201** Intermediate French I

Expansion of oral and written communication skills in French with an emphasis on culture. *First semester, three credits. Prerequisite: placement into MLF 201 or MLF 102.*

**MLF 202** Intermediate French II

Expansion of oral and written communication skills in French with an emphasis on culture continued. *Second semester, three credits. Prerequisite: placement into MLF 202 or MLF 201.*

**MLF 303** French Civilization to 1715

Survey of the history, geography, people and customs of France from earliest times to 1715. *Second semester, even-numbered calendar years, three credits. Prerequisite: MLF 202.*

**MLF 304** French Civilization since 1715

Survey of the history, geography, people and customs of the French-speaking world from 1715 to the present. *Second semester, odd-numbered calendar years, three credits. Prerequisite: MLF 202.*

**MLF 305** French Conversation

Designed to increase fluency in speaking French.

*First semester, three credits. Prerequisite: MLF 202.*

**MLF 306** French Composition

Grammar and principles of writing in French.

*Second semester, three credits. Prerequisite: MLF 202.*

**MLF 307** Survey of French Literature to 1800

From the earliest times through the 18th century. *First semester, odd-numbered calendar years, three credits.*

*Prerequisite: MLF 202.*

**MLF 308** Survey of French Literature since 1800

Survey of French-language literature from the beginning of the 19th century to the present. *First semester, even-numbered calendar years, three credits. Prerequisite: MLF 202.*

## GERMAN

**MLG 111** Elementary German I

The fundamentals of oral and written communication skills

in German. *First semester, three credits. Prerequisite: placement into MLG 111.*

**MLG 112** Elementary German II

The fundamentals of oral and written communication skills in German continued. *Second semester, three credits.*

*Prerequisite: placement into MLG 112 or MLG 111.*

**MLG 211** Intermediate German I

Expansion of oral and written communication skills in German with an emphasis on culture. *First semester, three credits. Prerequisite: placement into MLG 211 or MLG 112.*

**MLG 212** Intermediate German II

Expansion of oral and written communication skills in German with an emphasis on culture continued. *Second semester, three credits. Prerequisite: placement into MLG 212 or MLG 211.*

**MLG 310** Oral & Written Composition

Grammar and the principles of composition. *First semester, three credits. Prerequisite: MLG 212.*

**MLG 312** German Conversation

Designed to develop fluency in spoken German. *Second semester, three credits. Prerequisite: MLG 212.*

**MLG 397** Independent Study in German

Special study of a topic chosen in consultation with German faculty. *Three credits. Prerequisite: MLG 310 and MLG 312.*

## SPANISH

**MLS 141** Elementary Spanish I

The fundamentals of oral and written communication skills in Spanish. *Not applicable toward a Spanish major or minor and Spanish Education major. First semester, three credits.*

*Prerequisite: placement into MLS 141.*

**MLS 142** Elementary Spanish II

The fundamentals of grammar for oral and written communication continued. *Not applicable toward a Spanish major or minor and Spanish Education major. Second semester, three credits.*

**MLS 241** Intermediate Spanish I

Expansion of oral and written communication skills in Spanish with an emphasis on culture. *First semester, three credits. Prerequisite: placement into MLS 241 or MLS 142.*

**MLS 242** Intermediate Spanish II

Expansion of oral and written communication skills in Spanish with an emphasis on culture continued. *Second semester, three credits. Prerequisite: placement into MLS 242 or MLS 241.*

**MLS 244** Intermediate Spanish III

Review and expansion of contexts and structures necessary for communication in all three modes at the Intermediate High proficiency level. *First semester, three credits. Prerequisite: MLS 242.*

**MLS 340** Introduction to Spanish Literature

Strategies for reading and analyzing Spanish and Latin American literature; primarily for non-native speakers of Spanish. *Three credits. Prerequisite: MLS 242.*

**MLS 341** Spanish Composition

Grammar and principles of writing in Spanish. *First semester, three credits. Prerequisite: MLS 242.*

**MLS 342** Spanish Conversation

Designed to increase fluency in speaking Spanish. *Second semester, three credits. Prerequisite: MLS 242.*

**MLS 343** Civilization of Latin America

Study of the various social and cultural elements of contemporary Latin America as seen from sociological, historical, political and literary points of view. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 344** Civilization of Spain

The history and culture of Spain from earliest times to the present. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 346** Survey of Spanish Literature  
Masterpieces of Spanish literature from the 18th century to the present. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 441** Advanced Spanish Grammar/Composition  
Subtleties of style, syntax and idioms in Spanish. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 442** Introduction to Spanish Linguistics  
Introduction to Spanish historical and comparative linguistics. Study of Spanish phonology, morphology and syntax. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 446** Golden Age Spanish Literature  
Poetry and prose of the Spanish golden age. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 447** Spanish–American Literature to 1880  
The principal literary works of Spanish America from earliest times to 1880. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 448** Spanish–American Literature since 1880  
The principal literary works of Spanish America from 1880 to the present. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 449** Twentieth Century Spanish–American Fiction  
Detailed study of 20th century Spanish–American fiction on the basis of selected representative works. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 450** Technical Spanish  
Spanish for health professionals, law enforcement and business. *Three credits. Prerequisite: MLS 341 or MLS 342.*

**MLS 479** Spanish Seminar  
Required of all students majoring in Spanish or Spanish Education. Preparation for Oral Proficiency Interview. *Not applicable toward a minor. Both semesters, one credit.*

**MLS 490** Special Topics in Hispanic Literature  
In-depth textual analysis of a specific genre, time-period, theme or author within Peninsular or Latin American Literature. Rotating-content course. Students may enroll in this course more than once with content change. *First semester, three credits. Prerequisite: MLS 346, MLS 447 or MLS 448.*

**MLS 496** Studies Abroad: Spanish Culture  
On-location immersion civilization course in Spain with emphasis on contemporary culture. Excursions to places of historical interest. *Three credits.*

**MLS 497** Studies Abroad: Spanish Communication  
On-location immersion course in Spain with emphasis on oral and written communication. *Three credits.*

**MLS 499** Studies Abroad: Spanish Missions  
On-location study of diverse cultural practices, products and perspectives in a Spanish-speaking country. Features practice of communication skills and guided experience in evangelization. Emphasis on Christian missions. *Three credits.*

## DIVISION OF NATURAL SCIENCE

### GENERAL SCIENCE

**Sc 103** Biological Science  
The more essential and practical phases of cell biology and botany. *Not applicable toward a major or minor in the Division of Natural Science or Science Education major. Both semesters, three credits.*

**Sc 105** Chemical & Physical Science  
The more essential and practical phases of chemistry, physics, geology, astronomy and meteorology. *Not applicable toward a major or minor in the Division of Natural Science or Science Education major. Both semesters, three credits.*

**Sc 193** Biological Science Laboratory  
A laboratory course covering some essential aspects of basic organism and cell biology. This course can act as a standalone general elective for anyone interested in science or as a companion course for Sc 103 Biological Science. *Not*

*applicable toward a major or minor in the Department of Biology or Science Education major. Both semesters, one credit.*

**Sc 195** Chemical & Physical Science Laboratory  
A laboratory course covering some essential aspects of chemistry, physics, astronomy and geology. This course can act as a standalone general elective for anyone interested in science or as a companion course for Sc 105 Chemical & Physical Science. *Not applicable toward a major or minor in the Department of Chemistry & Physics or Science Education major. Both semesters, one credit.*

**Sc 200** Essential Science  
A biblical and conceptual view of science applied to important issues including cosmology, creation/evolution and the environment. Not applicable toward a major in the Division of Natural Science or Science Education major. *Both semesters, three credits. Prerequisite: Math ACT 18 or above or Ma 080.*

**Sc 201** Science: Impact on Society

An examination of the ethical, human and environmental implications of science and technology with an emphasis on current science-based public policy issues. *Both semesters, three credits.*

**Sc 207** General Geology

The general composition, structure and processes of the earth. *Not applicable toward a major or minor in the Division of Natural Science. Lecture and lab. Second semester, odd-numbered calendar years, three credits.*

## DEPARTMENT OF BIOLOGY

### BIOLOGY

**Bio 100** General Biology I

An introduction to the fundamental concepts of biology on the cellular level. Topics include the basic chemistry of cells, experimental design and scientific method, a proper Christian philosophy of science, eukaryotic cell structure, cellular transport mechanisms, cell division, basic transmission genetics and the encoding and expression of information in cells. *Lecture and lab. Both semesters, four credits. Excludes: Bio 102.*

**Bio 101** General Biology II

A continuation of General Biology I dealing in greater detail with meiosis, sexual life cycles and transmission genetics; pathways of respiration and photosynthesis; and a biblical response to the theory of evolution. Topics introduced in this course include taxonomy, developmental biology and ecology. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 100.*

**Bio 102** Principles of Biology

The central principles of biology on the cellular level. Topics include elementary biochemistry, basic transport processes, eukaryotic cell structure, mitosis and meiosis, transmission genetics, the essentials of the central dogma of molecular biology and a biblical response to the theory of evolution. *Lecture and lab. Not applicable toward Biochemistry and Molecular Biology, Biology, Premed/Preudent or Science Education majors. Both semesters, four credits. Excludes: Bio 100.*

**Bio 103** Fundamentals of Biology

An introduction to the fundamental concepts of biology on the cellular level. Topics include the basic chemistry of cells, experimental design and scientific method, a proper Christian philosophy of science, eukaryotic cell structure, cellular transport mechanisms, cell division, basic transmission genetics, and the encoding and expression of information in cells. *Lecture only. Both semesters, three credits. Excludes: Bio 100 and Bio 102.*

**Bio 203** Biological Diversity

Animals, plants, protozoans, fungi, prokaryotes and viruses will be overviewed. An emphasis will be placed on the fundamental concepts of life processes common to all organisms. An introduction to classification and taxonomy will be included. *Second semester, four credits. Prerequisite: Bio 101.*

**Bio 208** Organismal Biology I

Introduction to prokaryotes, algae, fungi and plants, including aspects of their classification, physiology, ecology, life history and behavior. *First semester, four credits. Prerequisite: Bio 101.*

**Bio 209** Organismal Biology II

An introduction to animals and protozoans including aspects of their classification, physiology, ecology, life history and behavior. *Second semester, four credits. Prerequisite: Bio 208.*

**Bio 220** Medical Terminology

An introduction to medical terms through an analysis of their construction including prefix, suffix, root, connecting and combining forms. Medical terminology applicable to structure, function, pathology and procedures related to the human body. Topics include cells and tissues and the major body systems. *First semester, one credit. Prerequisite: Bio 100 or Bio 102.*

**Bio 300** Evolution & Origins

Discussion and critical evaluation of the biology and philosophy behind neo-Darwinism (materialism), the intelligent design movement and special creation. Extensive use will be made of a current evolutionary textbook, important recent monographs, scientific journal articles and position statements. The course will engage students in critical thinking and problem solving, and prepare them to answer challenges to a biblical worldview regarding evolution and origins. *First semester, three credits. Prerequisite: Bio 203 or Bio 208, and Bio 320 or Bio 322.*

**Bio 301** Invertebrate Zoology

Biology of invertebrates with a focus on homeostasis, environment, structure and function. Emphasis is placed on thinking like an invertebrate zoologist. *Lecture and lab. First semester, four credits. Prerequisite: Bio 209.*

**Bio 302** Developmental Biology

Gametogenesis, fertilization and embryological development of major model organisms (insects, amphibians, fish, birds, mammals) as well as humans. Special emphasis will be placed on cell-to-cell communication, developmental genetics, patterning, morphogenesis, organogenesis, nervous system development and regeneration. Bioethical issues in developmental biology relevant to human medicine are also explored. *Second semester, four credits. Prerequisite: Bio 305.*



**Bio 303** Human Anatomy & Physiology I

Organization of the human body; tissues; integumentary, skeletal, muscular and nervous systems; and sense organs *Lecture and lab. Second semester, four credits. Prerequisite: Bio 100 or 102.*

**Bio 304** Human Anatomy & Physiology II

Endocrine, circulatory, lymphatic, respiratory and digestive systems; nutrition and metabolism; fluid and acid-base balance; urinary and reproductive systems. *Lecture and lab. First semester, four credits. Prerequisite: Bio 303.*

**Bio 305** Essentials of Cell Biology

Fundamentals of the molecular basis of cellular structure and function with emphasis on the interdependence of major molecular processes. Topics include the cellular roles of DNA, RNA and protein; genetic regulation and repair; membrane structure and function; organellar systems; cytoskeleton and cell movement; energy generation in the organellar context, and cell cycle and controls. Laboratory investigation of cellular and molecular phenomena. *Lecture and lab. First semester, four credits. Prerequisite: Bio 101. Corequisite: Chm 103.*

**Bio 306** Systematics

Taxonomic techniques and philosophical assumptions of various natural and artificial approaches to classification including baraminology. Natural history of vertebrate taxa with emphasis on mammals, reptiles and amphibians. Classification of vascular plants. Use of identification keys, experience in recognizing plant and animal species in the field, techniques used in collecting and preparing herbarium/museum specimens, and consideration of relevant scientific literature. *Four credits. Prerequisite: Bio 209.*

**Bio 307** Vertebrate Zoology

Introduction to vertebrate zoology including aspects of their anatomy and physiology, ecology, life history and behavior. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 209.*

**Bio 308** Microbiology

The form, structure, reproduction, physiology, metabolism, identification and control of microorganisms, with emphasis on the bacteria. Consideration is also given to the basic principles of immunology and serology. *Lecture and lab. Not applicable toward Biochemistry and Molecular Biology, Biology or Premed/Pre dent majors. Second semester, four credits. Prerequisite: Bio 100 or Bio 102.*

**Bio 309** Plant Physiology

Wide-ranging investigations in plant physiology. Emphasis will be on photosynthesis, plant-water relations, organic and mineral nutrition, secondary metabolites, xylem and phloem transport, and growth and development. *Lecture and Lab. Second semester, four credits. Prerequisite: Bio 203 or Bio 208.*

**Bio 310** Research Methods & Analysis

Introduction to the formulation of a scientifically testable hypothesis from initial observations as well as the design and execution of appropriate experiments. Includes instruction in diverse techniques of data analytics and in writing reports on one's findings in journal article format. *Second semester, one credit. Corequisite: Bio 203 or Bio 209 and Bio 330.*

**Bio 320** Human Physiology & Anatomy I

A consideration of the major principles of human physiology with an emphasis on homeostatic mechanisms. Emphasis is given to cellular transport, chemical signaling, neuronal signaling and sensory physiology, mechanisms of muscle contraction and the control of body movement. Laboratory investigation of physiological phenomena augmented by human cadaver dissection. *Lecture and lab. First semester, four credits. Prerequisite: Bio 305.*

**Bio 321** Human Physiology & Anatomy II

A continuation of Bio 320. Emphasis is given to hormonal signaling and control; cardiovascular and respiratory physiology; digestion; absorption; excretion and water balance; metabolism; energy balance and temperature regulation; and reproductive physiology. Laboratory investigation of physiological phenomena augmented by human cadaver dissection. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 320.*

**Bio 322** Bacteriology & Virology

The biology of bacteria and viruses with emphasis on their form and physiology. A study of their diversity, environmental importance and interaction with humans, as well as human attempts to control them. Consideration is given to basic immunology and principles of infectious disease. Laboratory work focuses on the metabolism, identification and physiology of bacteria. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 305.*

**Bio 330** Biomeasurement

An introduction to selected topics in biostatistical concepts and reasoning. Specific topics include the basics of the sampling process, descriptive statistics, frequency distributions, inferential statistics, null hypothesis testing, tests on frequencies, tests on differences between two samples (t tests) and between more than two samples (ANOVA), tests of relationship (correlation and regression), modeling of data including the Generalized Linear model and DOE methodology and the communication of results with graphics. *Both semesters, three credits. Prerequisite: Ma 103 or higher.*

**Bio 400** Parasitology

The biology and ecology of protozoan and helminthic parasites that infect humans and animals. Emphasis will be placed on parasites that affect human welfare, including human and veterinary medicine. Parasite life cycle, pathogenicity, epidemi-

ology, ecology and immunity will be the focus of both lecture and lab. *Lecture and lab. Second semester, odd-numbered calendar years, four credits. Prerequisite: Bio 209.*

#### **Bio 401** Ecology

Biotic and abiotic interactions between organisms and their environments, and the consequences of these interactions for population dynamics, community structure, and the flow of energy and matter through ecosystems. Environmental issues and conservation are also discussed. *Lecture and lab. First semester, four credits. Prerequisite: Bio 209.*

#### **Bio 402** General Entomology

Morphology, physiology, life histories and economic importance of insects; emphasis on classification. *Lecture and lab. Four credits. Prerequisite: Bio 209.*

#### **Bio 403** Histology

Microscopic structures of the tissues of the human body, utilizing prepared slides and emphasizing the relationship of structure to function. Basic tissues are stressed along with topics in immunology and organology. *Lecture and lab. First semester, four credits. Prerequisite: Bio 305.*

#### **Bio 404** Immunology

Introduction to basic immunobiology and immunochemistry. The role of innate and acquired immunity, specifically the cellular and molecular features in the humoral and cell-mediated functions in the human body. *First semester, three credits. Prerequisite: Bio 305.*

#### **Bio 405** Genetics

Mendelian and classical genetics including gene interaction and linkage. Molecular genetics with emphasis on prokaryotes and viruses. Topics include gene structure and expression, replication, recombination, mutation, transcription, translation, gene regulation and eukaryotic chromosome structure. *Lecture and lab. First semester, four credits. Prerequisite: Bio 305.*

#### **Bio 406** Cell & Molecular Biology

A detailed treatment of certain aspects of the molecular biology of eukaryotic cells. Topics include: nuclear organization, regulation of gene expression, chromosome structure, DNA repair, vesicular transport, protein sorting, compartmentation, cell signaling, developmental biology and cancer. Laboratory investigation of cellular and molecular phenomena. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 405 and Chm 405.*

#### **Bio 407** Animal Behavior

An introduction to animal behavior. Basic principles derived from ecology, ethology and cell biology will be employed to explain how (proximate questions) and why (ultimate questions) animals behave as they do in particular situations. The course will focus on important biological activities such as foraging, communication, migration, predator-prey

interactions, mating and parental care. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 209.*

#### **Bio 409** Independent Study

The selection of a problem chosen in consultation with the research director, followed by the execution of a detailed literature survey and composition of a research proposal regarding the selected problem. Lab work includes an introduction to the basic techniques of cell culture and laboratory maintenance in preparation for Bio 410. Required of all students majoring in the Cell Biology track of the Biology major. *Both semesters, one credit. Prerequisite: Bio 479.*

#### **Bio 410** Independent Study

A continuation of Bio 409. Laboratory study of a problem chosen in consultation with the research director culminating in a paper or poster of results. Required of all students majoring in the Cell Biology track of the Biology major. *Both semesters, one credit. Prerequisite: Bio 409.*

#### **Bio 411** Research in Biology I

A full time summer research project on a biological research problem chosen by the research director. A study of the current scientific literature, as well as laboratory work culminating in a comprehensive paper in journal article format and an oral presentation thereof. Successful completion of Bio 411 can substitute for Bio 409/410. *Four credits. Prerequisite: Bio 479.*

#### **Bio 412** Research in Biology II

A continuation of Bio 411. Findings of full-time laboratory research will be communicated in a comprehensive paper in journal article format. *Four credits. Prerequisite: Bio 411.*

#### **Bio 479** Critical Evaluation of Biology Literature

Critical evaluation of research studies published in biological literature in terms of experimental design and conclusions. Students present their own critiques of a research article both orally and in writing. Required of all students majoring in Biology. *Not applicable toward a minor. First semester, one credit. Prerequisite: Bio 310.*

#### **Bio 480** Physical Therapy Internship

Students observe physical therapists as they practice in hospital or office settings. Forty hours of direct observation are required. Weekly written reports detailing observations are required. A final paper of 2,000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Both semesters, one credit. Prerequisite: Bio 303. Corequisite: Bio 304.*

#### **Bio 490** Student Medical Internship

Students observe physicians as they practice medicine in hospital or medical office settings. Forty hours of direct observation are required. Weekly written reports detailing observations are

required. A final paper of 2,000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Both semesters, one credit. Prerequisite: Bio 320. Corequisite: Bio 321.*

## FOODS & NUTRITION

### **FN 100** Career Planning in Nutrition

An introduction to the place of nutrition within the arena of health sciences. The aim of the course is to assist students in making informed career choices which will be reflected in their selection of program elective courses. *First semester, one credit.*

### **FN 101** Basic Nutrition

Factors affecting food consumption, energy balance, weight control, food safety; information on carbohydrates, fats, proteins, vitamins and minerals. *Second semester, two credits.*

### **FN 200** Food: Facts, Fads & Fallacies

The scientific principles of human nutrition will be used to evaluate the claims of popular movements in the world of food. Topics to be explored include fad diets, obesity, use of supplements, vegetarian and vegan diets, organic food and so-called Genetically Modified Organisms (GMOs). Food preservation methods including pasteurization and irradiation will also be discussed. *First semester, three credits.*

### **FN 260** Nutrition

Introduction to the science of nutrition, including a study of the essential nutrients, their functions, their food sources, and their influence on growth, development, maintenance and overall human health throughout the life cycle. Includes personal application through goal setting and food intake analysis. *Both semesters, three credits.*

### **FN 300** Food Science

Introduction to food and food science through the exploration of the chemical, physical and biological properties of foods. The course discusses food composition and nutritive value, food safety, food preparation, food labeling and food marketing as it relates to food production and consumer acceptability. Laboratory experiences offer the student the ability to participate in food experimentation and analysis. *Lecture and lab. Second semester, three credits. Prerequisite: Chm 104 or Chm 105 and FN 101 or FN 260.*

### **FN 340** Sports Nutrition

Study of the physiological function and metabolism of nutrients during physical activity and sports training, performance and recovery. The course discusses energy balance, body composition, training, diets, ergogenic aids

and dietary supplements to promote safe and effective sports performance. *Second semester, three credits. Prerequisite: Bio 304 or Bio 321 and FN 101 or FN 260.*

### **FN 365** Nutrient Metabolism

Advanced study of the biochemical and physiological pathways and properties of the macro- and micronutrients at the cellular level within the human body. Includes a comprehensive investigation of the metabolism of carbohydrates, lipids, proteins, vitamins and minerals with application of current research to trends and issues in nutrition. *First semester, three credits. Prerequisite: Bio 304 or Bio 321, Chm 106 or Chm 206 and FN 101 or FN 260.*

### **FN 380** Nutrition & Disease

Application of nutrition science to the prevention and management of chronic disease. Overview of nutrition assessment and intervention as it applies to chronic disease, including weight management, diabetes and cardiovascular disease. *First semester, three credits. Prerequisite: Bio 304 or Bio 321 and FN 101 or FN 260.*

### **FN 410** Instructional Methods in Nutrition

Development and application of instructional strategies to meet the nutrition and education and counseling needs of diverse audiences. Includes an overview of educational counseling theory, styles, strategies, techniques and evaluation used to promote behavior change within a variety of settings. *First semester, even-numbered calendar years, three credits. Corequisite: FN 380.*

## HEALTH SCIENCES

### **HS 100** Career Planning in the Health Sciences

An introduction to educational and career opportunities within the health sciences. Students will explore the requirements and selection processes of different careers and training opportunities. The course also looks at necessary communication and technology skills necessary for a career in health care. *First semester, one credit.*

### **HS 110** Certified Nursing Assistant Training

Classroom instruction accompanied by experience which leads to certification as a nursing assistant. *Not offered at BJU; available by transfer only for Health Sciences majors. Three credits.*

### **HS 200** Introduction to Public Health

An introduction to the evaluation of public health issues and policies within regional, national and international contexts. Topics include the background and development of public health, the development of public health initiatives, and centralized and decentralized public health systems. *First semester, three credits.*

**HS 300** Global Health

A consideration of health issues on an international level focusing on an understanding of the key concepts of global health. Health issues will be evaluated on the basis of historical, social, economic, environmental and political factors that affect health worldwide. Topics include malnutrition, maternal-child health in vulnerable populations, the spread of infectious diseases, pandemics, disease prevention, poverty, globalization, workforce conditions and distribution of health resources. *Second semester, three credits. Prerequisite: HS 200.*

**HS 301** Epidemiology

An introduction to the foundational concepts of epidemiology, the methods epidemiologists employ to investigate the distribution of disease in a population, and the factors that influence that distribution. Epidemiologic thinking will be applied to current issues in the health sciences and in clinical medicine. *Second semester, three credits. Prerequisite: HS 200.*

**HS 305** Health Care Delivery & Organization

Study of the health care system in the United States. The organization of hospital systems and complex issues of health care delivery in the areas of long-term care, primary care and hospital-based care. The changing roles of health care professionals, hospitals and government agencies. The course will analyze the functions of the health care system and its stakeholders. Topics include health care quality, access to care, accreditation, regulatory agencies, financing and health insurance. *First semester, 3 credits. Prerequisite: HS 200.*

**HS 310** Population Health Management

An introduction to current topics in population and community health; health education and promotion as well as health care delivery problems at the local and national levels. Special consideration is given to socioeconomic determinants of health. *Second semester, three credits. Prerequisite: HS 300.*

**HS 320** Principles of Pharmacology

Introduction to the foundational principles describing the interactions of drugs with the body. Topics include pharmacodynamics, pharmacokinetics, drug metabolism, drug toxicity, and pharmacogenomics. Additional topics focus on the underlying mechanisms by which drugs are used to mitigate various medical conditions. *Both semesters, three credits. Prerequisites: Chm 204, Bio 304 and Bio 308.*

**HS 400** Critical Evaluation of Health Science Literature

The methods and skills necessary for critically evaluating the health sciences literature. The class will prepare students to efficiently locate current research publications, evaluate research and construct a scientific argument. As a capstone project students will apply the concepts developed in class

to critically evaluate the literature and give a presentation on a specific health science topic. *Second semester, one credit. Prerequisite: HS 300.*

**HS 401** Health Law & Ethics

This course introduces the legal and ethical issues that arise in health care today. Students will be able to identify and evaluate legal and regulatory dilemmas and the ramifications of decisions in health care today. In order to evaluate legal problems, the beginning of class will introduce the legal system and terminology, and they will discuss the legal principles on which the health care system is founded. These ethical and legal principles will be applied to multiple topics, including patient rights, professional standards, consent, reproductive rights, negligence and malpractice, fraud and abuse, privacy and confidentiality, intellectual property, and health information management. These topics will be evaluated through research, discussion and case studies. *Second semester, three credits. Prerequisite: HS 200.*

**HS 402** Biomedical Ethics

An introduction to ethical dilemmas and questions encountered in medical practice and research. The class begins with an introduction to philosophical theories and ethical reasoning within the biblical worldview. Students will use biblically appropriate models to analyze contemporary bioethics cases. Case topics typically or may include beginning and end of life issues, pediatric ethics, research ethics, human subject experimentation, genetics, transplantation, disaster preparedness, emerging technologies and others. *Second semester, three credits. Prerequisite: Bio 304 or Bio 321.*

**HS 405** Patient Safety

This course provides an introduction to safety within the context of health care in the United States. The student will review historical responses to adverse events, discuss methods of disclosing medical errors, and evaluate models for improving patient safety in differing settings. The course will equip students to identify potential barriers to safety and critically assess safety initiatives in order to further build a culture of safety. When evaluating patient safety initiatives, both individual and system level improvements will be assessed. *Second semester, three credits. Prerequisite: HS 300.*

**HS 407** Health Care Management

Management considerations for administrators in the modern health care system. Topics covered include health care program planning and design, quality improvement and management of human resources. *First Semester, three credits. Prerequisites: BA 215, HS 305.*

**HS 410** Health Care Economics

An application of the principles of economics to the needs of the modern health care system. Topics include flow of funds, insurance requirements and reimbursements, and other financial aspects affecting health care delivery in view of current policies. *Second semester, three credits. Prerequisites: Ac 103, SSE 200, Fin 201.*

**HS 415** Research Ethics

An introduction to ethical challenges and questions in research settings. Course begins by looking at how research and research policies have been shaped by history and introduces philosophical theories and ethical principles that focus on research. Students will learn how to apply ethical principles to current research ethics dilemmas using a biblical worldview. This course will answer questions of how to design ethical research trials, what is the role of an Institutional Review Board (IRB), what is the appropriate level of informed consent in research, and how are human subjects protected in research trials. Case studies and computer simulations will be used to apply ethical principles to real situations and evaluate responses. Some topics include intellectual property, informed consent, confidentiality and privacy, human subject research, animal research, conflicts of interest and data management. *First semester, three credits. Prerequisite: HS 300.*

**HS 490** Health Sciences Internship

Students observe health care professionals as they practice in their different careers and work settings. The instructor will endeavor to place each student in the area of his or her desired health care career. Forty hours of direct observation are required. Weekly written reports detailing observations are required. A final paper of 2000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Both semesters, one credit. Prerequisite: HS 200.*

**DEPARTMENT OF CHEMISTRY AND PHYSICS****CHEMISTRY****Chm 103** General Chemistry I

An introduction to stoichiometry, types of chemical reactions, gases, thermochemistry, atomic structure, periodic properties of elements and bonding. *Lecture and lab. First semester, four credits. Prerequisite: Ma 103 or placement into Ma 105 or Ma 200.*

**Chm 104** General Chemistry II

Intermolecular forces, colligative properties, chemical kinetics, equilibrium, acids and bases, solubility equilibria, thermodynamics and electrochemistry. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 103.*

**Chm 105** Foundations of Chemistry

An introduction to the traditional topics of general chemistry with particular emphasis on their application to the health sciences. A study of measurement, heat, chemical reactions, gases, solutions, acid-base equilibria and radioactivity. *Lecture and lab. First semester, four credits. Excludes: Chm 103.*

**Chm 106** Bio-Organic Chemistry I

Introduction to organic chemistry and biochemistry. Introduction to nomenclature, reactions, and properties of organic and biochemical molecules. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 103 or Chm 105.*

**Chm 107** Chemistry for Engineers

Introduction to chemical reactions, gases, atomic structure, bonding, thermodynamics, kinetics, equilibrium and electrochemistry. *Second semester, three credits. Prerequisite: placement into Ma 105 or Ma 103.*

**Chm 116** Bio-Organic Chemistry II

A study of molecular structures of the cell, selected biochemical pathways and transfer of genetic information. *Lecture and lab. Four credits. Prerequisite: Chm 106.*

**Chm 203** Organic Chemistry I

Covalent bonding theory, acid-base concepts, Lewis structures, alkanes, alkenes, alkynes, alcohols, ethers, epoxides, alkyl halides, stereochemistry and reaction mechanisms. *Lecture and lab. First semester, four credits. Prerequisite: Chm 104 or Chm 106.*

**Chm 204** Organic Chemistry II

Aromatic compounds, aldehydes, ketones, carboxylic acids and their derivatives, amines, carbohydrates, nuclear magnetic resonance spectroscopy and infrared spectroscopy. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 104 or Chm 106 and Chm 203 or Chm 206.*

**Chm 206** Essential Organic Chemistry

A one-semester logical bridge from general chemistry to biochemistry with specific focus on biologically pertinent organic reaction mechanisms built on the fundamentals of functional group structures, bonding theories, and their physical and chemical characteristics. *Lecture and lab. Not applicable to Chemistry or Biochemistry & Molecular Biology majors. First semester, four credits. Prerequisite: Chm 104.*

**Chm 207** Analytical Chemistry

The separation and analysis of chemical substances. Spectroscopy, electrochemistry, chromatography, gravimetric and volumetric analysis. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 104.*

**Chm 301** Introduction to Molecular Modeling

Relationship between potential energy surfaces and molecular structure, energy minimization, conformation searching and other key molecular modeling concepts. Emphasis is on gaining a deeper understanding of chemistry by using modern computer software to perform computations based on molecular mechanics, semi-empirical MO and *ab initio* MO computational methods. *Second semester, two credits. Prerequisite: Chm 204.*

**Chm 303** Physical Chemistry I

Phenomenological thermodynamics, gas laws, statistical mechanics, phase changes in pure substances and simple mixtures. *Lecture and lab. First semester, even-numbered calendar years, four credits. Prerequisite: Chm 204, Ma 202 and Phy 202.*

**Chm 304** Physical Chemistry II

Phase diagrams, equilibrium, electrochemistry, rotational and vibrational spectroscopy, phenomenological chemical kinetics, reaction mechanisms and photochemistry. *Lecture and lab. Second semester, odd-numbered calendar years, four credits. Prerequisite: Chm 303.*

**Chm 312** Pharmacology

An introduction to the basic principles of pharmacology and their application to key body systems. *Second semester, two credits. Prerequisite: Bio 303 and Bio 304.*

**Chm 315** Advanced Pharmacology

Advanced principles of pharmacology that build on the introductory pharmacology course with application to additional body systems. *First semester, two credits. Prerequisite: Chm 312.*

**Chm 403** Research in Chemistry I

Team-based literature work requiring the writing of a proposal to do original laboratory research. *First semester, two credits. Prerequisite: Chm 207 or Chm 304.*

**Chm 404** Research in Chemistry II

Laboratory implementation of the original research project proposed in Chm 403. Team-based. Requires final written and oral reports. *Second semester, one credit. Prerequisite: Chm 403.*

**Chm 405** Biochemistry I

Molecular structure and function of biomolecules focused on nucleic acids, enzymes and other proteins, and membrane components. *Lecture and lab. First semester, four credits. Prerequisite: Chm 204 or Chm 206.*

**Chm 406** Biochemistry II

Biosignaling, carbohydrates, metabolism and energetics of glucose, lipids and amino acids; the citric acid cycle; oxidative phosphorylation; photosynthesis; and regulation of metabolism. *Lecture and lab. Second semester, four credits. Prerequisite: Chm 405.*

**Chm 408** Advanced Organic Chemistry

Further study in the structure and reaction mechanisms of organic compounds, including their relationships to bonding theory, stereochemical principles and thermodynamics. *Three credits. Prerequisite: Chm 204.*

**Chm 409** Inorganic Chemistry

Atomic and molecular structure, bonding, chemical forces, acid-base chemistry and coordination chemistry. *First semester, odd-numbered calendar years, three credits. Prerequisite: Chm 204 and Ma 202.*

**Chm 413** Advanced Research in Chemistry I

A full-time chemistry research project is chosen in consultation with the faculty. Laboratory work culminates in both a journal-style paper and an oral presentation. Successful completion of Chm 413 can substitute for both Chm 403 and Chm 404. *Four credits. Prerequisite: Permission of department head.*

**Chm 414** Advanced Research in Chemistry II

A continuation of Chm 413. Full-time laboratory research culminates in both a journal-style paper and an oral presentation. *Four credits. Prerequisites: Chm 413 and permission of department head.*

**Chm 418** Instrumental Analysis

Fundamentals of chemical instrumentation and its application to atomic and molecular spectroscopy, electrochemical analysis and separation methods. *Lecture and lab. First semester, odd-numbered calendar years, four credits. Prerequisite: Chm 204.*

## ASTRONOMY

### As 150 Solar System Astronomy

The history of astronomy, time-keeping, astronomical coordinates, the motion of celestial bodies, astronomical instruments and their use, properties of light, special relativity, planetary geology and meteorology, comets, meteors and asteroids. Includes observing project using the observatory. *Lecture and lab. First semester, three credits.*

### As 151 Stellar & Galactic Astronomy

The study of the structure, aging and motions of stars, binaries, star clusters, galaxies and super clusters. Other topics include pulsars, planetary nebulae, super novae, black holes, active galactic nuclei, etc. Includes observing project using the observatory. *Lecture and lab. Second semester, even-numbered calendar year, three credits.*

### As 303 Observational Astronomy

Study of the methods for the collection and analysis of astronomical data. *Two credits. Prerequisite: Phy 202.*

### As 490 Research in Astronomy

Research project in astronomy under faculty supervision. *Both semesters, one credit.*

## PHYSICS

### Phy 101 Introductory Physics

Structure and properties of matter, kinematics, dynamics, statics, and conservation of energy and momentum. *Lecture and lab. First semester, four credits. Corequisite: Ma 103.*

### Phy 102 Intermediate Physics

Rotation, wave motion, fluids, heat, thermodynamics, electricity, magnetism and optics. *Lecture and lab. Second semester, four credits. Prerequisite: Phy 101.*

### Phy 110 Physics Survey

History of physics, current topics in physics and career possibilities. *First semester, one credit.*

### Phy 201 General Physics I

Mechanics (including force, kinematics, dynamics, rotational motion, fluids and wave motion) and thermodynamics. *Lecture and lab. First semester, four credits. Corequisite/Prerequisite: Ma 200.*

### Phy 202 General Physics II

Electricity and magnetism including capacitance, resistance, DC circuits, Magnetic fields, magnetic induction, AC circuits, Maxwell's equations, electromagnetic waves, properties of

light, optical images, interference and diffraction. *Lecture and lab. Second semester, five credits. Corequisite/Prerequisite: Ma 202. Prerequisite: Phy 201.*

### Phy 303 Experimental Physics

An advanced lab course involving an in-depth research project or advanced physics experiments. Special focus on numerical methods of data analysis. *Second semester, odd-numbered calendar years, two credits. Prerequisite: Phy 202.*

### Phy 308 Electromagnetics I

Electrostatic and magnetostatic applications of divergence, gradient, and curl, dielectrics and dielectric media, field boundary value problems, with applications to engineering. *Identical to Eng 308. First semester, three credits. Prerequisite: Ma 302 and Phy 202.*

### Phy 309 Electromagnetics II

Magnetostatics, magnetic properties, induction, Maxwell's equations and propagation of electromagnetic radiation. *Identical to Eng 309. Second semester, three credits. Prerequisite: Eng 308 or Phy 308.*

### Phy 356 Mechanics I

Matrix and vector analysis, Newtonian mechanics, relativistic mechanics, gravitational attraction and potentials, oscillatory motion and nonlinear oscillations. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 301 and Phy 202.*

### Phy 357 Mechanics II

Calculus of variations, Lagrangian mechanics, Hamiltonian mechanics, celestial mechanics, central force motion, multi-particle systems, non-inertial reference frames, rigid body motion, mechanical wave motion and Fourier analysis. *Lecture and lab. Second semester, even-numbered calendar years, three credits. Prerequisite: Phy 356.*

### Phy 402 Thermodynamics & Statistical Mechanics

Collisional and transport properties of gases; conservation of energy; ideal gas energetics; enthalpy, entropy, and free energy calculations; statistical mechanics; heat engines; engineering applications of thermodynamics. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 301 and Phy 202.*

### Phy 403 Optics

Geometrical and physical optics for understanding theoretical and practical aspects of modern optical technology. Studies include laser fundamentals, holography, photonics, image processing and optical test devices. *Lecture and lab. Second semester, odd-numbered calendar years, three credits. Prerequisite: Phy 202.*

**Phy 408** Modern Physics

Historical development of Modern Physics beginning with special relativity, including important topics from quantum physics, atomic structure and models, the hydrogen atom, molecules, solids, nuclear physics, lasers, elementary particles, statistical mechanics, astrophysics, cosmology, etc. *Lecture and lab. First semester, even-numbered calendar years, three credits. Prerequisite: Phy 202. Corequisite: Ma 301.*

**Phy 409** Introduction to Quantum Mechanics I

Review of the history of Quantum Theory. The uncertainty principle, the Schrödinger equation, the free particle, square well potentials, harmonic oscillator, the hydrogen atom, angular momentum and other selected wave mechanics problems. *First semester, odd-numbered calendar years, three credits. Prerequisite: Ma 302 and Phy 408.*

**Phy 410** Introduction to Quantum Mechanics II

Review of barrier problems, the harmonic oscillator, and angular momentum using matrix methods. Problems involving perturbation theory, one-electron atoms, magnetic moments, spin, the helium atom and scattering theory. *Second semester, even-numbered calendar years, three credits. Prerequisite: Phy 409.*

**Phy 490** Research in Physics I

Literature work requiring the writing of a proposal to do original laboratory research. *First semester, one credit. Prerequisite: Minimum six credits of physics on 300/400-level.*

**Phy 497** Research in Physics II

Laboratory implementation of the original research project proposed in Phy 490. Requires final written and oral reports. *Second semester, one credit. Prerequisite: Phy 490.*

**Phy 498** Advanced Research in Physics I

A full-time physics research project is chosen in consultation with the faculty. Laboratory work culminates in both a journal-style paper and an oral presentation. Successful completion of Phy 498 can substitute for both Phy 490 and Phy 497. *Four credits.*

**Phy 499** Advanced Research in Physics II

A continuation of Phy 498. Full-time laboratory research culminates in both a journal-style paper and an oral presentation. *Four credits. Prerequisite: Phy 498.*

## DEPARTMENT OF ENGINEERING

### ELECTRONICS

**Ele 110** Digital Electronics

A study of digital components, including gates, flip flops, registers, arithmetic circuits, memory devices and PLDs. Includes a study of Boolean algebra, simplification techniques and HDL-based design. *Lecture and lab. Both semesters, three credits.*

**Ele 205** Basic Circuit Analysis I

Fundamentals of DC circuits. Ohm's Law, circuit theorems, nodal and mesh analysis, capacitors and inductors. First and second order transient response. *Lecture and lab. First semester, three credits. Prerequisite: Ma 200. Corequisite: Ma 202.*

**Ele 206** Basic Circuit Analysis II

Fundamentals of AC circuits. Sinusoids, phasors, AC power, three phase circuits, magnetically coupled circuits and frequency response. Laplace impedance methods. *Lecture and lab. Second semester, three credits. Prerequisite: Ele 205.*

**Ele 301** Electronic Devices & Circuits

Application of BJT and FET transistors and other semiconductor devices. *Lecture and lab. First semester, three credits. Prerequisite: Ele 206.*

**Ele 303** Electric Machinery

A study of AC and DC machines, energy conversion and transmission of energy. *First semester, three credits. Prerequisite: Ele 206.*

**Ele 306** Linear Integrated Circuits

Phase locked loops, timers, and operational amplifiers as linear amplifiers, oscillators and comparators. *Lecture and lab. Second semester, three credits. Prerequisite: Ele 206.*

**Ele 404** Microprocessor Interfacing

Hardware characteristics of microprocessors. Design of interfaces including memory, I/O, timers, DMA, interrupt controllers, A/D & D/A conversions. *Lecture and lab. Second semester, three credits. Prerequisite: CpS 230.*



## ENGINEERING

### Eng 101 Introduction to Engineering

An introduction to the field of engineering, to the design process, and to common engineering tools and techniques including programming, 3D CAD, and applied Finite Element Analysis. *First semester, three credits.*

### Eng 200 Statics & Strength of Materials

Forces on structures, moments and equilibrium. Free body diagrams and analysis; structural analysis. Stresses and deformation in axially-loaded members, torsion members and beams. Simple beam design. *First semester, three credits. Prerequisite: Phy 201.*

### Eng 201 Engineering Dynamics

Kinematics and kinetics of particles, systems of particles and rigid bodies using vector analysis. Energy and momentum methods. *Second semester, three credits. Prerequisite: Eng 200.*

### Eng 210 Computer Aided Design in Engineering

Introduction to CAD tools for prototyping, analyzing and communicating solutions to engineering problems. Lab class. *Both semesters, three credits. Prerequisite: Eng 101.*

### Eng 308 Electromagnetics I

Electrostatic and magnetostatic applications of divergence, gradient, and curl, dielectrics and dielectric media, field boundary value problems, with applications to engineering. *Identical to Phy 308. First semester, three credits. Prerequisite: Ma 302 and Phy 202.*

### Eng 309 Electromagnetics II

Magnetostatics, magnetic properties, induction, Maxwell's equations, propagation of electromagnetic radiation. *Identical to Phy 309. Second semester, three credits. Prerequisite: Eng 308 or Phy 308.*

### Eng 310 Materials Engineering

The structure-property relationship in materials including metals, ceramics, semiconductors, polymers and composites building progressively from electrons to atomic structure to bonding to crystal structures. The deliberate use of defects to alter material properties. *Lecture and Lab. Second semester, three credits. Prerequisite: Chm 107 and Phy 202.*

### Eng 320 Thermal-Fluid Sciences

An introduction to thermodynamics, fluid mechanics and heat transfer. *Second semester, three credits. Prerequisite: Phy 201.*

### Eng 405 Design Problems

Study of the design process. Design and fabrication of a device or system chosen by the student and approved by the instructor. Includes both written and oral design reports. *Prerequisite: Approval of department chairman. Both semesters, three credits.*

### Eng 406 Mechatronics

Characteristics and design of computerized electromechanical systems including robots. Lab includes a large interdisciplinary group design project. *Lecture and lab. First semester, three credits. Prerequisite: Eng 200.*

### Eng 407 Linear System Analysis

Continuous and discrete signals and systems. Laplace transforms. Fourier series and Fourier transforms. *Lecture and lab. First semester, three credits. Prerequisite: Ele 206 and Ma 302.*

### Eng 408 Linear Control Systems

Topics include system representation, time and frequency response, stability and application of state variables. *Lecture and lab. Second semester, three credits. Prerequisite: Eng 407.*

### Eng 450 Engineering Internship

A professional engineering work experience of at least 120 hours including readings, reports, interviews and evaluations. *Not applicable toward a major. Both semesters and summer, three credits.*

## DIVISION OF MATHEMATICAL SCIENCE

### DEPARTMENT OF MATHEMATICS

#### LIBERAL ARTS MODULES

##### Ma 080 Liberal Arts Modules

Development of the foundational mathematical skills necessary for success in a liberal arts curriculum. Includes Ma 081–Ma 086. *Both semesters, zero credit. Prerequisite: Math ACT 17 or below or Math Placement Test.*

##### Ma 081 Arithmetic Review

Basic arithmetic techniques relative to the real numbers, including fractions, decimals, percents, and properties of real numbers. *Both semesters, zero credit.*

##### Ma 082 Linear Equations

Evaluating, graphing and interpreting linear relationships. *Both semesters, zero credit. Prerequisite: Ma 081.*

##### Ma 083 Geometry

Basic geometric arguments including perimeter, area, volume and relationships in triangles. *Both semesters, zero credit. Prerequisite: Ma 082.*

##### Ma 084 Measurement

Calculations and conversions including length, mass, weight in English and metric units. *Both semesters, zero credit. Prerequisite: Ma 083.*

##### Ma 085 Descriptive Stats

Basic descriptive statistics, including mean, median, mode, and interpretation of graphs of data. *Both semesters, zero credit. Prerequisite: Ma 084.*

##### Ma 086 Mathematical Reasoning

Development of valid logical arguments in a variety of contexts. *Both semesters, zero credit. Prerequisite: Ma 085.*

#### MATH PREPARATORY MODULES

##### Ma 090 Math Preparatory Modules

Development of the foundational algebra skills necessary for success in the collegiate mathematics classroom. Includes Ma 091–Ma 095. *Both semesters, zero credit. Prerequisite: Ma 080.*

##### Ma 091 Number Systems

Review of foundational properties of numbers with an emphasis on the real numbers. *Both semesters, zero credit. Prerequisite: Ma 081 and Ma 085.*

##### Ma 092 Power Functions

Development and use of exponents, both integer and fractional, radicals and polynomials. *Both semesters, zero credit. Prerequisite: Ma 091.*

##### Ma 093 Inequalities

Solving inequality relationships, including relationships with absolute values, radicals and polynomials. *Both semesters, zero credit. Prerequisite: Ma 092.*

##### Ma 094 Factoring

Basic factoring techniques including factoring common terms and special forms. Includes the introduction of complex numbers. *Both semesters, zero credit. Prerequisite: Ma 093.*

##### Ma 095 Rational Expressions

Simplifying rational expressions, including addition, subtraction, multiplication and complex fractions. *Both semesters, zero credit. Prerequisite: Ma 094.*

### MATHEMATICS

##### Ma 103 College Algebra

Review of elementary algebra. Stress on the concept of relation and function, algebraic functions and their graphs. *Not applicable toward a major or minor. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT 20–25, or Ma 095.*

##### Ma 105 Trigonometry

A review of the exponential, logarithmic, trigonometric functions and their graphs, trigonometric identities/ equations and applications, as well as an introduction to sequences and series. Suggested calculator: TI 83, 84, Nspire, 89, or Nspire CAS. *Not applicable toward an Actuarial Science or Mathematics major or minor. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT 26–30, Ma 103, or placement into Ma 105.*

##### Ma 109 Essential Mathematics for Teachers

A study of mathematics properties, processes and symbols for prospective teachers on the elementary or middle school levels. Sets, relations, number theory, the real number system and problem solving. *Not applicable toward a major or minor. First semester, three credits. Prerequisite: Math ACT 18 or above, Ma 080 or placement into Ma 103 or higher.*

**Ma 110** Foundations of Mathematics for Teachers  
A study of mathematics properties, processes and symbols for prospective teachers on the elementary or middle school levels. Measurement, the metric system, geometry, congruence, coordinate geometry, probability and statistics. Not applicable toward a major or minor. *Second semester, three credits. Prerequisite: Math ACT 18 or above, Ma 080 or placement into Ma 103 or higher.*

**Ma 120** Applied Mathematics  
An introductory course in basic applied mathematics. *Three credits. Prerequisite: Math ACT 19 or below.*

**Ma 150** Introduction to Mathematical Reasoning  
A bridge or transition course between the lower level mathematics courses to more abstract and theoretical upper level courses in which mathematical proof is essential. Development of mathematical maturity is the ultimate goal of this class. This will be accomplished by developing the ability to interpret and use mathematical language and notation, understand elementary logic, learn how to read and understand mathematical definitions and proofs, construct and write mathematical proofs. *Not applicable toward a major or minor. Required of all before taking first 300-level math class unless waived by passing Mathematics Reasoning placement test. Second semester, three credits.*

**Ma 180** Introduction to Calculus  
A calculator-based applied calculus class in one variable. Derivatives, integrals and their applications will be studied. Required calculator: TI 83, 84 or Nspire. *Not applicable toward a major or minor. Three credits. Prerequisite: Math ACT 20–25, Ma 095 or placement into Ma 103 or higher.*

**Ma 200** Calculus I  
Introduction to analytic geometry, functions, limits and differentiation of algebraic functions and transcendental functions, definite and indefinite integration, and applications. Required calculator: TI 89 or Nspire CAS (or TI 83, 84 or Nspire if final mathematics course). *Both semesters, four credits. Prerequisite: Math ACT 31–36, Ma 105 or placement into Ma 200.*

**Ma 202** Calculus II  
A continuation of Ma 200. Topics include a variety of integration techniques, convergence of sequences, Taylor and Maclaurin Series, and parametric equations. *Required calculator: TI 89 or Nspire CAS. Both semesters, four credits. Prerequisite: Ma 200.*

**Ma 211** Theory of Geometry  
Structure of proof, deductive reasoning, a survey of the theory of Euclidean geometry with an emphasis on proofs involving lines, angles, triangles, polygons and circles with an emphasis on transformational geometry and analytical geometry. Experience

with Geometer's Sketchpad. *Not applicable toward an Actuarial Science or Mathematics major or minor.*

**Ma 220** Mathematical Problem Solving  
Discussion of quantitative problem-solving techniques through a variety of mathematical methods such as optimization, introductory statistics, financial mathematics, and introductory calculus. *Not applicable to an Actuarial Science major, a Mathematics major or minor, or a Mathematics Education major. Three credits. Prerequisite: Math ACT 20 or above, Ma 090 or placement into Ma 103 or higher.*

**Ma 300** Elementary Linear Algebra  
Vectors, vector functions, linear functions, solutions of linear systems of equations, matrices, determinants and eigenvalues. Required calculator: TI 89 or Nspire CAS. *Both semesters, three credits. Prerequisite: Ma 150 and Ma 200.*

**Ma 301** Calculus III  
A continuation of Ma 202. Topics include solid analytic geometry, functions of more than one variable, partial differentiation, multiple integration, and vector analysis including Green's Theorem and Stokes's Theorem. Required calculator: TI 89 or Nspire CAS. *Both semesters, four credits. Prerequisite: Ma 150 and Ma 202.*

**Ma 303** Discrete Math  
An introduction to set theory and logic, elementary combinatorics, graph theory and finite state machines. Required calculator: TI 89 or Nspire CAS. *Second semester, three credits. Prerequisite: sophomore, junior or senior standing; Ma 105 and Ma 150.*

**Ma 308** Theory of Interest  
Advanced topics in simple and compound interest, annuities and investment including force of interest, continuous and/or variable payment annuities. Required calculator: TI BA II Plus. *First semester, even-numbered calendar years, three credits. Prerequisite: Ma 150 and Ma 180 or Ma 202.*

**Ma 320** Applied Statistics  
A software-based course including discrete and continuous probability distributions, hypothesis testing, confidence intervals, correlation and regression. *Not applicable toward an Actuarial Science major or a Mathematics major or minor. Both semesters, three credits. Identical to BA 320. Prerequisite: Ma 090, Math ACT 20 or above, or placement into Ma 103 or higher.*

**Ma 388** Applications of Finance  
A study of the applications of the theory of interest and financial derivatives consistent with the SOA/CAS Exam FM/2 syllabus. *Second semester, odd-numbered calendar years, one credit. Prerequisite: Ma 308.*

**Ma 390** Linear Optimization

A study of linear programming methods employed in operations research. Topics include an introduction to modeling, the theory and application of the simplex method, duality and sensitivity analysis with applications directed toward business. *First semester, even-numbered calendar years, three credits. Prerequisite: Ma 300.*

**Ma 391** Topics in Optimization

A study of deterministic methods employed in operations research. Topics include specific cases of linear programming problems as well as integer and nonlinear programming. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Ma 150.*

**Ma 401** Elementary Number Theory

Divisibility, congruences, theorems of Fermat and Wilson, primitive roots, indices and quadratic reciprocity. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 150 and Ma 202.*

**Ma 402** Abstract Algebra

The theory of mathematical structures with an emphasis on group theory. Examples are taken from the real number system, linear algebra and calculus. Elements of number and set theory are used extensively. The study of homomorphisms, isomorphisms and related theory is included. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 202 and Ma 300.*

**Ma 403** Intermediate Analysis

The real and complex number systems, point-set theory, concepts of limits and continuity, differentiation of functions of one and more variables, functions of bounded variation, rectifiable curves and connected sets. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300 and Ma 301.*

**Ma 404** Probability & Statistics I

Elementary combinatorial analysis, independence and dependence, distribution functions, moment-generating functions, random variables, central limit theorem, elementary point and interval estimation, and hypothesis testing. Required calculator: TI 89 or Nspire CAS. *First semester, three credits. Prerequisite: Ma 150 and Ma 202.*

**Ma 405** Probability & Statistics II

Type of convergence in probability, law of large numbers, Chebyshev's inequality, central limit theory proven, development of point and interval estimates and hypothesis testing, regression, ANOVA, Chi square. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 404.*

**Ma 406** Differential Equations

Ordinary differential equations, methods of solution and applications, higher-order linear equations, series solutions,

systems of linear equations, Laplace transforms and numerical solutions. Required calculator: TI 89 or Nspire CAS. *Second semester, three credits. Prerequisite: Ma 301.*

**Ma 407** Modern Geometry

Methods and theory of transformational geometry in the plane and space, finite geometry, advanced Euclidean geometry, constructions, non-Euclidean geometry, projective geometry and experience with *Geometer's Sketchpad*. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300.*

**Ma 409** Introduction to Topology

An axiomatic development of point-set topology; connectivity, compactness, metrization, separability and topological equivalence. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300 and Ma 301.*

**Ma 415** Regression & Time Series

Linear regression, linear time series analysis, development and evaluation of regression and time series models, and forecasting. Exposure to a common analysis software package. *Three credits. Prerequisites: Ma 150 and Ma 404.*

**Ma 418** Actuarial Mathematics I

Actuarial modeling, including life states, survival models, and relevant random variable calculations; premium and reserves calculations; pension and retirement calculations. *First semester, odd-numbered calendar years, Corequisite: Ma 404.*

**Ma 419** Actuarial Mathematics II

A Continuation of Ma 418. Topics include actuarial modeling, including life states, survival models and relevant random variable calculations; premium and reserves calculations; pension and retirement calculation. *Second semester, even-numbered calendar years, three credits. Prerequisite: Ma 418.*

**Ma 420** Computational Mathematics

Solve interesting problems from upper level mathematics or computer science by programming one's own solution or by using a standard mathematical program like *Mathematica* or *Maple*. *Identical to CpS 406. Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 110, Ma 150 and Ma 202.*

**Ma 425** Complex Variables

Topics include complex numbers, analytic functions, elementary transformations, and complex integration. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 300 and Ma 301.*

**Ma 440** Combinatorial Mathematics

Topics include permutations, combinations, generating functions, and recurrence relations. Required calculator: TI 89 or Nspire CAS. *Three credits. Prerequisite: Ma 202 and Ma 300.*

**Ma 480** Capstone Experience Mathematics I

Required of all students majoring in mathematics. Allows students the opportunity for a thorough development of their philosophy of mathematics, exposes them to a variety of mathematical research, and addresses career and graduate school preparedness. *Not applicable toward a minor. First semester, one credit.*

**Ma 481** Capstone Experience Mathematics II

Required of all students majoring in Mathematics. An independent study of an advanced mathematical topic resulting in a written and oral presentation. *Not applicable toward a minor. Second Semester, one credit.*

**Ma 488** Applications of Probability

A study of the applications of calculus and probability consistent with the SOA/CAS Exam P/1 syllabus. *Second semester, even-numbered calendar years, one credit. Prerequisite: Ma 404.*

**Ma 497** Independent Study in Mathematics

Special study of a project chosen in consultation with mathematics faculty. *Three credits.*

## DEPARTMENT OF COMPUTER SCIENCE

**CpS 105** Computer Science Foundations

This course provides a broad exposure to the field of computer science. It emphasizes the development of computational thinking and problem solving skills, and an understanding of the societal and spiritual impact of computer programming and innovations. Students will write a paper expressing a biblical philosophy of technology; simulate a simple computer; design a web page; perform data analysis; and write, test, and debug a sequence of instructions. *Not applicable toward a Computer Science or Information Technology minor. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT 20 or above, Ma 090 or placement into Ma 103 or higher.*

**CpS 109** Introduction to Computer Programming

An introduction to programming using a high-level language. An emphasis on problem solving with structured techniques and use of objects. Development of problem-solving skills through programming exercises. *Lecture and lab. Both semesters, Distance Learning, three credits. Prerequisite: Math ACT 20 or above, Ma 090 or placement into Ma 103 or higher.*

**CpS 110** Computer Science I

Introduction to computer science through use of a high-level programming language as vehicle for understanding capabilities and limitations of computers. An emphasis on the object-oriented paradigm, including basic class design principles. Development of problem-solving skills through programming exercises. *Lecture and lab. Both semesters, three credits. Prerequisite: Math ACT 26 or above, CpS 109, Ma 103 or placement into Ma 105 or higher.*

**CpS 201** Information Technology I

Introduction to fundamental information technology concepts and troubleshooting. Problem-solving regarding installation and configuration of operating systems and common software applications with a focus on the Windows platform. *Lecture and lab. First semester, three credits.*

**CpS 202** Information Technology II

A continuation of CpS 201 with the focus on the Linux platform. *Lecture and lab. Second semester, three credits. Prerequisite: CpS 201.*

**CpS 209** Computer Science II

Introduces fundamental concepts needed to support software engineering efforts. Topics include GUI frameworks, design patterns, threading, memory management and team programming. *Lecture and lab. Both semesters, three credits. Prerequisite: CpS 110.*

**CpS 210** Data Structures

Data structures and algorithm analysis. Includes an introduction to an alternate computing platform. *Lecture and lab. First semester, three credits. Prerequisite: CpS 209.*

**CpS 225** Business Systems

Introduction to computer techniques used in a business environment. Topics include office automation via VBA, client-server database programming and web technologies. *Second semester, three credits. Prerequisite: CpS 110.*

**CpS 230** Computer Systems

Assembler language, interrupts, registers, memory addressing techniques, parameter passing mechanisms and the relationship between high-level languages and the computer. *Both semesters, three credits. Prerequisite: CpS 110.*

**CpS 301** Introduction to Database Management Systems

Introduction to database management systems and their use in business applications. Information modeling and database design techniques; commercial multiuser database management system. Emphasis on DBMS with a high-level programming language. *First semester, three credits. Prerequisite: CpS 110.*

**CpS 310** Microprocessor Architecture

Study of the basic microprocessor architecture focusing on the fetch-decode-execute cycle. Project involves writing a program which simulates the workings of a microprocessor including instruction decoding, addressing techniques, interrupt processing, etc. Discussion of RISC and CISC philosophies. *First semester, even-numbered calendar years, three credits. Prerequisite: CpS 209 and CpS 230.*

**CpS 320** Unix Programming

An introduction to tools and languages used to develop software for Unix-based operating systems. Presents a spectrum of techniques ranging from shell scripting to systems programming in C, with an emphasis on secure programming practices. *Second semester, three credits. Prerequisite: CpS 230.*

**CpS 335** Computer Network Fundamentals

Study of the hardware and software components of computer communications, including internet protocols, applications and security. *Second semester, three credits.*

**CpS 340** Project Management

Development of techniques and procedures to effectively lead projects from inception to successful completion. *Two credits. Prerequisite: CpS 202.*

**CpS 350** Programming Language Design

A study of programming language concepts from the imperative, functional, logic and object-oriented paradigms, with an analysis of their suitability to various problem domains. Includes a study of formal theory, as well as language efficiency and implementation details. Students will analyze an unfamiliar language in a significant research paper. *First semester, odd-numbered calendar years, three credits. Prerequisite: CpS 320.*

**CpS 360** Introduction to Operating Systems

The study of operating system techniques, including interrupt systems and memory, processor and device management. *Second semester, odd-numbered calendar years, three credits. Prerequisite: CpS 310.*

**CpS 401** Internet Application Development

A survey of current internet application development technologies including server database technologies, language choices for both Windows and Linux environments, and security considerations. Each student will build an internet application using the technologies presented. *Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 301.*

**CpS 406** Computational Mathematics

Will solve interesting problems from upper level mathematics or computer science by programming one's own solution or by using a standard mathematical program like *Mathematica* or *Maple*. *Identical to Ma 420. Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 110 and Ma 301.*

**CpS 420** Software Development

An introduction to methodologies and tools for efficient design, development and testing of object-oriented software. Emphasizes current software engineering best practices for developing medium-to-large scale business systems, including requirements analysis and project management. Students apply the techniques in a semester-long team project. *First semester, three credits. Prerequisite: CpS 301.*

**CpS 433** Network Administration

This course deals with administration issues that impact the planning, setup and maintenance of computer networks. Issues such as account policies, storage management, security, licensing, performance monitoring, providing support for a large user community, providing network services, etc. *Odd-numbered calendar years, three credits. Prerequisite: CpS 335 and CpS 202 or CpS 320.*

**CpS 440** Theoretical Foundations in Computer Science

A study in finite state machines, Turing machines, computability and formal languages. *Second semester, odd-numbered calendar years, three credits. Prerequisite: CpS 210 and Ma 150.*

**CpS 450** Language Translation Systems

A study of compilers and interpreters, including scanning, parsing and code generation. A compiler will be implemented with the aid of compiler generation tools. *Second semester, even-numbered calendar years, three credits. Prerequisite: CpS 350.*

**CpS 465** Information Technology Internship I

This internship is designed to be a part-time or full-time work experience totaling 40 hours per credit hour in any of the fields of information technology, which can include help desk support, network administration, desktop support, server support and website maintenance. The internship program is designed to be flexible so that the student's employer and faculty administrator can work together to provide an experience that is both educational and eye opening for the student. *Not applicable toward a Computer Science major or minor. Both semesters and summer, three credits. Prerequisite: junior or senior standing.*

**CpS 466** Information Technology Internship II

This internship provides additional work experience for students in the field of information technology. *Not applicable toward a major or minor. Both semesters, three credits. Prerequisite: CpS 465, junior or senior standing.*

**CpS 475** Computer Science Internship I

This internship is designed to be a part-time or full-time work experience totaling 40 hours per credit hour in any of the fields of software development, which can include testing, programming or design of software systems. The internship program is designed to be flexible so that the student's

employer and faculty administrator can work together to provide an experience that is both educational and eye opening for the student. Not applicable toward a major or minor. *Both semesters and summer, three credits. Prerequisite: junior or senior standing.*

#### **CpS 476** Computer Science Internship II

This internship provides additional work experience for students in the field of computer science. *Not applicable toward a major or minor. Both semesters, three credits. Prerequisite: CpS 475 and junior or senior standing.*

#### **CpS 479** Computer Science Seminar

Required of all students majoring in Computer Science or Information Technology. Students examine different facets of a professional career including spiritual growth, continual

learning and employment. *Not applicable toward a minor. First semester, one credit. Prerequisite: Senior standing.*

#### **CpS 490** Programming Challenges

This course focuses on twelve programming problem solving topics. Students learn how to apply these problem solving techniques to a wide range of problems. *Three credits.*

#### **CpS 491** Computer Security

A survey of the fundamentals of information assurance and computer security. *Second semester, three credits. Prerequisite: CpS 110.*

**CpS 499** Independent Study in Computer Science  
Special study of a project chosen in consultation with the computer science faculty. *Three credits.*

## DIVISION OF NURSING

#### **Nu 091** NCLEX Review

Focuses on review of nursing course content in Medical Surgical Nursing in preparation for the National Council's Licensure Exam for RN (NCLEX-RN). Includes computer-based practice exams to evaluate and build on the student's knowledge base. *Required during senior year. First semester, zero credit.*

#### **Nu 092** NCLEX Review

Focuses on review of nursing course content in Medical Surgical Nursing in preparation for the National Council's Licensure Exam for RN (NCLEX-RN). Includes computer-based practice exams to evaluate and build on the student's knowledge base. *Required during senior year. Second semester, zero credit.*

#### **Nu 105** Interpersonal Skills for Nurses

This course is designed to introduce the nursing major to the process of communication in nursing practice. The principles of communication, techniques of interviewing, and key components of therapeutic communication are presented in this course so that the student will learn to deal effectively with individuals across the life span. *Second semester, two credits. Prerequisite: Com 101. Corequisite: Com 101.*

#### **Nu 200** Nursing Process: Fundamentals

Utilization of the nursing process in giving care to adult and geriatric patients. Focus is on developing basic nursing skills as well as applying beginning physical assessment skills and therapeutic communication techniques. Simulated experiences and supervised practice of skills in the nursing laboratory. Clinical experiences in extended and acute care

inpatient facilities. *First semester, five credits. Prerequisite: Nursing Candidacy. Corequisite: Nu 203.*

#### **Nu 203** Nursing Process:

##### Beginning Physical Assessment

Development of basic skills in assessing adult patients identifying normal and common abnormal findings. Includes pediatric and geriatric adaptations for each body system. Simulated experiences and supervised practice of skills in the nursing laboratory. *First semester, three credits. Prerequisite: Nursing Candidacy. Corequisite: Nu 200.*

#### **Nu 204** Nursing Process: Beginning Medical-Surgical/Geriatric Nursing

Utilization of the nursing process in giving care to adult and geriatric patients with chronic and acute medical and surgical alterations in health. Emphasis is on the development of clinical assessment skills, nursing process application and mastery of basic clinical performance. Clinical experiences related to medical-surgical and geriatric nursing. *Second semester, six credits. Prerequisite: Bio 304, Nu 200 and Nu 203. Corequisite: Nu 312.*

#### **Nu 300** Nursing Process: Medical-Surgical Nursing

Utilization of the nursing process in giving care to adults with complex acute and chronic medical-surgical alterations in health. Emphasis is on nursing process application, advancing clinical performance and the development of critical-thinking skills. Clinical experiences related to medical-surgical nursing. *First semester, five credits. Prerequisite: Bio 308, Nu 204 and Nu 312. Corequisite: Nu 315.*

**Nu 303** Nursing Research & Statistics

A study of the research process with critical analysis of nursing research studies. An introduction to descriptive and inferential statistical methods, and computer analysis of data for selected parametric and nonparametric statistical techniques. *Second semester, three credits. Prerequisite: Nu 300.*

**Nu 304** Nursing Process:

## Maternal-Newborn Nursing

Utilization of the nursing process in the care of women of childbearing age, including care of women in the childbearing process and care of newborns. Focus is on nursing assessment, planning, implementation and teaching. Supervised practice of skills in the nursing laboratory and clinical experiences related to maternal-newborn nursing in outpatient and inpatient facilities. *Second semester, four credits. Prerequisite: Nu 300 and Nu 315. Corequisite: Nu 305.*

**Nu 305** Nursing Process: Pediatric Nursing

Utilization of the nursing process in giving care to pediatric patients and their families with both acute and chronic medical and surgical health problems. Emphasis is on development of pediatric clinical assessment skills, advancing clinical performance and advancing development of critical-thinking skills. Clinical experience related to pediatric nursing in both inpatient and outpatient areas. *Second semester, four credits. Prerequisite: Nu 300 and Nu 315. Corequisite: Nu 304.*

**Nu 312** Pharmacology

An introduction to the basic principles of pharmacology and their application to key body systems. *Second semester, two credits. Prerequisite: Bio 303 and Bio 304. Corequisite: Nu 204.*

**Nu 315** Advanced Pharmacology

Advanced principles of pharmacology that build on the introductory pharmacology course with application to additional body systems. *First semester, two credits. Prerequisite: Nu 312. Corequisite: Nu 300.*

**Nu 400** Nursing Process: Psychiatric Nursing

Utilization of the nursing process in giving care to individuals and their families involved in acute or chronic psychiatric crisis. Clinical experiences related to inpatient and outpatient mental health agencies. *First semester, four credits. Prerequisite: Nu 401 and Nu 407.*

**Nu 401** Nursing Process:

## Advanced Medical-Surgical Nursing

Utilization of the nursing process in giving care to families with highly complex and life threatening illnesses. Emphasis is on the development of critical thinking skills, the accomplishment of rapid, in-depth assessments and the performance of advanced nursing care of pediatric, adult

and aging patients in the critical care areas. *First semester, six credits. Prerequisite: Nu 304 and Nu 305.*

**Nu 402** Professional Nursing Issues

Consideration of ethical and legal nursing issues as well as other professional nursing issues. *Second semester, one credit. Prerequisite: Nu 401 and Nu 407.*

**Nu 406** Nurse in Christian Service

Study of the history, philosophy and ethics of nursing and the impact of these elements on current nursing practice. Areas of service for the Christian nurse are presented with a special emphasis on the mission field. *First semester, two credits. Prerequisite: Nu 304 and Nu 305.*

**Nu 407** Nursing Process: Community Health Nursing

Utilization of the nursing process to assist the community health client to assume responsibility for arriving at and implementing personal health choices. The concepts of health maintenance, health promotion, levels of prevention and epidemiology are applied to populations at risk and clients with chronic health problems. Clinical experiences in the public health department, home health and hospice care, clinics, industries and schools. *Second semester, four credits. Prerequisite: Nu 304 and Nu 305.*

**Nu 412** Nursing Practicum

Utilization of the nursing process and principles of nursing leadership and management in the care of groups of patients. Includes an extended practicum experience in a specific clinical area. *Second semester, eight credits. Prerequisite: Nu 401 and Nu 407.*



## DIVISION OF SOCIAL SCIENCE

### DEPARTMENT OF HISTORY

**Hi 101** History of Civilization c. 3500 BC to AD 1650  
A survey of ancient, medieval and modern history, from the advent of written records to AD 1650. Emphasis on the Western World, with appropriate coverage of non-Western cultures. An integrated study of political, economic, social, religious, intellectual and aesthetic aspects of culture in historical context. *First semester, Distance Learning, three credits.*

**Hi 102** History of Civilization since 1650  
A survey of early modern and modern history from AD 1650 to the present. Emphasis on Western World with appropriate emphasis on non-Western cultures and their contributions as well as African-American and women's studies. An integrated study of political, economic, social, religious, intellectual and aesthetic aspects of culture. *Second semester, Distance Learning, three credits.*

**Hi 201** United States History to 1865  
The formation of the United States from earliest settlement, through separation from England to the establishment of a Republic; origins and adoption of the Constitution and its subsequent interpretation; political, economic and intellectual development, sectional and ethnic differences. Civil War and Reconstruction to 1865. *First semester, Distance Learning, three credits.*

**Hi 202** United States History since 1865  
Political, economic, intellectual and military development of the United States from the post-Reconstruction era to the present. Appropriate emphasis on ethnic and women's studies. The growth of the United States to its position as a 21st century world power. *Second semester, Distance Learning, three credits.*

**Hi 300** Ancient Near East & Greece  
The rise of civilization in the Mesopotamian, Nile and Aegean areas; the development of Hellenic and Hellenistic cultures and their contributions to later ages. *Three credits. Prerequisite: Hi 101.*

**Hi 301** Rome  
The rise and development of Roman civilization from its prehistoric origins to imperial dominance, with emphasis on cultural and religious developments, the rise of Christianity and the declines of both the Republic and the Empire. *Three credits. Prerequisite: Hi 101.*

**Hi 310** Middle Ages  
Medieval Europe from the fall of Rome to 1300 with emphasis on the Roman Catholic Church, the development of states and cultural revival. *Three credits. Prerequisite: Hi 101.*

**Hi 330** Colonial Era in America  
Colonial America with an emphasis on British North America and including the French, Spanish and Native Americans. The development of colonial empire and the intersection of European and American cultures. *Three credits. Prerequisite: Hi 201.*

**Hi 333** Civil War & Reconstruction  
Sectional discord and constitutional crises as antecedents to the secession and armed conflict in the United States, major campaigns of the Civil War, and reconstruction of the South and transformation of the North. *Three credits. Prerequisite: Hi 201 and Hi 202.*

**Hi 350** The West since 1914  
Europe and America from 1914 to the present with emphasis on political, economic, diplomatic, cultural and social aspects. *Three credits. Prerequisite: Hi 102.*

**Hi 360** The Non-Western World since 1914  
Struggle for independence, impact of the West, disintegration of the traditional order, emergence into the modern world and contemporary problems. *Three credits. Prerequisite: Hi 101 and Hi 102.*

**Hi 370** Early Modern Europe & The French Revolution  
From the Thirty Years' War to 1815, the rise of Prussia and Russia, Napoleon and his significance, and philosophical evaluation of the era. *Three credits. Prerequisite: Hi 102.*

**Hi 400** Special Topics  
This course focuses on a particular topic, problem era or historical approach chosen by the professor. *Three credits.*

**Hi 402** Renaissance  
The transition in Europe from the Middle Ages to the Early Modern Era, including historical background, developments in thought and philosophy, humanism, the arts and government, 1300–1550. *Three credits. Prerequisite: Hi 101.*

**Hi 405** Reformation

Precursors of the German Reformation with emphasis on the contributions of Martin Luther, the Reformation in other countries and the Roman Catholic reaction. *Three credits.*

**Hi 406** Historiography

Introduction to the history of history and the philosophy of history, the use of historical tools, methods of investigation, problems of interpretation. *Both semesters, three credits. Prerequisite: Hi 101 and Hi 102.*

**Hi 407** England to 1750

England from pre-Roman era to 1750. Emphasis on the monarchy, law, parliament, society, economics and church reformation. *Three credits. Prerequisite: Hi 101.*

**Hi 409** Imperialism & Culture Shift in the Middle East since 1700

A study of the Middle East since 1700 under the framework of imperialism and culture. Includes imperial history; economic, social and cultural changes; military alliances and commercial ties. *Three credits. Prerequisite: Hi 101 and Hi 102.*

**Hi 414** Philosophy of History

Introduction to interpretation of history from the early Greek era to the 20th century with special emphasis on the 19th and 20th centuries. Formation of a biblically consistent worldview. *Three credits.*

**Hi 418** History of Religion in America

A survey of the major religious developments in the United States from the colonial period to the present, focusing on the transition from a predominant Protestant orthodoxy to religious pluralism. The course examines both the ideas of religious movements and their impact on American society. *Three credits. Prerequisite: Hi 101 and Hi 102.*

**Hi 425** America's Ideological Foundations

A study of the political beliefs of the founders of the United States; the sources of those beliefs; the effect of those beliefs on the establishment of the United States. *Three credits.*

**Hi 440** Historical Research & Writing

Techniques of historical research, analysis and composition culminating in a formal article-length paper based in part on primary documentation. *Required of all students majoring in History. Both semesters, three credits. Prerequisite: Hi 406.*

**Hi 449** American Legal History

Major developments in American legal history from the colonial period to the present with emphasis on the 19th and 20th centuries. *Three credits. Prerequisite: Hi 201 and Hi 202.*

**Hi 452** Europe in the 19th Century

Europe from the fall of Napoleon to the outbreak of World War I. Modern nationalism, militarism, and imperialism, and their influence upon international affairs and upon the forms of international relationships. *Three credits. Prerequisite: Hi 102.*

**Hi 460** American Social History since 1865

Topics in cultural and intellectual history including diversity, literature, media and consumerism. *Three credits. Prerequisite: Hi 101 and Hi 102.*

**Hi 480** History Internship

Interns will be introduced to broader perspectives of history such as historical literature, museum and library work, archaeology, the national park system, business or government. The internship encourages thoughtful reflection on future service and career goals. *Both semesters and summer, three credits. Prerequisite: junior or senior standing.*

**Hi 490** Independent Study

Special study of a project chosen in consultation with history faculty. *Three credits.*

**Hi 499** European Studies

Combination of travel and lectures in Europe. Visits and discussions related to men, movements and sites of Protestant, Anglican and Roman Catholic history. *Three credits.*

## DEPARTMENT OF SOCIAL STUDIES

### CRIMINAL JUSTICE

**CJ 101** Introduction to Criminal Justice

Functions, responsibilities and organization processes involved in the administration of criminal justice; local, state, federal and private agencies; police history; the police career and the public attitude; the role of the courts and the correctional process. *Both semesters, three credits.*

**CJ 107** Policing & Community Relations

This course considers how the police and the community can work as a team to enhance quality of life by reducing the incidence and severity of crime. *Three credits. Prerequisite: CJ 101.*

**CJ 200** Policing & American Society

Examines the relationship of the criminal justice system to American contemporary society including social order and institutions, order maintenance, crime fighting, special populations, police subcultures, terrorism and global implications of crime. *Not applicable toward a major. Second semester, three credits. Prerequisite: CJ 101.*

**CJ 201** Criminal Law

Origin and development of criminal law in America; classification and analysis of crime; defense of criminal acts. *First semester, three credits. Prerequisite: CJ 101.*

**CJ 202** Constitutional Law

Constitutional provisions, their development through court interpretation, and their application to law enforcement; substantive and procedural rights of the individual; law and arrest, search and seizure, right to counsel, self-incrimination, interviews and interrogation, due process of law and right to a fair trial. *Second semester, three credits. Prerequisite: CJ 101.*

**CJ 203** Juvenile Delinquency

Delinquency in the United States; extent and significance, causal analysis, juvenile court and techniques of prevention and treatment. *Second semester, three credits.*

**CJ 301** Criminal Justice Administration

Functions, structure and operation of law enforcement agencies; principles of organization and management techniques; recruiting, maintenance of personnel records, budget, administration of hearings and appeals, and support organizations. *First semester, three credits. Prerequisite: CJ 101.*

**CJ 303** Criminal Investigation

Criminal investigative procedures, crime scene preservation and search, collecting and preserving physical evidence, case preparation, questioning of witnesses and suspects, and problems in criminal investigations. *First semester, three credits. Prerequisite: CJ 101.*

**CJ 304** Crime Prevention

Theories of crime prevention. Discussion will include personal, home, business and corporate aspects of the topic. *Second semester, three credits. Prerequisite: CJ 101.*

**CJ 305** Corrections

History of corrections; review of federal, state and local penal systems; management and treatment of convicted criminals. Examination of corrections as part of the criminal justice system. *First semester, three credits. Prerequisite: CJ 101.*

**CJ 307** Probation & Parole

History, philosophy and practice of probation and parole. Goals and objectives of the probation program. *Second semester, three credits. Prerequisite: CJ 305.*

**CJ 310** Criminal Justice Ethics

Public relations, counseling, motivation and leadership; ethics in professionalism, education and training; ethical considerations of legal and corrections practitioners. *First semester, three credits.*

**CJ 312** Criminology

Types of crime; causes of crime; criminal behavior; control and prevention of crime; administration of justice, with emphasis on confinement, correction, pardon, parole, probation and community-based programs. *Second semester, three credits.*

**CJ 400** Cybercrime

Examines the rise of criminal activity conducted by means of computers, networked or otherwise, with an introduction to the criminological examination of methods used to investigate, prosecute and combat such crimes. The connection with terrorism will be explored as well as economic ramifications. *Second semester, even-numbered calendar years, three credits. Prerequisite: CJ 101.*

**CJ 401** Private Security

An introduction to private security purpose and practice. Examination of the working relationship between private security and law enforcement, loss prevention, site management and personal protection. *Three credits. Second semester, odd-numbered calendar years. Prerequisite: CJ 101.*

**CJ 402** Organized Crime

Origins of organized crime including domestic and international Mafia, hate groups, gangs, drug rings and white collar crime. Explores methods by which legitimate businesses maintain illegal enterprises, gambling and human trafficking. *First semester, three credits. Prerequisite: CJ 101.*

**CJ 404** Critical Issues in Criminal Justice

A senior capstone course which involves analysis of current events affecting criminal justice, exploration of emerging problems, consideration of recent court decisions, case studies in policy change and implementation, review of innovative justice programs and new technologies. A summative project that may be based on the student's intern experience is required. *Second semester, three credits. Prerequisite: CJ 101.*

**CJ 407** Homeland Security & Terrorism

Investigates the role police agencies play in today's era of the homeland security agency and specific strategies used to prevent future terrorism. *First semester, three credits. Prerequisite: CJ 101.*

**CJ 415** Criminal Justice Internship

Internships available with local government agencies and corporations during either senior semester, or rising seniors may intern at home over the summer. Application and syllabus available from Criminal Justice degree program coordinator. *Both semesters and summer, three credits.*

**CJ 499** Independent Study in Criminal Justice

Special study of a topic chosen in consultation with criminal justice faculty. *Three credits.*

## ECONOMICS, SOCIAL STUDIES

### SSE 200 Foundations of Economics

Blends the core concepts of both microeconomics (structure of markets, factors of production, elasticities) and macroeconomics (economic systems; public policy, including fiscal and monetary policy; supply and demand analysis of national income, inflation and unemployment) with personal responsibility as a citizen (credit, interest, banking, budgeting) to create a greater knowledge of the economy and the individual's role as a decision-maker within that economy. *Both semesters, Distance Learning, three credits.*

### SSE 210 Economics for the Professional

A deeper look at the economic decision-making of individuals, firms and governments in a world of scarce resources. Topics include markets, public goods, utility maximization, costs of production, market structures, antitrust policy, labor unions, poverty, health care, gross domestic product, economic growth, business cycles, unemployment, inflation, monetary and fiscal policy, the global economy and comparative advantage. *Both semesters, three credits. Prerequisite: SSE 200.*

## POLITICAL SCIENCE, SOCIAL STUDIES

### SSP 207 National Government

American government, the organization and functioning of American political life on the national level. *First semester, Distance Learning, three credits.*

### SSP 208 State & Local Government

Government on the local levels. *Second semester, three credits.*

### SSP 303 International Relations

Problems which arise between nations. Population, resources and nationalism and their potential for war or peace. Study of purpose and function of supranational government and agencies. *First semester, three credits.*

### SSP 304 American Political Parties/Interest Groups

The nature and scope of politics in the United States and the role of interest groups. The organization and functions of the party system and electoral methods. *Second semester, odd-numbered calendar years, three credits.*

### SSP 310 Comparative Politics

An examination of advanced democracies and communist, post-communist and developing nations with emphases on politics, economics and culture with a major focus on writing. *Second semester, even-numbered calendar years, three credits. Prerequisite: SSP 207.*

### SSP 401 Essentials of Public Policy

Public policy is the central function of government and provides the structure under which all citizens live. Course is an introduction to the theories and processes used to develop public policy, exploring the framework and challenges in which societal values and ideologies shape decision making. *Second semester, even-numbered calendar years. Three credits.*

### SSP 498 Political Science Internship

Assignments to be determined by program director. *Junior standing and Political Science minor. Six credits.*

### SSP 499 Political Science Internship

Assignments to be determined by program director. *Junior standing and Political Science minor. Second semester and summer, three credits.*

## PSYCHOLOGY

### Ps 200 General Psychology

The fundamental conditions and facts of thought and behavior, including the physiological basis of behavior, personality, emotions, feelings, sensations, learning, habit formation, memory and perception. *Both semesters, Distance Learning, three credits.*

### Ps 203 Human Growth & Development

Study of developmental patterns from prenatal period through senescence. *First semester, three credits.*

### Ps 303 Social Psychology

Influence of social forces on a person's perception of himself, others and the world around him. The interaction of thoughts and attitudes, including how and why we conform, persuade, help and discriminate. *Second semester, three credits. Prerequisite: Ps 200.*

### Ps 304 Experimental Psychology

Introduction to problems and methods of experimentation in psychology and critical treatment of content and methods; the logical and scientific basis of experimental psychology. An introduction to standardized tests used in psychology and the statistical basis for standard scores. Scientific procedures and research findings in areas of psychophysics, sensory processes, learning modification and complex processes. *Second semester, three credits.*

### Ps 402 Clinical Psychology

The history of clinical psychology, including a survey and critique of the major theories and therapeutic procedures currently used in dealing with the problems of human adjustment and behavior. Focuses on arriving at a biblical view of the diagnosis and treatment of problems. *Second semester, three credits. Prerequisite: Ps 450.*

**Ps 450** Abnormal Psychology

The history of the theories and classifications of abnormal behavior. Includes extensive coverage and critique of the DSM—the Diagnostic and Statistical Manual of Mental Disorders. *First semester, three credits.*

## SOCIOLOGY, SOCIAL STUDIES

**SSS 200** Introduction to World Cultures

An interdisciplinary approach to understanding cultural diversity and universals, and human-environment interaction using insights from the social sciences of anthropology and geography. *First semester, Distance Learning, three credits.*

**SSS 202** Introduction to Sociology

The principal concepts, methods and terminology of sociology. The relation of culture to group activities and an analysis of some of the major social institutions. *Both semesters, three credits.*

**SSS 304** Social Problems

The nature, types and extent of social problems in contemporary society: crime, divorce, war and urbanization. *Second semester, three credits. Prerequisite: SSS 202.*

**SSS 375** Readings & Research in Social Services

Critical analysis of readings in the social services field. Introduction to basic research concepts and methods with particular emphasis on synthesis and the development of literature reviews. Each section of the course focuses on a different aspect of the social services literature; possible topics include children and families, at-risk youth, mental health and well-being, diversity, social policy, and gerontology. *Three credits.*

**SSS 405** Seminar in Social Services

Course consists of an independent research project culminating in a formal paper showcasing both an understanding of the social services field and the student's analytical and writing skills. *Required of all students with a Social Services concentration. One credit. Prerequisite: SSS 375.*

**SSS 489** International Studies Seminar

A senior course required of all students majoring in International Studies, focusing on an independent research capstone project that culminates in a formal paper or presentation showcasing the student's analytical and communication skills. *First semester, one credit.*

**SSS 497** International Studies Internship

A summer practical experience requiring six weeks in a cross-cultural setting. *Three credits.*

**SSS 504** Cultural Anthropology

The components of culture and how they affect individual behavior. Problems of cross-cultural individual behavior; and problems of cross-cultural contact, particularly for the missionary. *Second semester, three credits.*

# FACULTY



## DEAN

### *Renae Midcalf Wentworth (2001)*

BA, Bob Jones University  
 MA, Bob Jones University  
 EdD, Bob Jones University  
 Additional graduate work,  
 Johns Hopkins University

## DIRECTOR OF STUDENT ENGAGEMENT

### *Rebecca Hill Weier (1990)*

BS, Bob Jones University; MS, Bob Jones University

### *Philip John Adams (Adjunct)*

BS, Bob Jones University; MA, Middlebury College

### *Daniel Jared Albert (Adjunct)*

BA, Bob Jones University; MA, Bob Jones University

### *Kimberly Gahman Daulton (Adjunct)*

BS, Bob Jones University; MS, Bob Jones University

### *Joy Clements Smith (Adjunct)*

BS, Bob Jones University; MEd, Anderson University

## DIVISION OF ENGLISH LANGUAGE & LITERATURE

### DIVISION CHAIR

### *Bruce Edward Rose (1996)*

BA, Bob Jones University; MEd, Bob Jones University  
 PhD, University of North Carolina at Chapel Hill

### *Dawn Watkins Apelian (Adjunct)*

BA, Bob Jones University; MEd, Bob Jones University  
 MA, Clemson University

### *Eileen Michele Berry (Adjunct)*

BA, Bob Jones University; MA, Bob Jones University

### *Julie McDowell Gainous (1988)*

BS, Tennessee Temple University; MEd, Bob Jones University  
 Additional graduate work, Northern Arizona University

***Paul Michael Garrison (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University  
MFA, Converse College

***Rhonda Scott Galloway (1981)***

BS, Bob Jones University; MS, Bob Jones University  
MEd, Bob Jones University; EdD, Bob Jones University  
Additional graduate work, Southern New Hampshire University

***Grace Collins Hargis (1961)***

BA, Bob Jones University; MA, University of North Carolina at  
Chapel Hill; PhD, Indiana University-Bloomington; Additional  
graduate work, University of Washington-Seattle Campus

***Ronald Arthur Horton (1960)***

BA, Bob Jones University; MA, University of California at  
Los Angeles; PhD, University of North Carolina at Chapel  
Hill; Additional graduate work at University of Oxford

***Chris Hanes Martin (1986)***

BA, Bob Jones University; MEd, Bob Jones University  
MA, Virginia Polytechnic Institute and State University  
PhD, University of Georgia

***Ronald Brenton McNeely (1998)***

BA, Bob Jones University; MA, Clemson University  
PhD, University of South Carolina-Columbia

***Elizabeth Youngberg Rose (1999)***

BA, Bob Jones University; MEd, Bob Jones University  
MA, Bob Jones University

***Karen Denise Rowe (1989)***

BA, Bob Jones University; MEd, Bob Jones University  
PhD, Bowling Green State University-Main Campus  
Additional graduate work, Clemson University

***Caren Salter Silvester (1978)***

BA, Bob Jones University; MA, University of South  
Carolina-Columbia; EdD, Bob Jones University

***Sidney Thomas Silvester (1981)***

BS, Central Michigan University; MEd, Bob Jones  
University; Additional graduate work, Clemson University  
and University of South Carolina-Columbia

***Raymond Alvin St. John (1965)***

BA, Bob Jones University; MA, Bob Jones University  
MA, University of Michigan-Ann Arbor;  
PhD, University of North Carolina at Chapel Hill

***Kelly Lynn Walter (2016)***

BS, Bob Jones University; MA, Bob Jones University

## DIVISION OF MODERN LANGUAGE & LITERATURE

**DIVISION CHAIR*****Jeremy Paul Patterson (2015)***

BA, Bob Jones University; MS, Bob Jones University  
MA, University of Portsmouth; DML, Middlebury College  
Additional graduate work, University of South Carolina

***Brenda Holte Hansen (1999)***

BS, Bob Jones University; MA, University of South Carolina-  
Columbia; MA, University of Nebraska-Lincoln; Additional  
graduate work, Adams State College

***Marian Amos Kasperek (2013)***

BS, Bob Jones University; MA, Saint Louis University-  
Madrid Campus; PhD, University of Oklahoma Norman  
Campus

***Ying Xue Leach (2004)***

BA, Bohai University; MA, Dalian Maritime University;  
MEd, Bob Jones University; EdD, Bob Jones University

***Robert Dale Loach (1984)***

BA, Bob Jones University; MA, Eastern Michigan University

***Miriam Avalos Lara Patterson (2006)***

BA, Bob Jones University; MS, Bob Jones University  
EdD, Bob Jones University; Additional graduate work,  
University of Southern Mississippi and New Mexico State  
University-Main Campus

## DIVISION OF NATURAL SCIENCE

### DIVISION CHAIR

*Richard Carlton Mowrey Jr. (2007)*

BS, Bob Jones University; PhD, Ohio State University-Main Campus

### Department of Biology

#### DEPARTMENT HEAD

*David Watts Boyd Jr. (2007)*

BS, Bob Jones University; MS, Clemson University  
MA, Bob Jones University; PhD, Clemson University

*Vincenzo Antignani (2013)*

BS, University of Naples Federico II; MS, University of Naples Federico II; PhD, University of Naples Federico II

*Christopher Knight Carmichael (2012)*

BS, Eastern Illinois University; MS, Central Michigan University; PhD, University of Southern Mississippi  
Additional graduate work, Michigan State University

*Marc Anthony Chetta (2011)*

BS, Louisiana State University; MD, Louisiana State University Health Sciences Center at New Orleans

*Steve David Figard (Adjunct)*

BA, Cornell University; MS, Northern Illinois University  
PhD, Florida State University

*Derrick Michael Glasco (2011)*

BS, Missouri Southern State University; PhD, University of Missouri-Columbia

*William Michael Gray (1981)*

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

*Amy Barney Hicks (2016)*

BS, Bob Jones University; PhD, Wake Forest University;  
Additional graduate work, Liberty University

*Thomas George Lamb (2003)*

BS, Bob Jones University; MS, University of West Florida  
PhD, Clemson University; Additional graduate work, Bob Jones University

*Jessica Lynn Minor (2014)*

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*Melanie Howard Schell (2015)*

BS, Bob Jones University; MPH, Liberty University

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## Department of Chemistry & Physics

### DEPARTMENT HEAD

*Brian Stanley Vogt (1983)*

BS, Bob Jones University; PhD, University of Florida

*Verne Lee Biddle (1989)*

BS, Bob Jones University; PhD, University of Tennessee-Knoxville

*Nicholas Wesley Gothard (2015)*

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

*Robert Lynn Hill (2010)*

BS, San Diego Christian College; MS, Ball State University  
EdD, Ball State University

*Robert Eugene Lee Sr. (2011)*

BS, The University of Tennessee-Chattanooga  
PhD, Purdue University-Main Campus

*George Thomas Matzko (1979)*

BS, Bob Jones University; PhD, Clemson University

*Richard Carlton Mowrey Jr. (2007)*

BS, Bob Jones University; PhD, Ohio State University-Main Campus

### Department of Engineering

#### DEPARTMENT HEAD

*William Palmer Lovegrove (1988)*

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

*Patrick David McGary (2008)*

BS, Bob Jones University; MS, University of Minnesota-Twin Cities; PhD, University of Minnesota-Twin Cities

*William Karl Woodham (2016)*

BS, University of South Florida; MS, University of Detroit Mercy



## DIVISION OF MATHEMATICAL SCIENCES

### DIVISION CHAIR

*Melissa Kristine Gardenghi (2004)*

BS, Bob Jones University; MEd, Bob Jones University  
MS, Clemson University; PhD, Clemson University

### Department of Mathematics

#### DEPARTMENT HEAD

*David Dean Brown (1984)*

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

*Melissa Kristine Gardenghi (2004)*

BS, Bob Jones University; MEd, Bob Jones University  
MS, Clemson University; PhD, Clemson University

*Gary Lee Guthrie (1966–2016, Adjunct)*

BSE, Eastern Illinois University; MA, Eastern Illinois  
University; PhD, Clemson University

*Kathy Dell Kohler (2006)*

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Additional graduate work, University of Illinois at  
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*Donna Flower Lawrence (1993)*

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*Kathy Diane Pilger (1982)*

BA, Eastern Illinois University; BS, Eastern Illinois University  
MA, Eastern Illinois University; EdD, Bob Jones University

*Deborah Gordon Summerlin (2007)*

BS, North Georgia College and State University  
MS, Clemson University; PhD, Clemson University

### Department of Computer Science

#### DEPARTMENT HEAD

*James Anthony Knisely (1992)*

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

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PhD, Clemson University

*Von Alan Hughes (2009)*

BIET, Southern Polytechnic State University  
MS, Columbus State University  
DBA, Northcentral University

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BS, Bob Jones University; MS, University of Tulsa  
Additional graduate work, Clemson University

*Ethan Travis McGee (Adjunct)*

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*Stephen Schaub (1996)*

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PhD, Clemson University

## DIVISION OF NURSING

### DIVISION CHAIR

*Suelane Yvonne Hannah (1999)*

BS, Madonna University; MS, Clemson University  
Additional graduate work, Bob Jones University

*Ramona Craner Anest (1985)*

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Additional work, Bob Jones University

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Additional graduate work, Capella University

*Nancy Greensmith Jones (2004)*

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*Ai Kato (2014)*

BSN, Bob Jones University; MSN, Gardner-Webb University

*Mary Jeshurun Lamb (1990–2007, 2016)*

AS, Pensacola State College, BA, Bob Jones University; BSN,  
University of South Alabama, MSN, Florida State University,  
DNP, Rocky Mountain University of Health Professions

*Megan Gillette Lanpher (2017)*

BSN, Western Carolina University; MSN, Vanderbilt  
University

*Brenda Hatch Ludwig (1994)*

BSN, University of Massachusetts; MS, University  
of Massachusetts; EdD, Bob Jones University

*Valarie Shearer Petersen (1995)*

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South Carolina-Columbia; DNP, Saint Louis  
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*Bradley Dale Reeder (2010)*

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Additional graduate work, University of South  
Carolina-Columbia

***Roberta Holmberg Vedders (2005)***

BSN, Western Carolina University; MSN, University of Phoenix; Additional graduate work, Capella University

***Kathryn Lee Wampole (2015)***

BS, Furman University; BSN, University of South Carolina Upstate; MSN, Charleston Southern University

## DIVISION OF SOCIAL SCIENCE

**DIVISION CHAIR*****John Austin Matzko (1972)***

BA, Bob Jones University; MA, University of Cincinnati  
PhD, University of Virginia

### *Department of History*

**DEPARTMENT HEAD*****Linda Kay Hayner (1971)***

BA, Western Michigan University; MA, Western Michigan University; PhD, Vanderbilt University; Additional graduate work, Bob Jones University

***Douglas Carl Abrams (1974)***

BA, Bob Jones University; MA, North Carolina State University at Raleigh; PhD, University of Maryland-College Park

***Linda Perry Abrams (1981)***

BA, Berry College; MA, University of Maryland-College Park; Additional graduate work, American Public University

***John Austin Matzko (1972)***

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PhD, University of Virginia

***Brenda Thompson Schoolfield (1992)***

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PhD, University of South Carolina-Columbia  
Additional graduate work, Furman University and University of South Carolina

***Mark Edward Sidwell (2001)***

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PhD, Bob Jones University; Additional graduate work,  
American Military University

### *Department of Social Studies*

**DEPARTMENT HEAD*****Linda Kay Hayner (1971)***

BA, Western Michigan University; MA, Western Michigan University; PhD, Vanderbilt University  
Additional graduate work, Bob Jones University

***Roger Clifton Bradley (2006–2007; 2015)***

BS, Bob Jones University; MEd, Bob Jones University  
PhD, Clemson University

***Gregory Joseph Mazak (1986)***

BS, Ohio State University; MEd, Clemson University  
MDiv, Bob Jones University; PhD, Bob Jones University

***Cynthia Lohn Midcalf (Adjunct)***

BS, Bob Jones University; MAT, Oakland University  
MSE, University of Wisconsin-Whitewater  
PhD, Capella University

***Larry Wayne McKeithan (2006)***

BS, Bob Jones University; MS, Tiffin University; Additional graduate work, University of Southern Mississippi

***Michael Glenn Wilkie (2012)***

BA, Bob Jones University; MMin, Bob Jones University  
MCJ, University of South Carolina-Columbia  
MPA, Columbus State University; DPA, Valdosta State University; Additional graduate work, University of Southern Mississippi

\* Leave of absence

Date indicates beginning year as university faculty.

SCHOOL OF  
RELIGION



# PROGRAMS

The School of Religion exists to provide high-quality training both in the knowledge, application and proclamation of the Bible, and in church ministry.

## GOALS

The student will ...

- Value the Bible as a means to know, love and serve Jesus Christ.
- State and defend central doctrines of the Christian faith.
- Apply biblical teaching to life choices.
- Apply biblical teaching to ministry roles in the church.

## DIVISIONS

The School of Religion is organized into two divisions:

- Division of Bible
- Division of Ministries

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with a major in Christian Ministries

The *Bachelor of Arts* degree with majors in Bible, Biblical Counseling, Biblical Studies and Cross-Cultural Service

The *Bachelor of Science* degree with a major in Christian Ministries

### *Graduate Degrees: Seminary & Graduate School of Religion*

The *Master of Arts* degree with majors in Biblical Counseling, Biblical Studies, Ministry Studies and Theological Studies

The *Master of Divinity* degree

The *Master of Ministry* degree

The *Doctor of Ministry* degree

The *Doctor of Philosophy* degree in Theological Studies

*Please refer to the current Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*

## GAINFUL EMPLOYMENT

For graduation rates, the median debt of students who completed the program, and other important information, visit [www.bju.edu/rates](http://www.bju.edu/rates).



**Samuel E. Horn, PhD, DMin**  
Dean

## Program Emphasis

Approximately half of the ministry student's degree program is devoted directly to the cultivation of the knowledge and skills necessary for the ministry. These courses are designed to provide a wholesome balance between the knowledge of the Word of God, its practical application to the personal life and its proclamation in the world.

## Ministry Chapel

Each week students majoring in the School of Religion and those interested in ministry meet together to receive instruction and inspiration from the director of Ministerial Training and other experienced men of God. School of Religion students register each semester for Min 100 Ministry Chapel which meets one day weekly during the regular chapel time.

## Internship Program

Several programs in the School of Religion require an internship in which the student is placed under an experienced, fundamental pastor, missionary or organization where the student receives practical experience in evangelism, discipleship, worship, teaching, preaching, and/or leadership in the local church or in mission work.

## Bible Reading

The School of Religion requires majors to read through the entire Bible in a year, and they do this three years in a row (in a four-year program). The reading cycle is the calendar year (January–December), so a student who enrolls as a freshman in September begins the program the following January. Thus, a senior completes his or her third cycle in the middle of his or her senior year.

## Outreach Ministries

Throughout the week and on weekends, outreach opportunities provide for the development of student leadership and experience in various types of church-based ministries, such as sports ministry, after school public school programs, jail services, retirement home ministries, youth work and child evangelism. Students may secure information regarding outreach in the Greenville area through the Center for Global Opportunities.

## Summer Ministry Report

In addition to the requirements set forth in the Undergraduate Catalog, the School of Religion requires a Summer Ministry Report for all undergraduate students enrolled in the program. The Summer Ministry Report includes summer ministry activities and is to be submitted each August. No grade/credit is given for this report.

## Mission Teams

Each year students have the opportunity to minister in other regions of the world by participating in one of BJU's mission teams organized through the Center for Global Opportunities. Students prepare throughout the year and raise their own financial support. Teams go to various countries spanning the globe using trade skills, sports, music and preaching/teaching to reach the lost with the Gospel and

to challenge the team members to consider their lifelong level of involvement concerning the Great Commission. Each fall one chapel service is set aside for the promotion of summer mission teams.

### Church Planting Outreach

Ministry graduates are strongly encouraged to consider planting a fundamental church in a needy area. The director of Pastor Relations can advise prospective church planters regarding needy areas for church planting, as well as point them to mission boards and resources to assist in church planting.

### Church Staffing Services

Bob Jones University operates a church staffing service that both pastors and churches can utilize for the purpose of streamlining the process of connecting churches with likeminded servants of the Lord.

### Partners In Planting

Bob Jones University strongly encourages all our graduates to be local church oriented, and challenges students to consider partnering with new church plants or small churches needing help. The Center For Global Opportunities assists students in finding these churches.

## SCHOOL OF RELIGION BACHELOR DEGREE CONCENTRATIONS

The School of Religion offers concentrations for bachelor programs in the Division of Bible (except BA, Biblical Studies) and the Division of Ministries. Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

SCHOOL OF RELIGION BA, BS Major/Concentration Combinations (major total includes concentration)	Apologetics (12)	Biblical Languages (12)	Church Worship (15)	Communication (12)	Educational Studies (12)	Pastoral Ministry (12)	Sports Ministry (12)	Women's Ministry (12)	Youth Ministry (14)
<b>BA Bible</b> (48-51)	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>BA Biblical Counseling</b> (48-51)	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>BA Cross-Cultural Service</b> (48-51)	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>BS Christian Ministries</b> (48-51)	✓		✓	✓	✓	✓	✓	✓	✓
<b>BA Biblical Studies</b> (36)	<b>N/A Concentration</b> Double Major (BA) or Dual Degree (BS/BSN, BFA, BMus)								

### *Apologetics Concentration*

*Courses: 12 credits*

HS 402	Bioethics (3)
Hi 406	Historiography (3)
Bi 325	Modern Cults (3)
Bi 415	Incarnation & the Humanities (3)
Bi 430	Foundations for Biblical Lifestyle (2)
CCS 410	World Religions (3)
Min 430	Christian Masterworks (3)
Ph 302	Ethics (3)
Ph 305	Aesthetics (3)
Ph 400	Ancient & Medieval Philosophy (3)
Ph 401	Modern Philosophy (3)
Com 405	Persuasion (3)

## APOLOGETICS CONCENTRATION

The Apologetics concentration prepares students to explain and defend a Christian worldview. Students take a broad spectrum of courses to develop critical thinking and communication skills. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical thinking to life choices.

### Program Learning Outcomes

The student will . . .

- Articulate arguments in support of Christianity.
- Evaluate alternative worldviews and analyze the underlying presuppositions on which they are constructed.
- Creatively apply the Christian worldview to multiple fields of human learning.



### Biblical Languages Concentration:

Courses: 12 credits

BG 300	I Corinthians in Greek (3)
BG 303	Galatians & the Pastoral Epistles in Greek (3)
BG 400	Septuagint in the Greek New Testament (3)
BG 408	Matthew in Greek (3)
<b>OR</b>	
<i>Greek Electives (300/400-level) (6)</i>	
SOT 601	Elementary Hebrew I (3)
SOT 602	Elementary Hebrew II (3)

### Church Worship Concentration

Courses: 15 credits

Min 220	Worship in the Church (2)
Min 320	Planning & Leading Corporate Worship (2)
SM 100	Church Music Administration (2)
SM 307	Congregational Song Leading (1)
SM 503	Hymnology (3)
<i>Music/Media Electives (5)</i>	
· Min 210	Audio Visual Technology in the Local Church (1)
· SM 301	Church Music Administration II (2)
· SM 302	Church Music Administration III (2)

Private Music Instruction (1)

Two semesters of music ensemble are strongly recommended.

### Communication Concentration

Courses: 12 credits

Com 202	Principles of Communication (3)
<i>Communication Electives (9)</i>	
· Hm 303	Advanced Expository Preaching (3)
· Min 360	Communication & Social Media (3)
· Com 211	Expository Writing (3)
· Com 215	Introduction to Public Relations (3)
· Com 300	Media & Society (3)
· Com 303	Organizational Communication (3)
· Com 314	Introduction to Leadership (3)
· Com 323	Critical Writing (3)
· Com 324	Business Writing (3)
· Com 405	Persuasion (3)
· Com 410	Oral Communication for the Professions (3)
· Com 470	Advertising Principles & Practices (3)
· Com 507	Conflict Management (3)
· Com 520	Intercultural Communication (3)
· Com 521	Nonverbal Communication (3)

## BIBLICAL LANGUAGES CONCENTRATION

The Biblical Languages concentration prepares students to read the Bible in its original languages. Students focus on grammar, syntax, and larger segments of discourse in these courses, having the option of focusing on Koine Greek alone, or on both Greek and Hebrew. This 12 credit concentration supports the School of Religion's goal of valuing the Bible as a means to know, love and serve Jesus Christ.

### Program Learning Outcomes

The student will . . .

- Read biblical Greek with minimal assistance from lexicons or grammars.
- Identify grammatical and syntactical features in biblical Greek that are exegetically significant.

#### Hebrew Option

- Read biblical Hebrew narrative with minimal assistance from lexicons or grammars.

## CHURCH WORSHIP CONCENTRATION

The Church Worship concentration prepares students to plan and lead gathered Christian worship in a local church. Students take courses to develop a biblical philosophy of worship, to understand the role of congregational singing in church history, and to develop the skills needed to plan and lead a worship service. The concentration requires 15 credits and supports the School of Religion's goal to apply biblical teaching to life choices.

### Program Learning Outcomes

The student will . . .

- Create a sequence of the elements of gathered Christian worship.
- Lead a congregational song.
- Explain various theological principles and applications in the history of congregational singing.

## COMMUNICATION CONCENTRATION

The Communication concentration prepares students to more effectively communicate ideas by understanding the communication process, developing aesthetic sensibilities, and increasing their ability to adapt to a constantly changing digital society. Students choose from courses that target the development of platform, interpersonal, and writing skills as well as other subjects within the field of communication. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical teaching to life choices.

### Program Learning Outcomes

The student will . . .

- Communicate clearly, eliminate distractions, and apply aesthetic sensibility.
- Communicate and interpret verbal and nonverbal messages in a variety of environments.
- Understand the fundamental dynamics and strategic uses of various communication mediums.

### Educational Studies Concentration

Courses: 12 credits

Ed 100	Introduction to Education (3)
Ed 201	Theories of Teaching & Learning (3)
<i>Foundations in Reading Elective (3)</i>	
· Ed 305	Foundations in Reading for Early Childhood & Elementary Teachers (3)
· Ed 306	Foundations in Reading for Middle & Secondary School (3)
<i>Education Elective (3)</i>	
· Ed 250	Foundations in Early Child Care & Education (3)
· Ed 260	Behavior & Development of the Young Child (3)
· Ed 300	Foundations in Instructional Technology (3)
· Ed 323	Introduction to Exceptional Learners (3)
· Ed 352	Early Childhood Curriculum (3)

### Pastoral Ministry Concentration

Courses: 12 credits

Min 205	Evangelism & Discipleship (2)
Min 220	Worship in the Church (2)
Min 399	Pastoral Internship (2)
Min 471	Pastoral Theology (3)
<i>Church/Preaching Elective (3)</i>	
· Hm 303	Advanced Expository Preaching (3)
· Min 420	Current Church Issues (3)

### Sports Ministry Concentration

Courses: 12 credits

Min 203	Foundations of Youth Ministry (3)
ESS 101	Introduction to Sports Management (3)
ESS 105	Foundations of Exercise Science & Sport (3)
<i>Exercise &amp; Sport Science Elective (3)</i>	
· ESS 200	Sports & Society (2)
· ESS 201	Sports Marketing & Communication (3)
· ESS 205	Health Education & Physical Activity (3)
· ESS 301	Coaching Basketball (2)
· ESS 313	Coaching Soccer (2)
· ESS 319	Coaching Volleyball (2)
· ESS 320	Coaching Softball (2)

## EDUCATIONAL STUDIES CONCENTRATION

The educational studies concentration prepares students to understand the educational needs of students and the educational structures and practices that seek to meet these needs.

Students will take courses that introduce them to historical facts about American education and current issues and trends impacting education. Students will also select from courses that allow for exploration of various topics within the field of education. The concentration requires 12 credits and supports the School of Religion's goal to develop ministry skills for evangelization and discipleship.

### Program Learning Outcomes

The student will . . .

- Explain how various historical and philosophical perspectives on education align with a biblical worldview.
- Demonstrate appropriate interpersonal and pedagogical skills during clinical experiences with students.
- Evaluate important instructional practices in literacy education.

## PASTORAL MINISTRY CONCENTRATION

The purpose of the Pastoral Ministry concentration is to prepare students to pastor a church. The coursework focuses on the typical responsibilities of pastoring a church. This 12 credit concentration supports the School of Religion's goal to apply biblical teaching to ministry roles in the church.

### Program Learning Outcomes

The student will . . .

- Apply biblical teaching to pastoral leadership.
- Analyze issues related to church ministry.

## SPORTS MINISTRY CONCENTRATION

The Sport Ministry concentration prepares students to intentionally evangelize and disciple others through sport and recreation outreach activities. Students will take courses which will prepare them to organize and supervise physical activities with an intentional purpose of evangelization and discipleship. The concentration requires 12 credits and supports the School of Religion's goal to develop ministry skills for evangelization and discipleship.

### Program Learning Outcomes

The student will . . .

- Intentionally evangelize the lost through planning and organizing sport and recreational activities.
- Intentionally disciple believers through leading sport and recreational activities.
- Communicate a biblical philosophy of stewardship of the body which is the temple of the Holy Spirit.
- Articulate a philosophy of competition from a biblical worldview perspective.

### Women's Ministry Concentration

Courses: 12 credits

Bi 325	Women in the Bible (3)
BC 461	Counseling Women (3)
Min 330	Women Teaching Women (3)
<i>Women's Ministry Elective (3)</i>	
· BC 331	Biblical Family Foundations (3)
· Ed 100	Introduction to Education (3)
· Ed 321	Child Growth & Development (3)
· Ed 322	Adolescent Growth & Development (3)

### Youth Ministry Concentration:

Courses: 14 credits

Min 203	Foundations of Youth Ministry (3)
Min 393	Youth Ministry Internship (2)
Ed 322	Adolescent Growth & Development (3)
<i>Ministry Elective (3)</i>	
· Bi 335	Women of the Bible (3)
· Min 471	Pastoral Theology (3)
<i>Education or ESS Elective (3)</i>	

## WOMEN'S MINISTRY CONCENTRATION

The Women's Ministry concentration equips students with a biblical philosophy of women as they relate to God and minister in the family, church, and work place. Course work will enable students to learn the value God places on women in His work and how they can apply that knowledge in a variety of ministry contexts. The concentration requires 12 credits and supports the School of Religion's goal to apply biblical teaching to ministry roles in the church.

### Program Learning Outcomes

The student will . . .

- Communicate a biblical philosophy of women's ministry.
- Biblically evaluate current women's ministry practices.
- Communicate with women, both interpersonally and corporately.

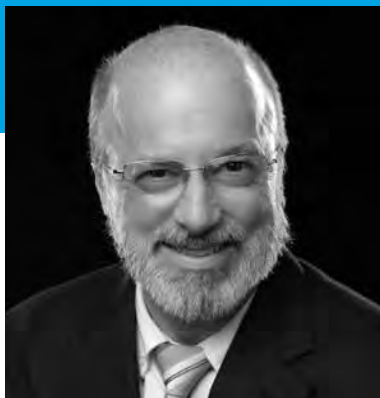
## YOUTH MINISTRY CONCENTRATION

The Youth Ministry concentration prepares students to reach the next generation of youth with the gospel of Jesus Christ through the local church, camp ministry, and/or athletic outreach. Students will choose from a variety of courses that will enhance their ability to understand youth culture and connect with youth from all ages. The concentration requires 14 credits and supports the School of Religion's goal to apply biblical principles to practical ministry settings.

### Program Learning Outcomes

The student will . . .

- Evaluate effective methods for reaching modern youth.
- Articulate a biblical philosophy of youth ministry.
- Facilitate personal evangelism, small group interaction, and large group programming.



**Daniel P. Olinger, PhD**  
Chair

## DIVISION OF BIBLE

The Division of Bible of the School of Religion offers a Bachelor of Arts degree with majors in Bible or Biblical Studies and minors in Biblical Studies or Greek. Courses offered in this department include the general area of Bible, including English Bible interpretation, Bible doctrine and Bible history and are for students to fulfill the general degree requirements in Bible and philosophy. Courses are also available as general electives and for general degree requirements in foreign language.

Concentrations are offered for bachelor programs in the Division of Bible (except BA, Biblical Studies). Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

The Greek courses numbered on the 100–200 levels are basic courses designed to equip the student for further study. They may not be taken simultaneously with any other Greek courses. Students who do not have adequate preparation in English grammar should defer starting Greek until this weakness has been remedied. The courses numbered 300 and 400 do not necessarily represent a difference in degree of difficulty and, therefore, need not be taken in any certain order. A student who registers to take two upper-division Greek courses simultaneously must have a previous average of C in Greek. No proficiency credit will be given in ancient languages.

### PURPOSE

The Division of Bible supports the University's mission to grow Christlike character by providing students with an understanding of and appreciation for the teachings of Scripture. The division provides students preparing for various types of vocational Christian ministry with the necessary knowledge and skills in Bible interpretation, and also enables students preparing for other vocations to develop a biblical worldview that will inform and direct their service for Christ.

## GOALS

The student will ...

- Explain the major themes and specific content of the Bible.
- Use the grammatico-historical method to interpret the Bible accurately.
- Value the person of Christ with his or her personal devotion.
- Explain and defend the fundamental doctrines of the Christian faith.
- Make choices that are informed by and consistent with biblical teachings.

## BIBLICAL STUDIES MINOR

The Biblical Studies minor provides additional Bible knowledge and related skills beyond the BJU Core. Students fulfill the BJU Core Bible requirements and then select at least two additional credits at the 300 or 400-level from Bible, New Testament or Old Testament courses. This minor requires 18 credits and supports the goals of the School of Religion by enabling the student to believe, explain and defend the central doctrines of the Christian faith and to apply biblical teaching to life choices and to ministry roles in the church.

## GREEK MINOR

The Greek minor provides an understanding of biblical Greek beyond the elementary and intermediate levels. It enhances language skills for comprehension in the classroom and for personal use.

A minor in Greek consists of BG 101 Elementary Greek I (3), BG 102 Elementary Greek II (3), BG 201 Intermediate Greek I (3), BG 202 Intermediate Greek II (3), and six credits of electives with a BG prefix.



## Bachelor of Arts, **Bible**

**Daniel P. Olinger, PhD**  
*Program Coordinator*

The Bible major prepares students to serve God as pastors, evangelists or Christian workers for whom the interpretation and proclamation of the Word of God are primary skills. Program emphases include: Bible, ministry studies and practice, biblical languages and oral communication skills. The major supports the goals of the School of Religion by enabling the student to believe, explain and defend the central doctrines of the Christian faith, and to apply biblical teaching to life choices and to ministry roles in the church. The program requires 48–51 credits in the major including a concentration of 12–15 credits. Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

### Bachelor of Arts, Bible and Master of Divinity Dual Enrollment Track

The Bachelor of Arts in Bible and Master of Divinity dual enrollment track provides the traditional ministry training program with an accelerated graduate-level track for those seeking to complete both degrees in a reduced time for earlier entrance

into the ministry as pastors, teachers, counselors, missionaries or evangelists. The unique characteristics of the dual enrollment track allow students to finish two degrees within six years as opposed to seven to nine years and for less cost. By meeting the requirements for the BA in Bible and the Master of Divinity, students gain the benefits of both degrees including courses in liberal arts, biblical content, theology, church history, biblical languages and ministry skills.

Students who meet the eligibility requirements may apply for this program during their first year and receive guidance about prescribed course sequence due to the prescriptive nature for dual enrollment. All students will complete a minimum of 128 credits for the Bachelor of Arts degree, with 88 credits for the Master of Divinity degree. Depending on the chosen concentration, students will receive dual credits for 10 to 12 courses, thereby reducing the undergraduate credit load by 30 to 36 hours and the time to complete the master's degree. Courses for this dual enrollment track are available both in residence during the academic year and/or online via distance education.

The dual enrollment track supports the goals of the School of Religion and the Seminary and Graduate School of Religion.

## Eligibility Requirements

### First Year

1. Students begin as a Bible major and during the first semester enroll in Min 110 Introduction to Christian Ministry and learn about the Seminary and Graduate School of Religion programs and the dual enrollment track.
2. During the second semester, students apply for acceptance to the dual enrollment track. Acceptance is limited per cohort each year.
3. Complete BJU Core courses and build a cumulative grade point average (GPA) of at least 3.0 or higher.

### Second & Third Years

4. Students maintain a cumulative 3.0 GPA while completing BJU Core, major/concentration and prescribed undergraduate and graduate disciplines: hermeneutics, Greek, theology, homiletics and exposition. If a student withdraws from a prescribed course in a particular semester or if his cumulative GPA falls below a 3.0, the student may be moved to the standard programs and/or jeopardize the ability to complete the graduate degree in six years.
5. Only students admitted to this track are eligible to earn dual credit with specified graduate-level courses.
6. Students will progress through this track as a cohort and meet with the BA Bible/MDiv program coordinator regularly.

### Fourth Year

7. Complete undergraduate and graduate disciplines in Greek, exegesis and apologetics.
8. Students who successfully complete the undergraduate requirements earn a Bachelor of Arts degree in Bible.

### Fifth & Sixth Years

9. Complete graduate-level courses including Hebrew and an internship.
10. Students who successfully complete the graduate requirements earn a Master of Divinity degree.

## Bible Program Summary

Major .....	48–51
BJU Core .....	68
Electives .....	9–12
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

Major: 48–51 credits

NT 430	Romans (3)
NT 440	I Corinthians (3)
OT 200	The Pentateuch (3)
BC 241	Fundamentals of Counseling (3)
Min 101–402	Ministry Outreach (0)
Min 110	Introduction to Christian Ministry (1)
Min 350	History of Christianity (3)
Min 400	Gospel in a Multicultural World (2)
Com 314	Leadership & Communication (3)
<b>Concentration<sup>3</sup> (12–15)</b>	
·	Apologetics (12)
·	Biblical Languages (12)
·	Church Worship (15)
·	Communication (12)
·	Educational Studies (12)
·	Pastoral Ministry (12)
·	Sports Ministry (12)
·	Women's Ministry (12)
·	Youth Ministry (14)
<b>New Testament Electives (300/400-level) (3)</b>	
<b>Old Testament Electives (300/400-level) (6)</b>	
<b>Preaching/Teaching Electives<sup>4</sup>(6)</b>	
·	Bi 330 The Biblical Role of Women (3)
·	Hm 301 Homiletics I (3)
·	Hm 302 Homiletics II (3)
·	Min 330 Women Teaching Women (3)

BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ph 302	Ethics (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
·	Ar 225 Appreciation of Art (2)
·	Mu 225 Appreciation of Music (2)
·	ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 201	Public Speaking (3)
<i>Greek Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives

9–12 credits and/or select a minor

## Program Learning Outcomes

The student will ...

- Evaluate biblical passages in the light of their historical and cultural context.
- Exegete passages from all the significant genres of Scripture.
- Prepare expositional sermons or teaching outlines appropriate for formal church services or lay ministry.
- Create personal statements of doctrine and application.
- Complete practical ministry requirements outside the classroom.

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 201	Public Speaking (3)
OT 200	The Pentateuch (3)	Min 102	Ministry Outreach (0)
Min 101	Ministry Outreach (0)	Math/Computer or Science Elective (3)	
Min 110	Introduction to Christian Ministry (1)	Electives or Minor (3)	
FA 125	Introduction to the Arts (1)	<b>Total Credits: 16</b>	
Com 101	Fundamentals of Speech (3)		
<b>Total Credits: 16</b>			

### Second Year

Ph 200	Themes in Western Thought (3)	Sc 200	Essential Science (3)
Com 314	Leadership & Communication (3)	Bi 230	Hermeneutics (3)
Min 201	Ministry Outreach (0)	Min 202	Ministry Outreach (0)
Fine Arts Appreciation Elective <sup>1</sup> (2)		English or Writing Elective (3)	
Greek Elective (3)		Greek Elective (3)	
OT Elective (300/400-level) (3)		Electives or Minor (4)	
Electives or Minor (2)		<b>Total Credits: 16</b>	
<b>Total Credits: 16</b>			

### Third Year

Bi 350	Bible Doctrines (3)	SSE 200	Foundations of Economics (3)
Ph 302	Ethics (3)	Bi 360	Bible Doctrines (3)
Min 301	Ministry Outreach (0)	BC 241	Fundamentals of Counseling (3)
Min 350	History of Christianity (3)	Min 302	Ministry Outreach (0)
Greek Elective (3)		Greek Elective (3)	
Preaching/Teaching Elective <sup>2</sup> (3)		Preaching/Teaching Elective <sup>2</sup> (3)	
Electives or Minor (1)		Electives or Minor (2)	
<b>Total Credits: 16</b>		<b>Total Credits: 17</b>	

### Fourth Year

NT 430	Romans (3)	Bi 499	Apologetics & Worldview (3)
Min 400	Gospel in a Multicultural World (2)	Min 402	Ministry Outreach (0)
Min 401	Ministry Outreach (0)	NT 434	I Corinthians (3)
Bible Elective (300/400-level) (2)		NT Elective (300/400-level) (3)	
OT Elective (300/400-level) (3)		Concentration <sup>3</sup> (6)	
Concentration <sup>3</sup> (6)		<b>Total Credits: 15</b>	
<b>Total Credits: 16</b>			

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> Bi 330 The Biblical Role of Women, Hm 301 Homiletics I, Hm 302 Homiletics II or Min 330 Women Teaching Women

<sup>3</sup> Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.





## Bachelor of Arts, Biblical Studies

**Neal D. Cushman, PhD**  
*Program Coordinator*

The Biblical Studies major provides significant Bible and liberal arts courses in preparation for graduate work or for bi-vocational ministry. By effectively using general electives within the program, students may customize the program around their personal strengths and interests including the opportunity to complete a double-major or dual degree. The major supports the goals of the School of Religion by enabling the student to believe, explain and defend the central doctrines of the Christian faith, and to apply biblical teaching to life choices and to ministry roles in the church. The program requires 36 credits in the major.

### Program Learning Outcomes

The student will ...

- Analyze the broad framework of themes, history, authors, and audiences of the Bible.
- Exegete passages from all the significant genres of Scripture.
- Create personal statements of doctrine and application.
- Communicate effectively through multiple channels.
- Critique past and current societal movements through the lens of Scripture

### Biblical Studies Program Summary

Major .....	36
BJU Core .....	68
Electives .....	24
Total (minimum) .....	128

### DEGREE COURSES

#### Major: 36 credits

- Bi 480 Biblical Studies Seminar (3)
- NT 430 Romans (3)
- OT 200 The Pentateuch (3)
- Min 101-402 Ministry Outreach (0)
- Min 110 Introduction to Christian Ministry (1)
- Min 350 History of Christianity (3)
- Min 400 Gospel in a Multicultural World (2)
- New Testament Electives (300/400-level) (6)*
- Old Testament Electives (300/400-level) (6)*
- Communication Elective (3)*
- Philosophy Elective (3)*
- Sociology Elective (3)*

#### BJU Core: 68 credits

- Uni 101 First-Year Seminar (1)
- En 102 Composition & Rhetoric (3)
- En 103 Composition & Lit (3)
- English or Writing Elective (3)
- Sc 200 Essential Science (3)
- Math/Computer or Science Elective (3)*
- Hi 101 History of Civ c. 3500 BC to AD 1650 (3)
- Hi 102 History of Civ since 1650 (3)
- SSE 200 Foundations of Economics (3)
- Ph 200 Themes in Western Thought (3)
- Philosophy or Psychology Elective (3)**
- FA 125 Introduction to the Arts (1)
- Fine Arts Appreciation Elective<sup>1</sup> (2)*
  - Ar 225 Appreciation of Art (2)
  - Mu 225 Appreciation of Music (2)
  - ThA 225 Appreciation of Theatre & Film (2)
- Com 101 Fundamentals of Speech (3)
- Com 410 Oral Comm for the Professions (3)**
- Foreign Language Electives (12)*
- Bi 105 Old Testament Messages (1)
- Bi 109 New Testament Messages (1)
- Bi 230 Hermeneutics (3)
- Bi 350 Bible Doctrines (3)
- Bi 360 Bible Doctrines (3)
- Bi 499 Apologetics & Worldview (3)
- Bible Elective (300/400-level) (2)*

#### Electives

24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Min 102	Ministry Outreach (0)
Min 101	Ministry Outreach (0)		Fine Arts Appreciation Elective <sup>1</sup> (2)
Min 110	Introduction to Christian Ministry (1)		Math/Computer or Science Elective (3)
FA 125	Introduction to the Arts (1)		Philosophy or Psychology Elective (3)
Com 101	Fundamentals of Speech (3)		Electives or Minor (1)
	<b>Electives or Minor (3)</b>		<b>Total Credits: 16</b>

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
OT 200	The Pentateuch (3)	Bi 230	Hermeneutics (3)
Ph 200	Themes in Western Thought (3)	Min 202	Ministry Outreach (0)
Min 201	Ministry Outreach (0)		Foreign Language Elective (3)
	English or Writing Elective (3)		Sociology Elective (3)
	Foreign Language Elective (3)		Electives or Minor (4)
	Electives or Minor (1)		<b>Total Credits: 16</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Min 350	History of Christianity (3)	NT 430	Romans (3)
Min 301	Ministry Outreach (0)	Min 302	Ministry Outreach (0)
Com 410	Oral Comm for the Professions (3)		Communication Elective (3)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	OT Elective (300/400-level) (3)		OT Elective (300/400-level) (3)
	Electives or Minor (1)		Electives or Minor (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Bi 480	Biblical Studies Seminar (3)
Min 400	Gospel in a Multicultural World (2)	Min 402	Ministry Outreach (0)
Min 401	Ministry Outreach (0)		Bible Elective (300/400-level) (2)
	NT Elective (300/400-level) (3)		NT Elective (300/400-level) (3)
	Philosophy Elective (3)		Electives or Minor (8)
	Electives or Minor (5)		<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

# DIVISION OF MINISTRIES



**Royce B. Short, PhD**  
Chair

The Division of Ministries of the School of Religion offers majors in Biblical Counseling, Christian Ministries and Cross-Cultural Service, and minors in Biblical Counseling and Cross-Cultural Service. Courses are offered in this department for students who desire training in Christian service studies and practice, and courses are also available as general electives.

Concentrations are offered for all bachelor programs in the Division of Ministries. Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

## PURPOSE

The Division of Ministries exists to equip students with knowledge and skills for effective church ministries, focusing on the development of pastors, missionaries, youth workers and lay ministers. It supports the University's mission by developing skills necessary to teach Christlikeness through the various ministries of the church.

## GOALS

The student will ...

- Create a personal philosophy concerning various aspects of church administration practices.
- Apply a philosophy of evangelism through the local church and missions.
- Develop skills for communicating the Bible to Christians through individual discipleship and through development and delivery of effective sermons.

# Associate of Science, **Christian Ministries**

**Kerry T. McGonigal, DMin**  
*Program Coordinator*

<b>Christian Ministries Program Summary</b>	
Major.....	30
BJU Core .....	27
Electives .....	7
<b>Total (minimum) .....</b>	<b>64</b>

<b>DEGREE COURSES</b>	
<i>Major: 30 credits</i>	
BC 241	Fundamentals of Counseling (3)
CCS 210	Survey of Missions (2)
Min 101–202	Ministry Outreach (0)
Min 110	Intro. to Christian Ministry (1)
Min 205	Evangelism & Discipleship (2)
Min 220	Worship in the Church (2)
Min 203	Foundations of Youth Work (3)
Sm 100	Church Music Administration I (2)
Com 314	Leadership & Communication (3)
ESS 101	Intro. to Sports Management (3)
<i>Bible Electives (200-level) (6)</i>	
<i>Education Elective (3)</i>	
· Ed 100	Introduction to Education (3)
· Ed 250	Foundations in Early Child Care & Education (3)
<i>BJU Core: 27 credits</i>	
Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
English	Composition (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 240	Applied Christian Thought (3)
<i>Electives: 7 credits</i>	

The Associate of Science degree in Christian Ministries provides exposure to a wide array of Christian ministries. Students take coursework in Bible and related ministry areas. This program supports the goals of the School of Religion to apply biblical teaching to ministry roles in the church. Students completing the Associate of Science degree in Christian Ministries may apply to continue toward the Bachelor of Science degree in Christian Ministries.

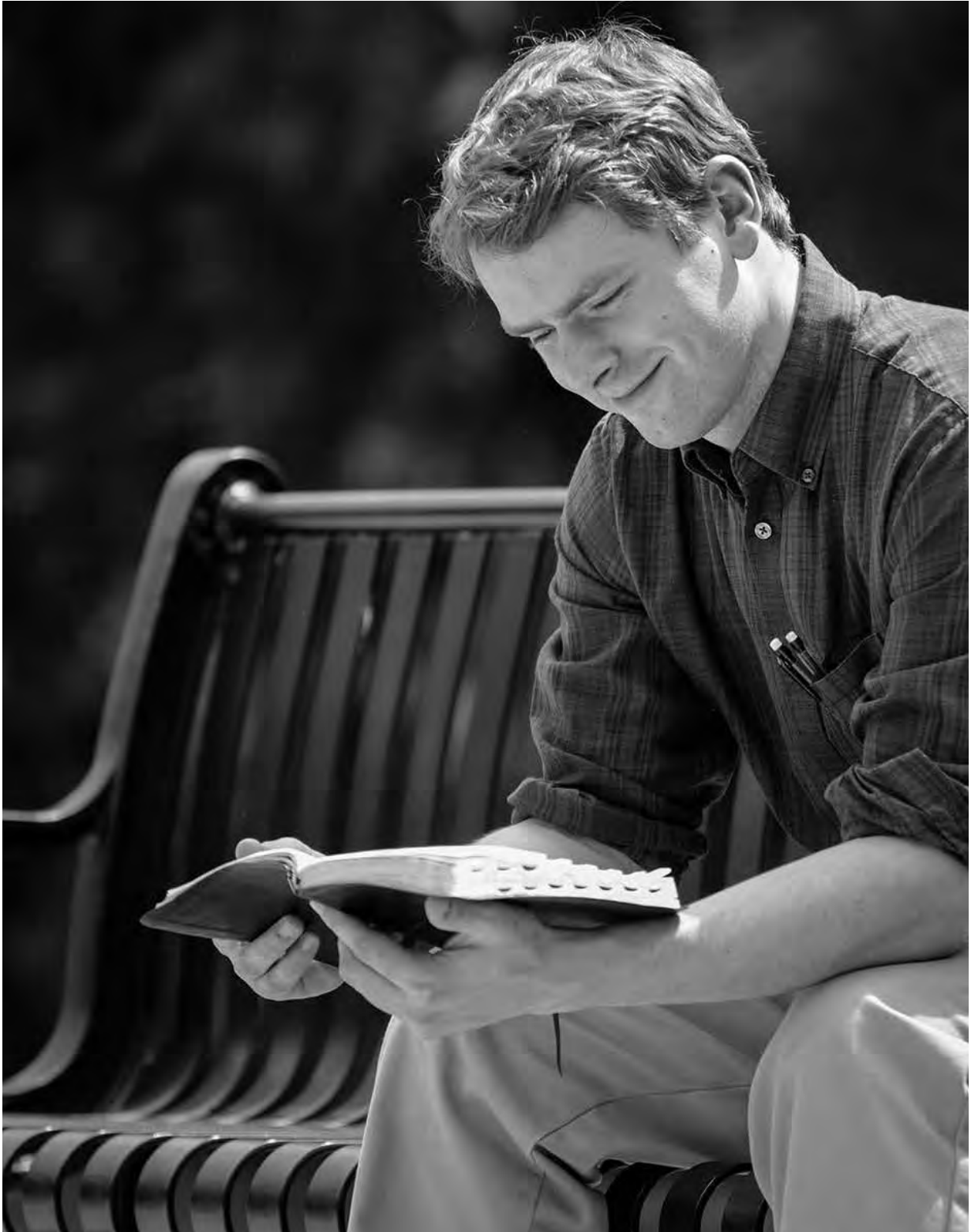
### Program Learning Outcomes

- The student will ...
- Apply the major themes and content of the Bible.
  - Apply skills required in various ministry settings.

## SUGGESTED SCHEDULE

<i>First Year</i>			
Uni 101	First-Year Seminar (1)	En 102	Composition & Rhetoric (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Min 101	Ministry Outreach (0)	Min 102	Ministry Outreach (0)
Min 110	Introduction to Christian Ministry (1)	SM 100	Church Music Administration I (2)
Min 203	Foundations of Youth Work (3)	Com 101	Fundamentals of Speech (3)
Min 205	Evangelism & Discipleship (2)		Fine Arts Appreciation Elective <sup>1</sup> (2)
FA 125	Introduction to the Arts (1)		Mathematics or Science Elective (3)
	Education Elective <sup>2</sup> (3)		Electives (3)
	English Composition (3)		<b>Total Credits: 17</b>
	<b>Total Credits: 15</b>		
<i>Second Year</i>			
Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
BC 241	Fundamentals of Counseling (3)	Bi 240	Applied Christian Thought (3)
CCS 210	Survey of Missions (2)	ESS 101	Introduction to Sports Management (3)
Min 201	Ministry Outreach (0)	Min 202	Ministry Outreach (0)
Min 220	Worship in the Church (2)		Bible Elective (200-level) (2)
Com 314	Leadership & Communication (3)		Bible Elective (200-level) (2)
	Bible Elective (200-level) (2)		Electives (3)
	Electives (1)		<b>Total Credits: 16</b>
	<b>Total Credits: 16</b>		

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film  
<sup>2</sup> Ed 100 Introduction to Education or Ed 250 Foundations in Early Child Care & Education



## COUNSELING MINOR

The Counseling minor provides an introduction to the field of counseling and a critique of this discipline from a biblical perspective. It offers a natural complement to a variety of ministry majors and added preparation for social work.

A minor in Counseling consists of BC 241 Fundamentals of Counseling (3), BC 242 Practice of Counseling (3), nine credits of electives with a BC prefix and three credits with a Ps prefix.

# Bachelor of Arts, **Biblical Counseling**

**Steven F. Cruice Jr., DMin**  
*Program Coordinator*

<b>Biblical Counseling</b>	
Major .....	48–51
BJU Core .....	68
Electives .....	9–12
<b>Total (minimum) .....</b>	<b>128</b>



The Biblical Counseling major prepares students for ministries and careers that require interpersonal and discipleship skills and for graduate degree programs. Students take courses in biblical counseling, Bible, psychology, philosophy, education and communication. The program supports the School of Religion’s purpose to provide high-quality training both in the knowledge, application and proclamation of the Bible and in church ministry. The program requires 48–51 credits in the major including a concentration of 12–15 credits. Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women’s Ministry and Youth Ministry.

### Program Learning Outcomes

The student will ...

- Explain the theological framework of progressive sanctification and sufficiency of Scripture as applied to biblical counseling.
- Explain a biblical methodology that facilitates change and growth in individuals to the glory of God.
- Contrast biblical and community resources to assist the individual in change and growth to the glory of God.
- Articulate basic biblical, ethical and legal responsibilities in the counseling context.
- Describe basic principles of psychology.
- Research topics related to the field of psychology.
- Critique secular counseling theories and methodologies from a biblical counseling perspective.
- Critique Christian integrationist counseling and to defend biblical counseling.

## DEGREE COURSES

### Major: 48–51 credits

Ps 402	Clinical Psychology (3)
Ps 450	Abnormal Psychology (3)
<i>Social or Experimental Psychology<sup>1</sup> (3)</i>	
· Ps 303	Social Psychology (3)
· Ps 304	Experimental Psychology (3)
Bi 430	Foundations for Biblical Lifestyle (2)
Min 101–402	Ministry Outreach (0)
Min 110	Introduction to Christian Ministry (1)
Ph 302	Ethics (3)
BC 241	Fundamentals of Counseling (3)
BC 242	Practice of Counseling (3)
BC 301	Counseling Case Studies (3)
BC 331	Biblical Family Foundations (3)
BC 411	Counseling Practicum Capstone (3)
<i>Counseling Men or Women Elective<sup>3</sup> (3)</i>	
· BC 441	Counseling Men (3)
· BC 461	Counseling Women (3)
<i>Child or Adol Growth &amp; Development<sup>2</sup> (3)</i>	
· Ed 321	Child Growth & Development (3)
· Ed 322	Adolescent Growth & Development (3)
<i>Concentration<sup>5</sup> (12–15)</i>	
·	Apologetics (12)
·	Biblical Languages (12)
·	Church Worship (15)
·	Communication (12)
·	Educational Studies (12)
·	Pastoral Ministry (12)
·	Sports Ministry (12)
·	Women's Ministry (12)
·	Youth Ministry (14)

### BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ps 200	General Psychology (3)
Ph 200	Themes in Western Thought (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>4</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

9–12 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ph 200	Themes in Western Thought (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
BC 241	Fundamentals of Counseling (3)	BC 242	Practice of Counseling (3)
Min 101	Ministry Outreach (0)	Min 102	Ministry Outreach (0)
Min 110	Introduction to Christian Ministry (1)	FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)	<i>Fine Arts Appreciation Elective<sup>4</sup>(2)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

Ps 200	General Psychology (3)	BC 301	Counseling Case Studies (3)
Bi 230	Hermeneutics (3)	Sc 200	Essential Science (3)
BC 331	Biblical Family Foundations (3)	Min 102	Ministry Outreach (0)
Min 201	Ministry Outreach (0)	<i>Bible Elective (200-level) (1)</i>	
<i>English or Writing Elective (3)</i>		<i>Foreign Language Elective (3)</i>	
<i>Foreign Language Elective (3)</i>		<i>Electives or Minor (6)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Third Year

Ps 450	Abnormal Psychology (3)	Ps 402	Clinical Psychology (3)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 410	Oral Communication for the Professions (3)	Ph 302	Ethics (3)
Min 301	Ministry Outreach (0)	Min 302	Ministry Outreach (0)
<i>Child or Adolescent Growth &amp; Development<sup>2</sup> (3)</i>		<i>Bible Elective (300/400-level) (2)</i>	
<i>Foreign Language Elective (3)</i>		<i>Foreign Language Elective (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 17</b>	

### Fourth Year

Bi 430	Foundations for Biblical Lifestyle (2)	SSE 200	Foundations of Economics (3)
Bi 499	Apologetics & Worldview (3)	BC 411	Counseling Practicum Capstone (3)
Min 401	Ministry Outreach (0)	Min 402	Ministry Outreach (0)
<i>Counseling Men or Women Elective<sup>3</sup> (3)</i>		<i>Bible Elective (300/400 level) (2)</i>	
<i>Math/Computer or Science Elective (3)</i>		<i>Social or Experimental Psychology<sup>1</sup> (3)</i>	
<i>Concentration<sup>5</sup> (6)</i>		<i>Concentration<sup>5</sup> (6)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

<sup>1</sup> Ps 303 Social Psychology or Ps 304 Experimental Psychology

<sup>2</sup> Ed 321 Child Growth & Development or Ed 322 Adolescent Growth & Development

<sup>3</sup> BC 441 Counseling Men or BC 461 Counseling Women

<sup>4</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>5</sup> Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

## CROSS-CULTURAL SERVICE MINOR

The Cross-Cultural Service minor provides a general understanding of a biblical philosophy of missions, along with a focus on missionary strategies and cross-cultural adaptation. It is intended to provide foundational preparation for successful ministry to people of other societies. This minor is especially appropriate for those who wish to use the professional skills developed in another major as a vehicle to missionary service.

A minor in Cross-Cultural Service consists of CCS 210 Survey of Missions (2), CCS 402 Strategies for Cross-Cultural Ministry (3), CCS 406 Cross-Cultural Discipleship (2), CCS 408 Current Issues in Missions (2), CCS 410 World Religions (3), Li 301 Descriptive Linguistics (3) and Li 303 Field Methods in Linguistics (3).

## Bachelor of Arts, Cross-Cultural Service

**Mark C. Vowels, MA**  
*Program Coordinator*

<b>Cross-Cultural Service Program Summary</b>	
Major .....	48-51
BJU Core .....	68
Electives .....	9-12
<b>Total (minimum) .....</b>	<b>128</b>



The Cross-Cultural Service major prepares the student to serve in cross-cultural missionary endeavors. The program establishes the doctrinal and experiential principles of effective missionary practice and provides for guided instruction in the practical application of the principles through a required field internship. One-half to three-fourths of the course credits directly develop knowledge and skills necessary for field service. The program supports the School of Religion goal of providing high-quality training in the knowledge of the Word of God, its practical application and its effective proclamation to the world. The program requires 48-51 credits in the major including a concentration of 12-15 credits. Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

### Program Learning Outcomes

The student will ...

- Cultivate meaningful relationships with people of different cultural backgrounds.
- Evaluate methodologies and trends in missions.
- Analyze the role of religion and culture in the formation of worldviews in relation to missionary methodology.



## DEGREE COURSES

Major: 48–51 credits

Li 301 Descriptive Linguistics (3)  
 Li 303 Field Methods in Linguistics (3)  
 SSS 504 Cultural Anthropology (3)  
 NT 220 Acts (3)  
 Min 101-402 Ministry Outreach (0)  
 Min 110 Introduction to Ministry (1)  
 CCS 210 Survey of Missions (2)  
 CCS 399 Missions Internship (2)  
 CCS 402 Strategies for Cross-Cultural Ministry (3)

CCS 408 Current Issues in Missions (2)  
 CCS 410 World Religions (3)  
 CCS 406 Cross-Cultural Discipleship (2)

*Bible Elective (300/400-level) (3)*  
*Concentration<sup>3</sup> (12–15)*

- Apologetics (12)
- Biblical Languages (12)
- Church Worship (15)
- Communication (12)
- Educational Studies (12)
- Pastoral Ministry (12)
- Sports Ministry (12)
- Women's Ministry (12)
- Youth Ministry (14)

*Preaching/Teaching Electives<sup>2</sup> (6)*

- Bi 330 The Biblical Role of Women (3)
- Hm 301 Homiletics I (3)
- Hm 302 Homiletics II (3)
- *Min 330 Women Teaching Women (3)*

BJU Core: 68 credits

Uni 101 First-Year Seminar (1)  
 En 102 Composition & Rhetoric (3)  
 En 103 Composition & Literature (3)

*English or Writing Elective (3)*

Sc 200 Essential Science (3)  
*Math/Computer or Science Elective (3)*

Hi 101 History of Civ c. 3500 BC to AD 1650 (3)

Hi 102 History of Civ since 1650 (3)  
 SSE 200 Foundations of Economics (3)  
 Ph 200 Themes in Western Thought (3)  
 Ph 302 Ethics (3)  
 FA 125 Introduction to the Arts (1)

*Fine Arts Appreciation Elective<sup>1</sup> (2)*

- Ar 225 Appreciation of Art (2)
- Mu 225 Appreciation of Music (2)
- ThA 225 Appreciation of Theatre & Film (2)

Com 101 Fundamentals of Speech (3)

*Foreign Language Electives (12)*

Bi 105 Old Testament Messages (1)  
 Bi 109 New Testament Messages (1)  
 Bi 499 Apologetics & Worldview (3)  
 Bi 230 Hermeneutics (3)  
 Bi 350 Bible Doctrines (3)  
 Bi 360 Bible Doctrines (3)  
 Bi 499 Apologetics & Worldview (3)  
*Bible Elective (300/400-level) (2)*

Electives:

9–12 credits and/or select a minor

## SUGGESTED SCHEDULE

First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Ph 200	Themes in Western Thought (3)
Min 101	Ministry Outreach (0)	Min 102	Ministry Outreach (0)
Min 110	Introduction to Christian Ministry (1)		Communication Elective (3)
FA 125	Introduction to the Arts (1)		Fine Arts Appreciation Elective <sup>1</sup> (2)
Com 101	Fundamentals of Speech (3)		<b>Total Credits: 15</b>
	Math/Computer or Science Elective (3)		
	<b>Total Credits: 16</b>		

Second Year

Bi 230	Hermeneutics (3)	Sc 200	Essential Science (3)
NT 220	Acts (3)	SSE 200	Foundations of Economics (3)
CCS 210	Survey of Missions (2)	Min 202	Ministry Outreach (0)
Min 201	Ministry Outreach (0)		English or Writing Elective (3)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Electives or Minor (4)		Electives or Minor (4)
	<b>Total Credits: 15</b>		<b>Total Credits: 16</b>

Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 302	Ethics (3)	CCS 410	World Religions (3)
CCS 406	Cross-Cultural Discipleship (2)	Min 302	Ministry Outreach (0)
Min 301	Ministry Outreach (0)		Bible Elective (300/400-level) (3)
	Foreign Language Elective (3)		Foreign Language Elective (3)
	Preaching/Teaching Elective <sup>2</sup> (3)		Preaching/Teaching Elective <sup>2</sup> (3)
	Electives or Minor (2)		Electives or Minor (2)
	<b>Total Credits: 16</b>		<b>Total Credits: 17</b>

Summer

CCS 399 Missions Internship (2)

Fourth Year

Li 301	Descriptive Linguistics (3)	Li 303	Field Methods in Linguistics (3)
CCS 408	Current Issues in Missions (2)	SSS 504	Cultural Anthropology (3)
Min 401	Ministry Outreach (0)	Bi 499	Apologetics & Worldview (3)
	Bible Elective (300/400-level) (2)	CCS 402	Strategies for Cross-Cultural Ministry (3)
	Concentration <sup>3</sup> (8)	Min 402	Ministry Outreach (0)
	<b>Total Credits: 15</b>		Concentration <sup>3</sup> (4)
			<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> Bi 330 The Biblical Role of Women, Hm 301 Homiletics I, Hm 302 Homiletics II or *Min 330 Women Teaching Women*

<sup>3</sup> Concentrations include: Apologetics, Biblical Languages, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry, Youth Ministry



## Bachelor of Science, **Christian Ministries**

**Royce B. Short, PhD**  
*Program Coordinator*

The Christian Ministries major provides preparation for active service in a wide array of Christian ministries and for a number of career opportunities. The major coursework focuses on Bible, church ministries and liberal arts courses, and provides a number of elective credits. The Christian Ministries major supports the goals of the School of Religion. The program requires 48–51 credits in the major with a concentration of 12–15 credits. Concentrations include: Apologetics, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

### Program Learning Outcomes

The student will ...

- Communicate and apply the major themes and content of the Bible.
- Prepare a teaching/preaching outline.
- Develop skills to disciple or evangelize others.

## Christian Ministries Program Summary

Major .....	48-51
BJU Core .....	56
Electives .....	21-24
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

### Major: 48-51 credits

BC 241	Fundamentals of Counseling (3)
Min 101-402	Ministry Outreach (0)
Min 110	Intro to Christian Ministry (1)
Min 350	History of Christianity (3)
Min 400	Gospel in a Multicultural World (2)
Min 480	Christian Ministries Seminar (2)
Com 314	Leadership & Communication (3)
<i>Church/Outreach Electives<sup>2</sup> (4)</i>	
· CCS 210 Survey of Missions (2)	
· Min 205 Evangelism & Discipleship (2)	
· Min 220 Worship in the Church (2)	
· Min 325 Children's Ministry (2)	
· Min 420 Current Church Issues (3)	
<i>Concentration<sup>4</sup> (12-15)</i>	
· Apologetics (12)	
· Church Worship (15)	
· Communication (12)	
· Educational Studies (12)	
· Pastoral Ministry (12)	
· Sports Ministry (12)	
· Women's Ministry (12)	
· Youth Ministry (14)	
<i>New Testament Electives (300/400-level) (6)</i>	
<i>Old Testament Electives (300/400-level) (6)</i>	
<i>Preaching/Teaching Electives<sup>3</sup> (6)</i>	
· Bi 330 The Biblical Role of Women (3)	
· Hm 301 Homiletics I (3)	
· Hm 302 Homiletics II (3)	
· Min 330 Women Teaching Women (3)	

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<b>Ph 302</b>	<b>Ethics (3)</b>
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
<i>Communication Elective (3)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives

21-24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
Min 101	Ministry Outreach (0)	Min 102	Ministry Outreach (0)
Min 110	Introduction to Christian Ministry (1)	Fine Arts Appreciation Elective <sup>1</sup> (2)	
FA 125	Introduction to the Arts (1)	Math/Computer or Science Elective (3)	
Electives or Minor (8)		Electives or Minor (4)	
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

BC 241	Fundamentals of Counseling (3)	SSE 200	Foundations of Economics (3)
Min 201	Ministry Outreach (0)	Bi 230	Hermeneutics (3)
Com 314	Leadership & Communication (3)	Min 202	Ministry Outreach (0)
Church/Outreach Elective <sup>2</sup> (2)		Church/Outreach Elective <sup>2</sup> (2)	
Electives or Minor (8)		<i>Concentration<sup>4</sup> (4)</i>	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Third Year

Hi 101	History of Civ c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
Bi 350	Bible Doctrines (3)	Hi 102	History of Civ since 1650 (3)
Ph 200	Themes in Western Thought (3)	Bi 360	Bible Doctrines (3)
Min 301	Ministry Outreach (0)	Min 302	Ministry Outreach (0)
Preaching/Teaching Elective <sup>3</sup> (3)		English or Writing Elective (3)	
<i>Concentration<sup>4</sup> (4)</i>		Preaching/Teaching Elective <sup>3</sup> (3)	
<b>Total Credits: 16</b>		<i>Concentration<sup>4</sup> (1)</i>	
		<b>Total Credits: 16</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Min 480	Christian Ministries Seminar (2)
Ph 302	Ethics (3)	Min 402	Ministry Outreach (0)
Min 401	Ministry Outreach (0)	Bible Elective (300/400-level) (2)	
Min 400	Gospel in a Multicultural World (2)	Communication Elective (3)	
Min 350	History of Christianity (3)	NT Elective (300/400-level) (3)	
NT Elective (300/400-level) (3)		OT Elective (300/400-level) (3)	
OT Elective (300/400-level) (3)		<i>Concentration<sup>4</sup> (3)</i>	
<b>Total Credits: 17</b>		<b>Total Credits: 16</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> CCS 210 Survey of Missions, Min 205 Evangelism & Discipleship, Min 220 Worship in the Church, Min 325 Children's Ministry or Min 420 Current Church Issues

<sup>3</sup> Bi 330 The Biblical Role of Women, Hm 301 Homiletics I, Hm 302 Homiletics II or Min 330 Women Teaching Women

<sup>4</sup> Concentrations include: Apologetics, Church Worship, Communication, Educational Studies, Pastoral Ministry, Sports Ministry, Women's Ministry and Youth Ministry.

# COURSES

## DIVISION OF BIBLE

### BIBLE

#### **Bi 105** Old Testament Messages

A study of the unfolding theme of the Bible as it is revealed through the messages of the Pentateuch and the history, poetry and prophecy books of the Old Testament. Emphases include creation, the relationship of the legal material to Christians and the practical application of the messages of these 39 books to the Christian life.

*Both semesters, Distance Learning, one credit.*

#### **Bi 109** New Testament Messages

The unfolding theme of the Bible as it is revealed through the messages of the New Testament books, with continued emphasis on the practical application of the central themes of the inspired writers to the Christian life.

*Both semesters, Distance Learning, one credit.*

#### **Bi 210** Bible Geography

Study of selected biblical passages in light of the historical geography and background of the biblical lands.

*First semester, two credits.*

#### **Bi 230** Hermeneutics

A study of the principles of Bible interpretation, including the history of interpretation; historical, grammatical, literary, theological interpretation; issues related to the various kinds of biblical material (narrative, wisdom, prophetic, didactic); figures of speech, types, etc.; Covenant Theology and Dispensational Theology. *Resident schedule includes corequisite lecture class. Both semesters, Distance Learning, three credits. Prerequisite: Bi 105 and Bi 109.*

#### **Bi 240** Applied Christian Thought

A survey of biblical doctrine applied to current apologetic and worldview issues. *Both semesters, three credits.*

*Prerequisite: Bi 105 and Bi 109.*

#### **Bi 325** Modern Cults

An examination, in the light of the Word of God, of the doctrines and practices of modern cults. *Both semesters, three credits.*

#### **Bi 330** The Biblical Role of Women

A study of the biblical passages that reveal God's role for women in the home, the church and society in general, along with explanation of how evangelical feminists either disregard or misinterpret these passages in order to support their feminist agenda. *Both semesters, three credits.*

**Bi 335** Women in the Bible

A study of various female Bible characters, examining their relationships with God and others, character qualities, ministries, and successes and failures in living out God's prescribed role for them as women. *Both semesters, three credits.*

**Bi 350** Bible Doctrines

Study of the biblical teaching concerning Scripture, God, Jesus Christ, the Holy Spirit and angels (including Satan). Emphasis throughout is on the practical application of the teachings of the Bible to the Christian life. *Both semesters, Distance Learning, three credits. Prerequisite: Bi 230.*

**Bi 360** Bible Doctrines

Study of the biblical teaching concerning man, sin, salvation, the church and eschatology. Emphasis throughout is on the practical application of the teachings of the Bible to the Christian life. Particular attention is given to timely doctrinal questions. *Both semesters, Distance Learning, three credits. Prerequisite: Bi 230.*

**Bi 415** Incarnation & the Humanities

A study of the incarnational narrative at the center of historic Christian orthodoxy together with an analysis of how the incarnation shapes a Christian philosophy of aesthetics and the humanities. Special attention is given to the art narratives of theatre, photography and film. *Three credits. Identical to ThA 415.*

**Bi 430** Foundations for Biblical Lifestyle

This class discusses issues of godly Christian living to prepare senior students to assume their adult responsibilities in the Christian home, the church and the community. *First semester, two credits.*

**Bi 480** Biblical Studies Seminar

A senior capstone course required for all students majoring in Biblical Studies. The course will explore the connection between biblical truths and select current issues. Students will complete a research project culminating in a formal paper and presentation about a specific topic in biblical studies. *Second semester, three credits*

**Bi 495** Near East Studies

Study tour of Bible lands. Lectures, reading and papers accompanied by visits to the scenes of the main events of the Old and New Testaments. The student may specialize in Asia Minor or Palestine. *Summer only, three credits.*

**Bi 499** Apologetics & Worldview

An analysis and defense of the Christian worldview, together with an analysis and refutation of secular and religious alternative worldviews. The course will equip students to defend the core biblical doctrines and refute spurious philosophical, historical, archeological and scientific claims against the Bible. The course presents a brief history of the apologetics discipline and important Christian thinkers. The course addresses significant historical and contemporary thinkers and their objections to biblical Christianity. *Both semesters, Distance Learning, three credits. Prerequisite: Bi 350 or Bi 360.*

## GREEK, NEW TESTAMENT

### **BG 101** Elementary Greek I

Introduction to the phonology, vocabulary, grammar and syntax of biblical Greek. *Both semesters, three credits.*

### **BG 102** Elementary Greek II

Reinforcement and development in the basic principles of Greek grammar and syntax. *Both semesters, three credits.*  
*Prerequisite: BG 101.*

### **BG 201** Intermediate Greek I

Development of working knowledge of the vocabulary, grammar and syntax of the Greek New Testament. Includes translation of selected passages. *Both semesters, three credits.*  
*Prerequisite: BG 102.*

### **BG 202** Intermediate Greek II

Reinforcement and continued development of a working knowledge of the vocabulary, grammar and syntax of the Greek New Testament. Includes translation of selected passages. *Both semesters, three credits.* *Prerequisite: BG 201.*

### **BG 300** 1 Corinthians in Greek

Translation and exegesis of 1 Corinthians, with studies in syntax and review of accidence and vocabulary. *First semester, three credits.* *Prerequisite: BG 202.*

### **BG 303** Galatians & the Pastoral Epistles in Greek

Exegesis of Galatians, 1 and 2 Timothy, and Titus, with study of forms, syntax and vocabulary. *Second semester, three credits.* *Prerequisite: BG 202.*

### **BG 400** Septuagint in the Greek New Testament

Readings in various passages of the Greek New Testament that quote or allude to Old Testament LXX passages with comparative study of forms, syntax and vocabulary. *Second semester, three credits.* *Prerequisite: BG 202.*

### **BG 408** Matthew in Greek

Translation and exegesis of the first Gospel, with studies in syntax and vocabulary. *First semester, three credits.*  
*Prerequisite: BG 202.*

## NEW TESTAMENT

### **NT 220** Acts

A study of the expansion of Christianity through the powerful Gospel of Jesus Christ. This course highlights the evangelism, discipleship, and church-planting efforts of the apostles and other faithful believers. *First semester, three credits.*

### **NT 230** Ephesians

A study of Paul's letter to the believers at Ephesus. The remarkable plan of God the Father is expressed in this letter, as the Son and the Spirit participate with Him in man's salvation and incorporation into one Body, the Church. This course explores the rich theologies of salvation and the church as well as their practical application. *First semester, two credits.*

### **NT 310** Gospel of John

A study of John's account of the life and ministry of Jesus Christ. This class addresses the unique features of this Gospel as compared with the Synoptic Gospels. Special attention is given to John's explicit statements about the deity of Christ, the signs he chooses to demonstrate that deity, John's focus on genuine faith, and Jesus' preparation of his disciples for world evangelism. *First semester, three credits.*

### **NT 320** Hebrews

An exposition and theological treatment of the epistle to the Hebrews. Although students may not settle the authorship question of Hebrews by taking this course, they will interact with the intensely Christological content of this writing, noting the strong encouragement and somber warnings recorded there. Special emphasis on the genre of Hebrews, its use of the Old Testament, and its teaching on the New Covenant. *First semester, two credits.*

### **NT 410** The Gospels

A study of Matthew through John to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation, and in utilizing literary and theological analysis, with the goal of effective preaching and teaching. *Second semester, three credits.* *Prerequisite: Bi 109.*

### **NT 420** Gospel of Matthew

A study of the Gospel of the Matthew that explores its theme and its significance to Jews and to the church. This course explores Matthew's literary structure along with its portrayal of Jesus Christ. Special attention is given to Matthew's "kingdom" emphasis, the Sermon on the Mount, and the Olivet Discourse. *First semester, three credits.*

### **NT 430** Romans

An exposition of the most theological book of the Bible, Romans. This course explores Paul's theology, use of the Old Testament, and literary structure in his epistle to the Romans. *Both semesters, three credits.*

**NT 440** 1 Corinthians

An exposition of Paul's letter to the church in Corinth, a ministry experiencing serious problems. This course asks how churches should deal with disunity, lawsuits among believers, sexual deviancy, divorce, gender roles, the believer's conscience over "doubtful things," the Lord's Table, and other matters. *A capstone course for only Bible majors. Second semester, three credits.*

**NT 480** The General Epistles

A study of the non-Pauline epistles to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation, and in utilizing literary and theological analysis with the goal of effective preaching and teaching. *Second semester, two credits.*

**OLD TESTAMENT****OT 200** The Pentateuch

A study of Genesis–Deuteronomy to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation, and in utilizing literary and theological analysis, with the goal of effective preaching and teaching. *Both semesters, three credits.*

**OT 210** Proverbs

A topical and literary study on the Old Testament book that explains the characteristics of true wisdom. This course addresses the interpretive challenges of understanding proverbial sayings along with guidelines for teaching and preaching its many themes. *First semester, two credits.*

**OT 320** The Historical Books

A study of Joshua–Esther to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation, and in utilizing literary and theological analysis, with the goal of effective preaching and teaching. *First semesters, three credits. Prerequisite: Bi 105.*

**OT 330** Genesis

A study of the first book of the Old Testament canon. This writing of Moses establishes the foundation of nearly every major doctrine in the Bible: God, man, sin, Messiah, redemption, judgment, blessing, and Israel. Students in this course will learn how to interpret Old Testament narrative and how to ascertain principles for 21st-century life. *First semester, three credits.*

**OT 340** Psalms

A study of the "songbook" of both Israel and the Church. This course examines the various literary forms of the psalms, the biblical theology that is developed in the collection, as well as the interpretive challenges that one faces in understanding particular literary forms, such as imprecatory psalms. *Second semester, three credits*

**OT 410** The Poetic Books

A study of Job–Song of Solomon to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation, and in utilizing literary and theological analysis, with the goal of effective preaching and teaching. *Second semesters, two credits. Prerequisite: Bi 105.*

**OT 420** The Prophets

A study of Isaiah–Malachi to prepare the expositor for effective ministry. The student will demonstrate proficiency in mastering chapter content, in handling problems of interpretation, and in utilizing literary and theological analysis, with the goal of effective preaching and teaching. *First semester, three credits. Prerequisite: Bi 105.*

**OT 430** Isaiah

An exposition of the greatest of Israel's writing prophets. This course explores the richness of God's promises in contrast to Israel's failure at every stage of her history. Special attention given to the authorship of Isaiah, Messianic texts, the Servant Songs, teaching on the millennium, and how the New Testament authors used Isaiah in their writings. *Second semester, two credits*

**PHILOSOPHY****Ph 200** Themes in Western Thought

Selected philosophical ideas of continuing importance in Western thought from Socrates onward. *Both semesters, Distance Learning, three credits.*

**Ph 301** Logic

Deduction and induction, the nature of reasoning, conditions of proof, introduction to the laws of thought and the processes of scientific method. *Three credits.*

**Ph 302** Ethics

The meaning and purpose of ethics, with emphasis on Christian principles of action. Historical and practical approach to the problem of right conduct. *Second semester, three credits.*

**Ph 305** Aesthetics

Concepts of beauty and art and artistic criteria from Plato onward with attention to present issues of artistic validity including the relation of morality and art. *Second semester, three credits.*

**Ph 309** Philosophy of Religion

Major issues in religion as interpreted through major religious worldviews. *First semester, even-numbered calendar years, three credits.*

**Ph 400** Ancient & Medieval Philosophy

Major figures and movements in classical and medieval philosophy. *First semester, even-numbered calendar years, three credits.*

**Ph 401** Modern Philosophy

Enlightenment and Counter-Enlightenment thought. *Second semester, even-numbered calendar years, three credits.*

## DIVISION OF MINISTRIES

### BIBLICAL COUNSELING

**BC 241** Fundamentals of Counseling

Provides the foundation for a biblical counseling ministry, including an accurate view of man, the doctrines of biblical sufficiency and progressive sanctification, the role of the counselor and ethics. Practical help is provided in gathering information, determining the problem, working on change and the use of homework. *Both semesters, three credits.*

**BC 242** Practice of Counseling

Seeks to practically apply biblical counseling fundamentals to the typical counseling problems that people face. Employing the extensive use of case studies, attention will be given to serving in a biblical counseling ministry. *Second semester, three credits. Prerequisite: BC 241.*

**BC 301** Counseling Case Studies

The course seeks to practically apply biblical counseling fundamentals to the typical counseling problems that people face. Employing the extensive use of case studies, attention will be given to counseling those with challenges not addressed in Fundamentals (BC 241) or Practice (BC 242) of Counseling. *Second semester, three credits. Prerequisite: BC 241.*

**BC 331** Biblical Family Foundations

Biblical foundation for establishing a Christian family, including a biblical view of marriage, the roles of husbands and wives, raising children, family worship and the church-family relationship. Emphasis is on both having a Christian family and helping others to do the same. *Both semesters, three credits. Prerequisite: BC 241.*

**BC 411** Counseling Practicum Capstone

Students will engage in a biblical counseling ministry to others, as well as further advance in the knowledge and skills necessary for a biblical counselor. *Both semesters, three credits. Prerequisite: BC 241.*

**BC 441** Counseling Men

Addressing the common problems that men face, provides a biblical strategy for advancing in progressive sanctification. Focus is on being a godly man, and encouraging other men in the same pursuit. *First semester, three credits. Prerequisite: BC 241.*

**BC 461** Counseling Women

Practical instruction to prepare women to apply biblical principles to the problems women face, first in their own lives and then in the lives of other women whom they will counsel. *Both semesters, three credits. Prerequisite: BC 241.*

### CROSS-CULTURAL SERVICE

**CCS 210** Survey of Missions

A general survey of various contemporary mission fields and mission agencies, with emphasis on recent developments, to encourage students to further study in areas of special interest. *First semester, two credits.*

**CCS 370** Cross-Cultural Evangelism Practicum

The student will explore the theory and experience the reality of a cross-cultural evangelism event. Homework will include readings, actual participation and papers/reports of activities. *One credit.*

**CCS 371** Pre-field Mission Team Preparation

For students of all majors to gain practical pre-field mission preparation. Instruction, assignments, and typical pre-field activities will be arranged to prepare students for a successful on-field short-term missions experience. *Required of students accepted for a BJU missions team. Second semester, one credit.*

**CCS 372** On-Field Mission Team Experience

For students of all majors to gain practical on-field mission experience in various ministry contexts. Instruction,



assignments and typical 10 days to 3-weeks on-field experiences will be arranged to give the student an overall view of life and work on the mission field. *Summer, two credits.*

**CCS 373** On-Field Mission Team Experience  
For students of all majors to gain practical on-field mission experience in various ministry contexts. Instruction, assignments and typical four or more weeks on-field experiences will be arranged to give the student an overall view of life and work on the mission field. *Summer, three credits*

**CCS 399** Missions Internship  
On-location instruction under the leadership of experienced missionaries. Includes cultural and religious orientation assignments and guided experience in the evangelization, discipleship and counseling of nationals. *Required of all Cross-Cultural Service majors. Summer only, two credits.*

**CCS 402** Strategies for Cross-Cultural Ministry  
Field strategies for church planting and leadership development from biblical, historical and practical perspectives; indigenization and contextualization; survey of developments in practice and philosophy of missions. *First semester, three credits.*

**CCS 406** Cross-Cultural Discipleship  
Study of the most effective means of communicating the teachings of the Bible in another culture. Includes discussion of problems in translation and of the challenge of adjustment to the worldview of a foreign culture. *First semester, two credits.*

**CCS 408** Current Issues in Missions  
Selected topics dealing with significant issues and practical problems relating to missions. *Second semester, odd-numbered calendar years, two credits.*

**CCS 410** World Religions  
Examination of the doctrines and cultural features of major religions in light of the Word of God. Discussion of the best means by which adherents to these doctrinal systems may be won to the Lord. *Second semester, three credits.*  
*Prerequisite: Bi 350.*

## HOMILETICS

**Hm 301** Homiletics I  
Construction, delivery and evaluation of expository sermons from various genres of Scripture. *First semester, three credits.*

**Hm 302** Homiletics II  
Construction, delivery and evaluation of expository sermons from various genres of Scripture. Includes instruction and practice in the preaching of inductive, evangelistic and topical sermons. *Second semester, three credits. Prerequisite: Hm 301.*

**Hm 303** Advanced Expository Preaching  
Construction, delivery and evaluation of expository sermons of various kinds. Includes exposure to and interaction with the history and literature of homiletics. Special focus on developing a biblical philosophy of application in preaching. *Second semester, three credits. Prerequisite: Hm 301.*

## MINISTRIES

**Min 100** Ministry Chapel  
An inspirational, equipping, and engaging weekly meeting held during the chapel period designed for those interested in ministry. Required of all School of Religion majors every semester that they are enrolled. Open also to students interested in vocational ministry, whether full or part time. *Both semesters, zero credit*

**Min 101-404** Ministry Outreach  
A practicum for ministry. Students will serve in various ministries of evangelism, discipleship, teaching, preaching, and serving in local churches and various ministry opportunities in Greenville and surrounding areas. School of Religion mentors guide each student whom they advise to appropriate ministries to develop ministry skills necessary to succeed in the 21st century. Course requirements increase as the student progresses from the freshman to the senior year. Required of all School of Religion majors every semester that they are enrolled. *Open also to students interested in vocational ministry, whether full or part time. Both semesters, zero credit.*

**Min 110** Introduction to Christian Ministry  
An overview to expose the student to the gamut of ministry preparedness; types of ministry, components and needed resources. *First semester, one credit.*

**Min 203** Foundations of Youth Work  
Promotion and direction of youth work: young people's societies in the local church, evangelistic youth rallies and summer camps. *Both semesters, three credits.*

**Min 205** Evangelism & Discipleship

Principles, guidelines and methods to evangelize the lost and to disciple new converts. *Two credits.*

**Min 210** Audio Visual Technology in the Local Church  
A hands-on course that focuses on audio and visual tools for use in ministry. The course includes the philosophical and theological basis for using technology in church applications, but also includes practical applications of instructional and inspirational design. At the culmination of the course students create a church service that utilizes technology. *One credit.*

**Min 220** Worship in the Church

An introduction to the theology and practice of church worship. This course examines the teaching of both Testaments on worship, establishing a cogent theology of worship along with implications regarding its practice. *Two credits.*

**Min 310** Biblical Church Ministry

An introduction to the components of a biblical church ministry from the perspective of participating laymen. It examines the biblical definition, Master, mission, purposes, responsibilities, ministers and mindset of the church. Students will develop an understanding of how to serve effectively in a local church. *Two credits.*

**Min 320** Planning and Leading Corporate Worship  
A study of strategies for planning and leading church services. Attention to the development of themes, using scripture reading, music, preaching, and other aspects of the service to accomplish the thematic goals for that service. *Two credits.*

**Min 325** Children's Ministry

Methods, materials and procedures used in the evangelism and Christian growth of children. *Both semesters, two credits.*

**Min 330** Women Teaching Women

A course that aims at helping women become effective teachers of God's Word to other women. This class focuses on biblical mandates and principles of discipleship, communication skills, and the organization, development, and presentation of Bible studies and lessons. *Three credits.*

**Min 350** History of Christianity

Overviews the history of the Christian faith since the New Testament era. Notes the formative influence of the early church councils and places special emphasis on the nature and contributions of the Reformation. Discusses modern Christian history with application to contemporary theological issues. *Both semesters, three credits.*

**Min 360** Communication and Social Media

A treatment of the use of traditional and non-traditional mediums of communication in the church. This course seeks to equip pastors and laymen with comprehensive and

persuasive communication tools to spread the Gospel and equip the saints in 21st century life. Special focus on effective use of social media, website design, and blogging. *Three credits.*

**Min 393** Youth Ministry Internship

Practical application of youth ministry principles and methods under the guidance of a youth pastor. Students in this internship will engage in all major aspects of ministry to youth in the church. *Both semesters and summer, two credits.*

**Min 395** Camp Internship

Practical instruction in all phases of a Bible camp ministry, including philosophy, development and maintenance, governmental issues, staff, programming, administration, finances and food services. Hands-on experience for the total operation of a camp program. *Summer only, two credits.*

**Min 397** Evangelism Internship

Practical experience and instruction in all phases of a traveling evangelist's ministry, including scheduling meetings, correspondence, family issues, finances and children's work. Student travels with the evangelist and completes projects and readings. *Summer only, two credits.*

**Min 399** Pastoral Internship

Practical experience and instruction in all phases of the local church ministry under the leadership of an experienced pastor. *Both semesters and summer, two credits.*

**Min 400** Gospel in a Multicultural World

A course that addresses issues related to ministry in the postmodern world. Globalization has produced multicultural societies today, especially in cities. This course addresses issues of Bible illiteracy, postmodern assumptions, relativism, contextualization, and other matters related to sharing the Gospel in the 21st century. *First semester, two credits.*

**Min 410** Methods of Church Planting

Training prospective church planters and entry-level pastors in effective methodology for planting and/or revitalizing a church by identifying a biblical definition for church, assembling a team, selecting a locale, assessing the context, and acquiring the basic business skills necessary to build a healthy and vibrant church. *Second semester, two credits.*

**Min 420** Current Church Issues

This course examines both internal and external issues that affect corporate worship. Topics include music, worship, art, drama, media and technology. *First semester, three credits.*

**Min 430** Christian Masterworks

A study and biblical analysis of works that have made significant contributions to Christian thought. *Both semesters, three credits.*

**Min 440** History of Revival & Evangelism

The place of revival and evangelism in Scripture and in the Christian heritage. A study of existing conditions prior to past revivals and awakenings, along with the characteristics, course, characters and consequences of each of these special movements of God's Spirit. Includes an investigation of false revivals and revivalists, along with biblical warnings. Discussions also point to the best available literature.

*Second semester, odd-numbered calendar years, two credits.*

**Min 471** Pastoral Theology

The study revolves around the man, ministry, message, motives and methods of a biblical minister, with special attention to key Bible passages that define his role as a shepherd/pastor. Projects and readings focus on practical application to real situations. *Second semester, three credits.*

**Min 480** Christian Ministries Seminar

The capstone course for Christian Ministry majors. This seminar course challenges senior Christian Ministry students to focus on particular areas of ministry through research papers and class presentations. *Two credits.*

# FACULTY



## DEAN

***Samuel Edgar Horn***  
(1994–1996, 2015)

BA, Bob Jones University  
MA, Bob Jones University  
PhD, Bob Jones University  
DMin, The Master's Seminary



## ASSOCIATE DEAN

***Royce Brian Short*** (1999)

BA, Bob Jones University  
MA, Bob Jones University  
PhD, Bob Jones University

## DIVISION OF BIBLE

### DIVISION CHAIR

***Daniel Perry Olinger*** (2000)

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University

***Patricia Zeller Berg*** (1973)

BA, Bob Jones University; MS, Bob Jones University

***Brenton Hunter Cook*** (2006)

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University; Additional graduate work,  
Southern Evangelical Seminary

***Neal Dean Cushman*** (2015)

BA, Bob Jones University; MA, Bob Jones University  
PhD, Baptist Bible College & Seminary

***Ronald Arthur Horton*** (1960)

BA, Bob Jones University; MA, University of California at  
Los Angeles; PhD, University of North Carolina at Chapel  
Hill; Additional graduate work, University of Oxford

***Timothy Alan Hughes*** (Adjunct)

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University

***Russell Edmund Miller Jr.*** (2001)

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University; Additional graduate work,  
Southern Evangelical Seminary

***Eric David Newton (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University

***Kevin Paul Oberlin (2007)***

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University; Additional graduate work,  
Grace College and Theological Seminary; Geneva  
Reformed Seminary; Trinity International University and  
Jerusalem University College

***Samuel Saldivar (2005)***

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University

***Gregory John Stiekes (2016)***

BA, Bob Jones University; MA, Bob Jones University  
MDiv, Central Baptist Theological Seminary  
ThM, Erskine College and Seminary  
PhD, Southeastern Baptist Theological Seminary

***Jeremy Lee West (Adjunct)***

BMus, Bob Jones University; MA, Bob Jones University;  
PhD, Bob Jones University

***Gregory Joseph Mazak (1986)***

BS, Ohio State University; MEd, Clemson University  
MDiv, Bob Jones University; PhD, Bob Jones University

***Kerry Todd McGonigal (2003)***

BS, Bob Jones University; MDiv, Bob Jones University  
DMin, Bob Jones University

***Jason Duane Ormiston (2007)***

BA, Northland International University  
MABS, Central Baptist Theological Seminary  
MDiv, Central Baptist Theological Seminary  
DMin, Westminster Theological Seminary

***Mark Craig Vowels (2014)***

BA, Bob Jones University; MA, Bob Jones University  
Additional graduate work, Grace College and Theological  
Seminary; Trinity International University and  
Columbia International University

## DIVISION OF MINISTRIES

**DIVISION CHAIR*****Royce Brian Short (1999)***

BA, Bob Jones University  
MA, Bob Jones University  
PhD, Bob Jones University

***Nathan Gerrit Crockett (2008)***

BA, Bob Jones University; MA, Bob Jones University  
PhD, Bob Jones University

***Steven Francis Cruice Sr. (2006)***

BS, Pennsylvania State University-Main Campus  
MDiv, Calvary Baptist Theological Seminary  
DMin, Calvary Baptist Theological Seminary  
Additional graduate work, Calvary Baptist Bible College

***Cynthia Slack Garland (1998)***

BA, Bob Jones University; MS, Bob Jones University

***Pearson Lee Johnson III (Adjunct)***

BS, Bob Jones University; MDiv, Bob Jones University  
ThM, Detroit Baptist Theological Seminary  
DMin, The Southern Baptist Theological Seminary



SCHOOL OF  
FINE ARTS &  
COMMUNICATION



# PROGRAMS

The School of Fine Arts and Communication exists to provide a scripturally based, quality education to students interested in Christian ministries and professions related to the arts and communication; to provide a broad range of cultural experiences for the University in line with the charter, mission, core values and institutional goals of the institution, and to provide support for arts-related outreach ministries of the University.

## GOALS

The student will ...

- Refine skills and aesthetic sensibilities through scripturally based, quality training in art and design.
- Refine skills and aesthetic sensibilities through scripturally based, quality training in music.
- Refine skills and aesthetic sensibilities through scripturally based, quality training in communication.

## DIVISIONS & DEPARTMENTS

The School of Fine Arts and Communication is organized into three divisions:

- Division of Art and Design  
*Department of Art*  
*Department of Design*
- Division of Music  
*Department of Music History and Literature*  
*Department of Music Theory and Technology*  
*Department of Church Music*  
*Department of Vocal Studies*  
*Department of Keyboard Studies*  
*Department of Instrumental Studies*
- Division of Communication  
*Department of Communication Studies*  
*Department of Journalism & Mass Communication*  
*Department of Communication Disorders*  
*Department of Cinema*  
*Department of Theatre Arts*





**Darren P. Lawson, PhD**  
Dean

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Bachelor of Arts* degree with majors in Communication, Journalism and Mass Communication, and Theatre Arts

The *Bachelor of Fine Arts* degree with majors in Graphic Design, Interior Architecture and Design and Studio Art

The *Bachelor of Music* degree with majors in Church Music, Keyboard Performance, Orchestral Instrument Performance, Piano Pedagogy and Voice Performance

The *Bachelor of Science* degree with majors in Fashion Design, Cinema Production and Communication Disorders

### *Graduate Degrees*

The *Master of Arts* degree with majors in Communication Studies and Theatre Arts

The *Master of Music* degree with majors in Church Music, Performance and Piano Pedagogy

The *Master of Music Education* degree

*Please refer to the current Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*

## GAINFUL EMPLOYMENT

For graduation rates, the median debt of students who completed the program, and other important information, visit [www.bju.edu/rates](http://www.bju.edu/rates).

# DIVISION OF ART & DESIGN

The Division offers majors in Fashion Design; Graphic Design; Interior Architecture and Design; and Studio Art, and minors in Art and Photography. Courses are offered in this division to students who desire to improve their artistic skills in various areas. Courses are also available as general electives.

Internships are available to qualified students at local businesses and are assigned by the directing teacher.

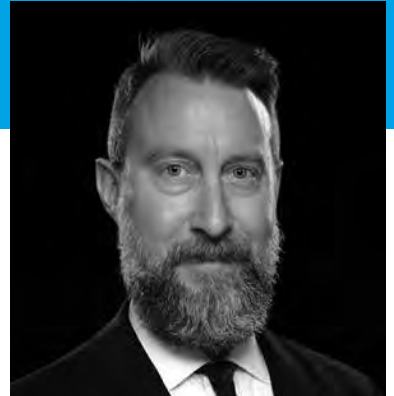
## PURPOSE

The Division of Art and Design exists to prepare Christian visual artists and designers to become the new problem-solvers of our time. With a biblical perspective on creativity, the Art and Design faculty seeks to develop the students' God-given talent to the highest level of communication, creative expression and professionalism possible.

## GOALS

The student will ...

- Employ the principles and elements of composition across a wide range of media and applications.
- Employ creative thinking in the production of quality artwork.
- Analyze and evaluate elements of art history and contemporary trends in art.
- Formulate Christ-centered artistic goals and a personal Bible-based philosophy of art or design.
- Evaluate career direction based on personal abilities.



**Jay M. Bopp, MFA**  
*Chair*

# Department of Art

**Jay M. Bopp, MFA**

*Department Head*

The Department offers a major in Studio Art and a minor in Art. Courses are offered in this department for majors and minors and for students to fulfill the general degree requirements in art. Courses are also available as general electives.

## ART MINOR

The Art minor provides a general understanding of fundamental art principles. It offers hands-on experience in drawing, painting, ceramics and fiber arts as preparation for the production of works in the visual arts. It also allows exploration of graphic design, interior design, and fashion design as a field of interest. Transfer students must present a portfolio of previous college artwork when they first register. Studio work to be transferred must be evaluated by the art faculty before credit is granted.

A minor in Art consists of Ar 121 Drawing/Structural Representation I (2), Ar 122 Drawing/Structural Representation II (2) or Ar 125 Human Anatomy (2), Ar 130 Foundations of Art & Design (2) or Ar 225 Appreciation of Art (2), Ar 220 Ceramics I (2), Ar 232 Fiber Arts (2) or Ar 320 Book Arts (2), 201 Foundations: Design Theory (2), to Ar 202 Foundations: Color Theory (2), and four credits of art electives. Recommended electives: Ar 204 Basic Painting (2), Ar 221 Ceramics II (2), Ar 405 Printmaking: Lithography & Serigraphy (2), Grd 140 Design Technology I (2), and GrD 224 Graphic Design Production (2).

## Bachelor of Fine Arts, Studio Art

**Jay M. Bopp, MFA**  
*Program Coordinator*

Studio Art Program Summary	
Major .....	54
BJU Core .....	56
Electives .....	18
<b>Total (minimum) .....</b>	<b>128</b>



The Studio Art major provides preparation for a career in studio art, illustration or other fields in the visual arts. Along with Bible and liberal arts courses, a core of drawing and design courses sharpens perceptive skills and lays a solid aesthetic and technical foundation for advanced work. It features a required senior exhibition and the development of a biblically based philosophy of art. Classroom instruction is complemented by extensive lab and studio experiences. An emphasis on the creation of God-honoring works of art supports the University’s mission. This program requires 54 credits.

## DEGREE COURSES

### Major: 54 credits

Ar 121	Drawing/Structural Representation I (2)
Ar 125	Human Anatomy (2)
Ar 201	Foundations: Design Theory (2)
Ar 202	Foundations: Color Theory (2)
Ar 204	Basic Painting (2)
Ar 207	Three-Dimensional Foundations (2)
Ar 310	Art History: Prehistoric–Renaissance (3)
Ar 311	Art History: High Renaissance–Contemporary (3)
Ar 401	Directed Studies I (2)
Ar 402	Directed Studies II (2)
Ar 403	Directed Studies III (2)
Ar 406	Printmaking: Intaglio & Relief (2)
Ar 426	Studio Internship (3)
<i>Art Electives (200- to 400-level) (22)</i>	
<i>Business Elective<sup>1</sup> (3)</i>	
· BA 220	Home-Based Business Strategies (3)
· Mkt 205	Principles of Marketing (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Ar 130	Foundations of Art & Design (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

18 credits and/or select a minor

## Program Learning Outcomes

The student will ...

- Create original and successful works of art in a variety of media and techniques.
- Analyze and synthesize the major achievements of the greater art community from the past to the present.
- Evaluate quality and effectiveness in their own work and the work of others.
- Organize and execute an exhibition of their own work and the work of others.
- Employ the language of visual art to communicate on a professional level.

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	SSE 200	Foundations of Economics (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Ar 202	Foundations: Color Theory (2)
Ar 121	Drawing/Structural Representation I (2)	Art Elective (200- to 400-level) (2)	
Ar 130	Foundations of Art & Design (2)	Math/Computer or Science Elective (3)	
Ar 201	Foundations: Design Theory (2)	Electives or Minor (1)	
Com 101	Fundamentals of Speech (3)	<b>Total Credits: 15</b>	
<b>Total Credits: 15</b>			

### Second Year

Bi 230	Hermeneutics (3)	Ph 200	Themes in Western Thought (3)
Ar 125	Human Anatomy (2)	Ar 207	Three-Dimensional Foundations (2)
Ar 204	Basic Painting (2)	Ar 311	Art History: High Renaissance–Contemporary (3)
Ar 310	Art History: Prehistoric–Renaissance (3)	Ar 406	Printmaking: Intaglio & Relief (2)
English or Writing Elective (3)		Art Elective (200- to 400-level) (2)	
Electives or Minor (4)		Electives or Minor (3)	
<b>Total Credits: 17</b>			

### Third Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
Bi 350	Bible Doctrines (3)	Hi 102	History of Civilization since 1650 (3)
Com 410	Oral Communication for the Professions (3)	Bi 360	Bible Doctrines (3)
Art Elective (200- to 400-level) (2)		Ar 401	Directed Studies I (2)
Art Elective (200- to 400-level) (2)		Art Elective (200- to 400-level) (2)	
Art Elective (200- to 400-level) (2)		Art Elective (200- to 400-level) (2)	
Philosophy or Psychology Elective (3)		Art Elective (200- to 400-level) (2)	
<b>Total Credits: 17</b>			

### Fourth Year

Ar 402	Directed Studies II (2)	Bi 499	Apologetics & Worldview (3)
Art Elective (200- to 400-level) (2)		Ar 403	Directed Studies III (2)
Art Elective (200- to 400-level) (2)		Ar 426	Studio Internship (3)
Art Elective (200- to 400-level) (2)		Art Elective (200- to 400-level) (2)	
Bible Elective (300/400-level) (2)		Business Elective <sup>1</sup> (3)	
Electives or Minor (7)		Electives or Minor (3)	
<b>Total Credits: 16</b>			

<sup>1</sup> BA 220 Home-Based Business Strategies or Mkt 205 Principles of Marketing

- Transfer students must present a portfolio of previous college artwork when applying. Studio work to be transferred must be evaluated by the art faculty before credit is granted.
- Studio Art candidacy will be determined by a faculty committee's evaluation of the student's coursework and performance near the midpoint of his or her program.

# Department of Design

**Christopher J. Barnhart, MA**

*Department Head*

The Department offers majors in Graphic Design, Interior Architecture and Design and Fashion Design. Courses are offered in this department for majors and courses are also available as general electives.

## **PHOTOGRAPHY MINOR**

The Photography minor provides instruction in the creative and technical art of photography. It offers hands-on opportunities to learn the principles of good photography in practical applications.

A minor in Photography consists of Pho 100 Photography I (3), Pho 200 Photography II (3), Pho 310 Advanced Photographic Lighting (3), and nine credits of electives with a Pho prefix.



## Bachelor of Fine Arts, **Graphic Design**

**Christopher J. Barnhart, MA**  
*Program Coordinator*

### **Graphic Design Program Summary**

Major .....	70
BJU Core .....	56
Electives .....	2
<b>Total (minimum) .....</b>	<b>128</b>

The Graphic Design major provides preparation for a career in visual communication. The program includes a core of business, Bible and liberal arts. Through classroom instruction, and lab and studio experience, the program features foundational drawing and design courses, advanced course projects that parallel professional practice, a required internship in the design industry, the presentation of a portfolio, and a biblical philosophy of design in support of the University's mission. This program requires 70 credits in the major, including 6 credits of foundational courses, 34 credits of graphic design, 18 credits of studio art, 6 credits of photography and 6 credits of business.

### **Program Learning Outcomes**

The student will ...

- Evaluate and analyze major achievements and individuals of graphic design history and the contemporary design community.
- Create original solutions to design problems of varying complexity in a variety of media utilizing the theories of communication design.
- Design a professional portfolio that meets or exceeds industry standards with utilization of design technology and implementation of typographic skill.

## DEGREE COURSES

### Major: 70 credits

Ar 121	Drawing/Structural Representation I (2)
Ar 122	Drawing/Structural Representation II (2)
Ar 201	Foundations: Design Theory (2)
Ar 202	Foundations: Color Theory (2)
Ar 310	Art History: Prehistoric–Renaissance (3)
Ar 311	Art History: High Renaissance–Contemporary (3)
Ar 320	Book Arts (2)
Ar 331	Illustration I (2)
Ar 405	Printmaking: Lithography/Serigraphy (2)
<i>Art Electives (4)</i>	
GrD 140	Design Technology I (2)
GrD 141	Design Technology II (3)
GrD 160	Typography I (2)
GrD 224	Graphic Design Production (2)
GrD 308	Hand-Lettering (2)
GrD 321	Graphic Design I (2)
GrD 322	Graphic Design II (2)
GrD 323	Typography II (2)
GrD 325	Web Design I (3)
GrD 326	Web Design II (3)
GrD 360	History of Graphic Design (3)
GrD 410	Portfolio (2)
GrD 415	Graphic Design Internship (6)
Pho 100	Photography I (3)
Pho 200	Photography II (3)
Mkt 205	Principles of Marketing (3)
<i>Business Elective<sup>1</sup> (3)</i>	
· BA 220	Home-Based Business Strategies (3)
· BA 406	Entrepreneurship (3)
· Mkt 312	Professional Selling I (3)
· Mkt 411	Marketing Strategy (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Ar 130	Foundations of Art & Design (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

2 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	FA 125	Introduction to the Arts (1)
Ar 121	Drawing/Structural Representation I (2)	Ar 122	Drawing/Structural Representation II (2)
Ar 130	Foundations of Art & Design (2)	GrD 141	Design Technology II (3)
GrD 140	Design Technology I (2)	GrD 160	Typography I (2)
Com 101	Fundamentals of Speech (3)	<b>Total Credits: 17</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Bi 230	Hermeneutics (3)	Ph 200	Themes in Western Thought (3)
Ar 201	Foundations: Design Theory (2)	Ar 202	Foundations: Color Theory (2)
Ar 310	Art History: Prehistoric–Renaissance (3)	Ar 311	Art History: High Renaissance–Contemporary (3)
GrD 224	Graphic Design Production (2)	Pho 100	Photography I (3)
<i>English or Writing Elective (3)</i>		<i>Electives or Minor (2)</i>	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
GrD 321	Graphic Design I (2)	GrD 308	Hand-Lettering (2)
GrD 323	Typography II (2)	GrD 322	Graphic Design II (2)
GrD 325	Web Design I (3)	GrD 326	Web Design II (3)
GrD 360	History of Graphic Design (3)	Pho 200	Photography II (3)
Com 410	Oral Communication for the Professions (3)	Mkt 205	Principles of Marketing (3)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Fourth Year

Ar 320	Book Arts (2)	Bi 499	Apologetics & Worldview (3)
Ar 331	Illustration I (2)	GrD 410	Portfolio (2)
Ar 405	Printmaking: Lithography/Serigraphy (2)	GrD 415	Graphic Design Internship (6)
<i>Art Elective (2)</i>		<i>Art Elective (2)</i>	
<i>Bible Elective (300/400-level) (2)</i>		<i>Philosophy or Psychology Elective (3)</i>	
<i>Business Elective<sup>1</sup> (3)</i>		<b>Total Credits: 16</b>	
<i>Math/Computer or Science Elective (3)</i>			
<b>Total Credits: 16</b>			

<sup>1</sup> BA 220 Home-Based Business Strategies, BA 406 Entrepreneurship, Mkt 312 Professional Selling I or Mkt 411 Marketing Strategy

- Transfer students must present a portfolio of previous college artwork when applying. Studio work to be transferred must be evaluated by the art faculty before credit is granted.
- Graphic Design candidacy will be determined by a faculty committee's evaluation of the student's coursework portfolio and performance near the midpoint of his or her program.





## Bachelor of Fine Arts, **Interior Architecture & Design**

**Laurie-Lynne D. Hall, MFA**  
*Program Coordinator*

### **Interior Architecture & Design Program Summary**

Major .....	61
BJU Core .....	56
Electives .....	11
<b>Total (minimum) .....</b>	<b>128</b>

The Interior Architecture & Design program provides a combination of 61 credits of interior design and art courses, the required number of credits in order for an entry-level designer to sit for the National Council of Interior Design Qualification Examination. This program requires at least 45 credits of interior design courses and at least 15 credits of art courses. The program combines classroom instruction with extensive laboratory activities and practical field work as an intern during the senior year. An emphasis on industry best practices and excellence of design supports the University's goal to build Christlike character in students.

### **Program Learning Outcomes**

The student will ...

- Solve complex design problems through the study and integration of technical, spatial, aesthetic and conceptual knowledge.
- Effectively communicate design solutions using oral, written and visual presentation skills.
- Employ an understanding of the principles of art and design to create solutions for interior architecture and design projects.
- Evaluate design work based on knowledge of industry terminology, building codes and materials, interior finish materials and architectural issues effecting the built environment.
- Produce a portfolio of work that details professional industry knowledge and the skills necessary for securing career opportunities in the field of art and design.
- Understand the industry standards and behaviors necessary to perform in the global marketplace for art, architecture and design.

## DEGREE COURSES

### Major: 61 credits

Ar 121	Drawing/Structural Representation I (2)
Ar 201	Foundations: Design Theory (2)
Ar 202	Foundations: Color Theory (2)
GrD 140	Design Technology I (2)
GrD 141	Design Technology II (3)
ID 108	Introduction to Interior Design (3)
ID 110	Basic Residential Drafting (3)
ID 120	Graphics for Interior Design I (3)
ID 201	Sewing for Interior Design (3)
ID 210	Residential Interior Design (3)
ID 240	Graphics for Interior Design II (3)
ID 290	History of Interior Design (3)
ID 320	Commercial Interior Design I (3)
ID 330	Commercial Interior Design II (3)
ID 360	Building Systems & Codes (3)
ID 370	Materials/Components Interior Design (3)
ID 400	ID Professional Practice (3)
ID 410	Interior Lighting for the Designer (3)
ID 420	Interior Design Internship (3)
ID 430	Sustainable Design (3)
<i>Interior/Graphic Design or Art Elective (2)</i>	
BA 220	Home-Based Business Strategies (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Ar 130	Foundations of Art & Design (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

11 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Ar 130	Foundations of Art & Design (2)
FA 125	Introduction to the Arts (1)	GrD 140	Design Technology I (2)
Ar 121	Drawing/Structural Representation I (2)	ID 120	Graphics for Interior Design I (3)
ID 108	Introduction to Interior Design (3)	Com 101	Fundamentals of Speech (3)
ID 110	Basic Residential Drafting (3)	<b>Total Credits: 17</b>	

### Second Year

Sc 200	Essential Science (3)	Ar 202	Foundations: Color Theory (2)
Bi 230	Hermeneutics (3)	GrD 141	Design Technology II (3)
Ar 201	Foundations: Design Theory (2)	ID 201	Sewing for Interior Design (3)
ID 240	Graphics for Interior Design II (3)	ID 210	Residential Interior Design (3)
<i>English or Writing Elective (3)</i>		BA 220	Home-Based Business Strategies (3)
<i>Electives or Minor (3)</i>		<b>Total Credits: 14</b>	
<b>Total Credits: 17</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	ID 290	History of Interior Design (3)
ID 320	Commercial Interior Design I (3)	ID 330	Commercial Interior Design II (3)
ID 360	Building Systems & Codes (3)	ID 370	Materials/Components Interior Design (3)
Com 410	Oral Communication for the Professions (3)	<i>Interior/Graphic Design or Art Elect (2)</i>	
<b>Total Credits: 15</b>		<i>Electives or Minor (2)</i>	
		<b>Total Credits: 16</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	SSE 200	Foundations of Economics (3)
ID 400	ID Professional Practice (3)	ID 430	Sustainable Design (3)
ID 410	Interior Lighting for the Designer (3)	<i>Bible Elective (300/400-level) (2)</i>	
ID 420	Interior Design Internship (3)	<i>Math/Computer or Science Elective (3)</i>	
<i>Electives or Minor (4)</i>		<i>Philosophy or Psychology Elective (3)</i>	
<b>Total Credits: 16</b>		<i>Electives or Minor (2)</i>	
		<b>Total Credits: 16</b>	

- Suggested Interior Design elective: ID 302 Interior Design Workbench
- Transfer students must present a portfolio of previous college art work when applying. Studio work to be transferred must be evaluated by the art and design faculty before credit is granted.
- Interior Architecture and Design candidacy will be determined by a faculty committee's evaluation of the student's course work portfolio and performance near the midpoint of his or her program.



## Bachelor of Science, **Fashion Design**

**Karen L. Flora, MS**

*Program Coordinator*

### **Fashion Design Program Summary**

Major .....	48
BJU Core .....	56
Electives .....	24
<b>Total (minimum) .....</b>	<b>128</b>

The Bachelor of Science degree in Fashion Design is a broad based program preparing students for fashion retail, garment design and construction, as well as home based business and community service. The senior internship gives practical experience for each student in a professional workplace. The Fashion Design Exhibit showcases student projects combining principles of art, design and construction. The major supports the University's goal of Christlike character. This major requires 48 credits.

### **Program Learning Outcomes**

The student will ...

- Professionally construct and alter garments.
- Design original patterns for garment construction.
- Apply business techniques to retail merchandising.
- Incorporate art and design principles to Fashion Design projects.
- Compile a professional portfolio of Fashion Design artwork.

## DEGREE COURSES

### Major: 48 credits

Ar 121	Drawing/Structural Representation I (2)
Ar 201	Foundations: Design Theory (2)
Ar 202	Foundations: Color Theory (2)
Ar 232	Fiber Arts (2)
Ar 333	Fashion Illustration (2)
Ar 440	3D Studio Instruction (2)
FD 130	Apparel Construction I (3)
FD 131	Apparel Construction II (3)
FD 220	Business of Fashion (3)
FD 235	Apparel Design I (3)
FD 240	History of Apparel (3)
FD 330	Apparel Construction III (3)
FD 335	Apparel Design II (3)
FD 340	Textiles for the Consumer (3)
FD 345	Computer Patternmaking (3)
FD 360	Retail Merchandising (3)
FD 430	Fashion Design Internship (3)
FD 435	Apparel Design III (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Ar 130	Foundations of Art & Design (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Ar 130	Foundations of Art & Design (2)
FA 125	Introduction to the Arts (1)	FD 220	Business of Fashion (3)
Ar 121	Drawing/Structural Representation I (2)	Com 101	Fundamentals of Speech (3)
FD 130	Apparel Construction I (3)		Electives or Minor (1)
	Electives or Minor (2)		<b>Total Credits: 16</b>

### Second Year

Sc 200	Essential Science (3)	Bi 230	Hermeneutics (3)
Ar 201	Foundations: Design Theory (2)	Ar 202	Foundations: Color Theory (2)
FD 131	Apparel Construction II (3)	Ar 232	Fiber Arts (2)
FD 240	History of Apparel (3)	FD 235	Apparel Design I (3)
	English or Writing Elective (3)	FD 340	Textiles for the Consumer (3)
	Electives or Minor (1)		Electives or Minor (4)
	<b>Total Credits: 15</b>		<b>Total Credits: 17</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	Ar 440	3D Studio Instruction (2)
Ar 333	Fashion Illustration (2)	FD 330	Apparel Construction III (3)
FD 335	Apparel Design II (3)	FD 435	Apparel Design III (3)
FD 360	Retail Merchandising (3)		Math/Computer or Science Elective (3)
	Electives or Minor (2)		Electives or Minor (2)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

### Fourth Year

SSE 200	Foundations of Economics (3)	Com 410	Oral Communication for the Professions (3)
Bi 499	Apologetics & Worldview (3)		Bible Elective (300/400-level) (2)
FD 345	Computer Patternmaking (3)		Philosophy or Psychology Elective (3)
FD 430	Fashion Design Internship (3)		Electives or Minor (8)
	Electives or Minor (4)		<b>Total Credits: 16</b>

· Transfer students must present a portfolio of previous college art work when applying. Studio work to be transferred must be evaluated by the art and design faculty before credit is granted.

· Fashion Design candidacy will be determined by a faculty committee's evaluation of the student's coursework portfolio and performance near the midpoint of his or her program.



**P. Edward Dunbar, DMA**  
Chair

## DIVISION OF MUSIC

The Division of Music of the School of Fine Arts and Communication includes the Departments of Music History and Literature, Music Theory and Technology, Church Music, Vocal Studies, Keyboard Studies and Instrumental Studies.

The Division offers a minor in Music. Courses are also available as general electives.

### PURPOSE

For the glory of God, the Division of Music at Bob Jones University exists to support the growth of a Christian student in the image of God and to equip him or her to use music for the service of God.

### GOALS

The student will ...

- Explore the structural, historical, philosophical, cross-cultural, aesthetic and performance aspects of music.
- Be equipped to serve as educators, performers, advocates and leaders in churches, schools, community and professional organizations, and on the mission field.
- Apply relevant skills, resources and technology.
- Articulate a distinctly Christian aesthetic rooted in a biblical worldview.
- Experience opportunities for cultural enrichment in accordance with the University's charter and heritage.

### Vocal or Instrumental Performance Requirements

A student who takes Vocal or Instrumental Performance instruction must be enrolled in or pass MT 105 Theory I, must pass a proficiency examination demonstrating a basic knowledge of music fundamentals, or must take MT 098 Fundamentals of Music for one semester. No student may take work in more than two performance fields at the same time without the permission of the dean of the School of Fine Arts and Communication, except in the case of Church Music majors with an applied principal in piano, who will be allowed to take another performance lesson in addition to piano and hymn improvisation without special permission.

All entering music majors must take the Rudiments of Music Test. Those who do not pass the test must register for MT 099 Rudiments of Music in addition to MT 105 Theory I. This class meets for six weeks and provides an intensive review of the fundamentals of music theory.

## MUSIC MINOR

The Music minor provides instruction in music theory, music literature and private lessons. It offers a four-semester concentration on one instrument of the student's choice. A generous choice of electives allows focus on special areas of interest.

To qualify as a music minor, the student must demonstrate suitable ability in one performance field (excluding hymn improvisation). In voice and piano this will be entrance at the private-lesson level (Vo 311, Pi 311); in organ and instruments the performance audition will determine eligibility. Music minors must hold a membership in a university choral or instrumental group (that reflects the minor instrument) for four semesters.

All entering music minors must take the Rudiments of Music Test. Those who do not pass the test must register for MT 099 Rudiments of Music in addition to MT 105 Theory I. This class meets for six weeks and provides an intensive review of the fundamentals of music theory.

A minor in Music consists of Mu 101 Introduction to Music Literature (2), MT 105 Theory I (4), MT 106 Theory II (4), MT 301 Elements of Conducting (1), four credits of private instruction in one principal performance area (311 or above), and three credits of electives in music or music education (not performance). Recommended electives: Mu 303 History of Music I (2), Mu 304 History of Music II (2), Mu 305 History of Music III (3), MT 205 Theory III (4), MT 206 Theory IV (4), MT 302 Choral Conducting (2), MT 501 Eighteenth-Century Counterpoint (2), MT 502 Choral Composition (2), SM 100 Church Music Administration I (2), SM 301 Church Music Administration II (2), SM 302 Church Music Administration III (2), SM 503 Hymnology (3), Vo 503 Opera Workshop I (2), and Vo 504 Opera Workshop II (2).

Music majors must hold membership in a large music ensemble each semester. In addition, students may be required to hold membership in a small ensemble as determined by their departments. Piano and organ majors and principals may be required to accompany vocal or instrumental lessons/classes on a weekly basis.

Any student planning to major in a department of the Division of Music must, upon entrance, demonstrate distinct ability in that performance field.

# Department of Music History & Literature

**P. Edward Dunbar, DMA**

*Department Head*

Neither a major nor a minor is offered in Music History and Literature. Courses are offered in this department for students who must complete the requirements for a Bachelor of Music degree or a Bachelor of Science degree in Music Education. Courses are also available as general electives.

# Department of Music Theory & Technology

**Seth A. Custer, PhD**

*Department Head*

Neither a major nor a minor is offered in Music Theory or Music Technology. Courses are offered in this department for students who must complete the requirements for a Bachelor of Music degree or a Bachelor of Science degree in Music Education. Courses are also available as general electives.

# Department of Church Music

**Fred R. Coleman, DPasTh**  
*Department Head*

The Department offers a major in Church Music. Courses are also available as general electives. Practicums are required at local churches and are assigned by the department head.

## Bachelor of Music, Church Music

**Fred R. Coleman, DPasTh**  
*Program Coordinator*

<b>Church Music Program Summary</b>	
Major .....	61
BJU Core .....	62
Electives .....	5
<b>Total (minimum) .....</b>	<b>128</b>

The Church Music major provides preparation for using music in the overall ministry of a local church (e.g., congregational singing, adult choir and vocal ensembles, youth-children’s choir, instrumental music, music in evangelism). It establishes a strong foundation in music with a core curriculum of music theory, music history and literature, and performance (including platforms and recitals of standard literature). To this foundation it adds a core curriculum of church music courses leading to a culminating practicum in a local church. This program consists of a minimum of 61 credits in the major and supports the University’s mission of building Christlike character in the student.

Orchestral Instrument principals include: bassoon, cello, clarinet, double bass, euphonium, flute, guitar, harp, horn, oboe, percussion, saxophone, trombone, trumpet, tuba, viola or violin.

### Program Learning Outcomes

The student will ...

- Survey the historical development of congregational song in gathered Christian worship.
- Administrate various musical aspects of Christian worship (e.g., congregational singing, vocal ensembles, instrumental music, music library).
- Perform with satisfactory technique and artistry as a voice, keyboard (piano or organ), guitar or orchestral principal.



## DEGREE COURSES

## Major: 61 credits

Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
Mu 507	The Christian Musician (1)
MTc 201	Introduction to Music Technology (1)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 302	Choral Conducting (2)
MT 501	Eighteenth-Century Counterpoint (2)
MT 502	Choral Composition (2)
SM 100	Church Music Administration I (2)
SM 301	Church Music Administration II (2)
SM 302	Church Music Administration III (2)
SM 307	Congregational Song Leading <sup>2</sup> (1)
SM 491	Church Music Practicum (0)
SM 492	Church Music Practicum (0)
SM 503	Hymnology (3)
	Applied Secondary <sup>1</sup> (6)
	Freshman Principal (2)
	Sophomore Principal (2)
	Junior Principal (2)
	Senior Principal (2)
	Ministries Electives (4)
	Music Elective (1)

## BJU Core: 62 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	English or Writing Elective (3)
Sc 200	Essential Science (3)
	Math/Computer or Science Elective (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
	Philosophy or Psychology Elective (3)
FA 125	Introduction to the Arts (1)
Mu 101	Introduction to Music Lit (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
	Foreign Language Electives (6)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	Bible Elective (300/400-level) (2)

## Electives:

5 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	SSE 200	Foundations of Economics (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	MT 106	Theory II (4)
Mu 101	Introduction to Music Literature (2)	SM 100	Church Music Administration I (2)
MT 105	Theory I (4)		Applied Secondary <sup>1</sup> (1)
Com 101	Fundamentals of Speech (3)		Freshman Principal (1)
	Applied Secondary <sup>1</sup> (1)		
	Freshman Principal (1)		
	<b>Total Credits: 17</b>		<b>Total Credits: 15</b>

## Second Year

Sc 200	Essential Science (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 230	Hermeneutics (3)
MTc 201	Introduction to Music Technology (1)	MT 206	Theory IV (4)
MT 205	Theory III (4)	SM 302	Church Music Administration III (2)
SM 301	Church Music Administration II (2)		Applied Secondary <sup>1</sup> (1)
	Applied Secondary <sup>1</sup> (1)		English or Writing Elective (3)
	Sophomore Principal (1)		Sophomore Principal (1)
	<b>Total Credits: 15</b>		<b>Total Credits: 17</b>

## Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Mu 303	History of Music I (2)	Mu 304	History of Music II (2)
MT 301	Elements of Conducting (1)	MT 501	Eighteenth-Century Counterpoint (2)
MT 502	Choral Composition (2)	SM 307	Congregational Song Leading <sup>2</sup> (1)
SM 503	Hymnology (3)		Applied Secondary <sup>1</sup> (1)
	Applied Secondary <sup>1</sup> (1)		Foreign Language Elective (3)
	Foreign Language Elective (3)		Junior Principal (1)
	Junior Principal (1)		Electives or Minor (3)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

## Fourth Year

Bi 499	Apologetics & Worldview (3)	Mu 507	The Christian Musician (1)
Ph 200	Themes in Western Thought (3)	MT 302	Choral Conducting (2)
Mu 305	History of Music III (3)	SM 492	Church Music Practicum (0)
SM 491	Church Music Practicum (0)		Bible Elective (300/400-level) (2)
Com 410	Oral Communication for the Professions (3)		Math/Computer or Science Elective (3)
	Ministries Elective (2)		Ministries Elective (2)
	Music Elective (1)		Philosophy or Psychology Elective (3)
	Senior Principal (1)		Senior Principal (1)
	<b>Total Credits: 16</b>		Electives or Minor (2)
			<b>Total Credits: 16</b>

<sup>1</sup> Six credits of secondary applied are required of all church music majors:

*Orchestral Instrument principals* must elect piano each semester until the secondary piano exam is passed (typically after four semesters) and the remaining two credits should be fulfilled with secondary voice.

If the exam is passed early and the two credits of secondary voice are completed, the remaining credits may be in any secondary applied.

*Organ principals* must take two credits of piano, two credits of hymn improvisation and two credits of voice.

*Piano principals* must take two credits of hymn improvisation, two credits of organ and two credits of secondary voice.

*Voice principals* must elect piano each semester until the secondary piano exam is passed (typically after four semesters) and the remaining two credits should be fulfilled with hymn improvisation. If the exam is passed early and the two credits of hymn improvisation are completed, the remaining credits may be in any secondary applied.

- For students considering advanced degrees in the Seminary, an additional semester of Greek is recommended.
- Church Music candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.
- Electives: Organ principals must take Or 501 Service Playing and Or 400 Organ Pedagogy.

# Department of Vocal Studies

**Jean R. Greer, MMus**  
*Department Head*

The Department offers a major in Voice Performance. The voice courses are flexible and will be adapted to the student's individual capacities and needs along the broad outlines of the work indicated. Courses are also available as general electives.

## Bachelor of Music, **Voice Performance**

**Jean R. Greer, MMus**  
*Program Coordinator*

<b>Voice Performance Program Summary</b>	
Major .....	64
BJU Core .....	62
Electives .....	2
<b>Total (minimum) .....</b>	<b>128</b>

The Voice Performance major will prepare students for a career as a studio instructor, a ministry in church music, graduate study or a career in performance. It offers breadth and specialization in music courses, including diction, pedagogy and literature combined with a solid liberal arts core. It requires piano proficiency, platform tests and three public recitals. Voice Performance majors must participate in a university choral group or opera every semester. This program prescribes 64 credits in the major and provides students with opportunities for cultural enrichment in accordance with the University's character and heritage for the glory of God.

### Program Learning Outcomes

The student will ...

- Apply knowledge of standard vocal literature to performance.
- Acquire an advanced skill level of German, Italian, French and English diction.
- Exhibit a working knowledge of healthy vocal function.
- Perform with artistry, drama and proper stage deportment.

## DEGREE COURSES

## Major: 64 credits

Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
Mu 404	Voice Literature Survey (3)
Mu 507	The Christian Musician (1)
MTc 201	Introduction to Music Technology (1)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)
<i>Music Elective (1)</i>	
Vo 400	Voice Pedagogy I (2)
Vo 401	Voice Pedagogy II (2)
Vo 503	Opera Workshop I (2)
Vo 506	Diction for Singers (3)
Applied Secondary—Piano <sup>1</sup> (4)	
Freshman Voice (3)	
Sophomore Voice (4)	
Junior Voice (4)	
Senior Voice (6)	

## BJU Core: 62 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Mu 101	Introduction to Music Lit (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
French Language (3)	
German Language (3)	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## Electives:

2 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Mu 101	Introduction to Music Literature (2)
MT 105	Theory I (4)	MT 106	Theory II (4)
Vo 411	Freshman Voice (1)	Vo 422	Freshman Voice (2)
Com 101	Fundamentals of Speech (3)	Applied Secondary—Piano <sup>1</sup> (1)	
Applied Secondary—Piano <sup>1</sup> (1)		<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

## Second Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 230	Hermeneutics (3)
SSE 200	Foundations of Economics (3)	MTc 201	Introduction to Music Technology (1)
MT 205	Theory III (4)	MT 206	Theory IV (4)
Vo 432	Sophomore Voice (2)	MT 301	Elements of Conducting (1)
Applied Secondary—Piano <sup>1</sup> (1)		Vo 442	Sophomore Voice (2)
German Language (3)		Applied Secondary—Piano <sup>1</sup> (1)	
<b>Total Credits: 16</b>		English or Writing Elective (3)	
		French Language (3)	
<b>Total Credits: 18</b>			

## Third Year

Bi 350	Bible Doctrines (3)	Sc 200	Essential Science (3)
Mu 303	History of Music I (2)	Bi 360	Bible Doctrines (3)
MT 501	Eighteenth-Century Counterpoint (2)	Ph 200	Themes in Western Thought (3)
Vo 452	Junior Voice (2)	Mu 304	History of Music II (2)
Vo 503	Opera Workshop I (2)	Vo 462	Junior Voice (2)
Math/Computer or Science Elective (3)		Vo 506	Diction for Singers (3)
Music Elective (1)		<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

## Fourth Year

Bi 499	Apologetics & Worldview (3)	Mu 404	Voice Literature Survey (3)
Mu 305	History of Music III (3)	Mu 507	The Christian Musician (1)
Vo 400	Voice Pedagogy I (2)	MT 409	Form & Analysis (2)
Vo 473	Senior Voice (3)	Vo 401	Voice Pedagogy II (2)
Com 410	Oral Communication for the Professions (3)	Vo 483	Senior Voice (3)
Electives or Minor (2)		Bible Elective (300/400-level) (2)	
<b>Total Credits: 16</b>		Philosophy or Psychology Elective (3)	
<b>Total Credits: 16</b>			

<sup>1</sup> Piano must be taken until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

- Voice Performance majors must participate in a university choral group or opera every semester.
- While previous training in voice is not required for entrance to the program in voice performance, strong musicianship and natural vocal gifts are essential. Students should be proficient in music, demonstrating a basic knowledge of music fundamentals; piano training is also beneficial.
- Voice Performance candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Keyboard Studies

**David C. Lehman, MMus**  
*Department Head*

The Department offers majors in Keyboard Performance and Piano Pedagogy. The courses are flexible and will be adapted to the student's individual capacities and needs along the broad outlines of the work indicated. Courses are also available as general electives.

## Bachelor of Music, **Keyboard Performance**

**David C. Lehman, MMus**  
*Program Coordinator*

<b>Keyboard Performance Program Summary</b>	
Major .....	61
BJU Core .....	62
Electives .....	5
<b>Total (minimum) .....</b>	<b>128</b>

The Keyboard Performance (piano or organ) major prepares the student for a career in studio teaching, a ministry in church music, for graduate study or a career in performance. It offers breadth and specialization in music performance with a solid liberal arts core. The program requires participation in a university ensemble and features junior and senior recitals. The program prescribes 61 credits in the major and supports the Division of Music purpose to equip students to use music for the glory of God.

### Program Learning Outcomes

The student will ...

- Apply knowledge of standard keyboard literature to performance.
- Integrate music theory and performance in literature interpretation.
- Apply mature musical interpretation and advanced keyboard skills.

## DEGREE COURSES

### Major: 61 credits

Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
Mu 507	The Christian Musician (1)
MTc 201	Introduction to Music Technology (1)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)

#### Music Elective<sup>1</sup> (1)

#### Keyboard Literature Survey<sup>3</sup> (3)

- Mu 405 Piano Lit Survey (3)
- Mu 406 Organ Lit Survey (3)

#### Keyboard Pedagogy Electives<sup>4</sup> (5)

- Or 400 Organ Pedagogy (2)
- Or 501 Service Playing (2)
- PPD 403 Piano Pedagogy: Group Instructor (2)
- PPD 501 Piano Pedagogy: Private Instructor (3)

#### Freshman Keyboard<sup>2</sup> (4)

#### Sophomore Keyboard (6)

#### Junior Keyboard (6)

#### Senior Keyboard (6)

### BJU Core: 62 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Mu 101	Introduction to Music Lit (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (6)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

5 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	SSE 200	Foundations of Economics (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Mu 101	Introduction to Music Literature (2)
MT 105	Theory I (4)	MT 106	Theory II (4)
Com 101	Fundamentals of Speech (3)	Freshman Keyboard (2)	
Freshman Keyboard <sup>2</sup> (2)		Music Elective <sup>1</sup> (1)	
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
Ph 200	Themes in Western Thought (3)	Hi 102	History of Civilization since 1650 (3)
MT 205	Theory III (4)	Bi 230	Hermeneutics (3)
English or Writing Elective (3)		MTc 201	Introduction to Music Technology (1)
Sophomore Keyboard (3)		MT 206	Theory IV (4)
<b>Total Credits: 16</b>		MT 301	Elements of Conducting (1)
		Sophomore Keyboard (3)	
		<b>Total Credits: 18</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Mu 303	History of Music I (2)	Mu 304	History of Music II (2)
Com 410	Oral Communication for the Professions (3)	MT 409	Form & Analysis (2)
Foreign Language Elective (3)		Foreign Language Elective (3)	
Junior Keyboard (3)		Junior Keyboard (3)	
Keyboard Pedagogy Elective <sup>4</sup> (3)		Keyboard Pedagogy Elective <sup>4</sup> (2)	
<b>Total Credits: 17</b>		<b>Total Credits: 15</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Mu 507	The Christian Musician (1)
Mu 305	History of Music III (3)	MT 501	Eighteenth-Century Counterpoint (2)
Keyboard Literature Survey <sup>3</sup> (3)		Bible Elective (300/400-level) (2)	
Math/Computer or Science Elective (3)		Philosophy or Psychology Elective (3)	
Senior Keyboard (3)		Senior Keyboard (3)	
<b>Total Credits: 15</b>		Electives or Minor (5)	
		<b>Total Credits: 16</b>	

<sup>1</sup> Organ track must take Piano Instruction (non-major) until the Technique Test is passed.

<sup>2</sup> Organ track must take one credit organ and one credit Piano Instruction (non-major).

<sup>3</sup> Mu 405 Piano Literature Survey or Mu 406 Organ Literature Survey

<sup>4</sup> Or 400 Organ Pedagogy, Or 501 Service Playing, PPD 403 Piano Pedagogy: Group Instructor, or PPD 501 Piano Pedagogy: Private Instructor

· Keyboard Performance candidacy will be determined by the student passing a platform test near the midpoint of his or her program.



Bachelor of Music, **Piano Pedagogy**

**David C. Lehman, MMus**  
*Program Coordinator*

**Piano Pedagogy  
 Program Summary**

Major .....	57
BJU Core .....	62
Electives .....	9
<b>Total (minimum) .....</b>	<b>128</b>

The Piano Pedagogy major provides preparation for a career in piano teaching. It offers internship instruction and experience for class and private piano teaching at various levels combined with a solid liberal arts core. The program requires participation in a university ensemble and features junior and senior recitals. The program prescribes 57 credits in the major and supports the Division of Music purpose to equip students to use music for the glory of God.

**Program Learning Outcomes**

The student will ...

- Apply knowledge of pedagogical literature, materials and methods to piano teaching.
- Perform memorized public recitals with skill.
- Integrate music theory and performance in literature interpretation.

## DEGREE COURSES

### Major: 57 credits

Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
Mu 405	Piano Lit Survey (3)
Mu 507	The Christian Musician (1)
MTc 201	Introduction to Music Technology (1)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)
<i>Music Elective (1)</i>	
PPd 201	Graded Piano Lit I (2)
PPd 202	Graded Piano Lit II (2)
PPd 301	Piano Intern Instruction I (1)
PPd 302	Piano Intern Instruction II (1)
PPd 401	Piano Intern Instruction III (2)
PPd 402	Piano Intern Instruction IV (2)
PPd 403	Piano Pedagogy: Group Instructor (2)
PPd 501	Piano Pedagogy: Private Instructor (3)
Freshman Piano (2)	
Sophomore Piano (2)	
Junior Piano (2)	
Senior Piano (2)	

### BJU Core: 62 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
Mu 101	Introduction to Music Lit (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (6)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

9 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Mu 101	Introduction to Music Literature (2)
FA 125	Introduction to the Arts (1)	MT 106	Theory II (4)
MT 105	Theory I (4)	Pi 421	Freshman Piano (1)
Pi 411	Freshman Piano (1)	<b>Total Credits: 14</b>	
Com 101	Fundamentals of Speech (3)		
<b>Total Credits: 17</b>			

### Second Year

SSE 200	Foundations of Economics (3)	Bi 230	Hermeneutics (3)
MTc 201	Introduction to Music Technology (1)	MT 206	Theory IV (4)
MT 205	Theory III (4)	PPd 202	Graded Piano Literature II (2)
Pi 431	Sophomore Piano (1)	English or Writing Elective (3)	
PPd 201	Graded Piano Literature I (2)	Math/Computer or Science Elective (3)	
Ed 201	Theories of Teaching & Learning (3)	Pi 441	Sophomore Piano (1)
<b>Total Credits: 14</b>			
<b>Total Credits: 17</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	Mu 304	History of Music II (2)
Mu 303	History of Music I (2)	MT 301	Elements of Conducting (1)
MT 501	Eighteenth-Century Counterpoint (2)	MT 409	Form & Analysis (2)
Pi 451	Junior Piano (1)	Pi 461	Junior Piano (1)
PPd 301	Piano Intern Instruction I (1)	PPd 302	Piano Intern Instruction II (1)
PPd 501	Piano Pedagogy: Private Instructor (3)	PPd 403	Piano Pedagogy: Group Instructor (2)
Foreign Language Elective (3)			
<b>Total Credits: 18</b>			

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Sc 200	Essential Science (3)
Mu 305	History of Music III (3)	Mu 507	The Christian Musician (1)
Mu 405	Piano Literature Survey (3)	Pi 481	Senior Piano (1)
Pi 471	Senior Piano (1)	PPd 402	Piano Intern Instruction IV (2)
PPd 401	Piano Intern Instruction III (2)	Bible Elective (300/400-level) (2)	
Com 410	Oral Communication for the Professions (3)	Music Elective (1)	
Electives or Minor (1)			
<b>Total Credits: 16</b>			

• Piano Pedagogy candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# Department of Instrumental Studies

**Bruce B. Cox, DMA**  
*Department Head*

The Department offers a major in Orchestral Instrument Performance. The courses are flexible and will be adapted to the student's individual capacities and needs along the broad outlines of the work indicated. Courses are also available as general electives.

## Bachelor of Music, **Orchestral Instrument Performance**

**Bruce B. Cox, DMA**  
*Program Coordinator*

<b>Orchestral Instrument Performance Program Summary</b>	
Major .....	63
BJU Core .....	62
Electives .....	3
<b>Total (minimum) .....</b>	<b>128</b>

The Orchestral Instrument Performance major provides preparation for graduate study, and a career as a professional studio teacher and musician. It offers breadth and specialization in music combined with a solid liberal arts core. The program requires small ensemble, band or orchestra participation, and features junior and senior recitals. This program prescribes 63 credits in the major and supports the University's goal to build Christlike character in the lives of our students.

### Program Learning Outcomes

The student will ...

- Apply knowledge of performance practices, music history and music theory relevant to performance settings.
- Evaluate literature, materials, methods and technology used in successful studio teaching.
- Perform public recitals that apply mature musical interpretation and advanced instrumental skills.



## DEGREE COURSES

## Major: 63 credits

Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
Mu 507	The Christian Musician (1)
MTc 201	Introduction to Music Technology (1)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 409	Form & Analysis (2)
MT 501	Eighteenth-Century Counterpoint (2)

*Music Elective*<sup>3</sup> (3)  
 Applied Secondary—Piano<sup>1</sup> (4)  
 Instrument Pedagogy<sup>2</sup> (4)  
 Instrument Lit Survey (3)  
 Freshman Instrument (3)  
 Sophomore Instrument (4)  
 Junior Instrument (6)  
 Senior Instrument (6)

## BJU Core: 62 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective</i> (3)	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective</i> (3)	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective</i> (3)	
FA 125	Introduction to the Arts (1)
Mu 101	Introduction to Music Lit (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives</i> (6)	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level)</i> (2)	

## Electives:

3 credits and/or select a minor

## SUGGESTED SCHEDULE

## First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	SSE 200	Foundations of Economics (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Mu 101	Introduction to Music Literature (2)
MT 105	Theory I (4)	MT 106	Theory II (4)
Com 101	Fundamentals of Speech (3)	Applied Secondary—Piano <sup>1</sup> (1)	
Applied Secondary—Piano <sup>1</sup> (1)		Freshman Instrument (2)	
Freshman Instrument (1)		<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

## Second Year

Sc 200	Essential Science (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 230	Hermeneutics (3)
MT 205	Theory III (4)	MTc 201	Introduction to Music Technology (1)
Applied Secondary—Piano <sup>1</sup> (1)		MT 206	Theory IV (4)
English or Writing Elective (3)		MT 301	Elements of Conducting (1)
Sophomore Instrument (2)		Applied Secondary—Piano <sup>1</sup> (1)	
<b>Total Credits: 16</b>		Math/Computer or Science Elective (3)	
		Sophomore Instrument (2)	
		<b>Total Credits: 18</b>	

## Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Mu 303	History of Music I (2)	Mu 304	History of Music II (2)
Com 410	Oral Communication for the Professions (3)	Foreign Language Elective (3)	
Foreign Language Elective (3)		Instrument Pedagogy <sup>2</sup> (2)	
Instrument Pedagogy <sup>3</sup> (2)		Junior Instrument (3)	
Junior Instrument (3)		Music Elective <sup>3</sup> (3)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

## Fourth Year

Bi 499	Apologetics & Worldview (3)	Mu 507	The Christian Musician (1)
Ph 200	Themes in Western Thought (3)	MT 409	Form & Analysis (2)
Mu 305	History of Music III (3)	Bible Elective (300/400-level) (2)	
MT 501	Eighteenth-Century Counterpoint (2)	Philosophy or Psychology Elective (3)	
Instrument Literature Survey (3)		Senior Instrument (3)	
Senior Instrument (3)		Electives or Minor (3)	
<b>Total Credits: 17</b>		<b>Total Credits: 14</b>	

<sup>1</sup> Piano must be taken until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

<sup>2</sup> Brass and Harp Instrument majors will substitute music electives for the second semester of Instrument Pedagogy.

<sup>3</sup> String Instrument majors must take Vi 301 Orchestral Repertoire I and Vi 302 Orchestral Repertoire II.

- Students who wish to major in Orchestral Instrument Performance must demonstrate upon entrance thorough preparation training and innate musical ability.
- Orchestral Instrument Performance candidacy will be determined by the student passing a platform test near the midpoint of his or her program.

# DIVISION OF COMMUNICATION



**Lonnie R. Polson, EdD**  
*Chair*

The Division of Communication of the School of Fine Arts and Communication includes the Departments of Cinema, Communication Studies, Communication Disorders, Theatre Arts, and Journalism and Mass Communication.

Minors are offered in each department. Courses in the division and various departments are offered for students to fulfill the general degree requirements in speech. Courses are also available as general electives.

## PURPOSE

As part of the School of Fine Arts and Communication, the Division of Communication trains students at a professional level for careers in the communication fields including Theatre Arts, Cinema, Journalism and Mass Communication, Communication Disorders and Communication. Additionally, the division provides all university students with a broad-based understanding of communication processes and applications in the church and society.

## GOALS

The student will ...

- Formulate a distinctly Christian critique of communication within the greater context of a Christian worldview.
- Display competence in oral, written or visual communication skills.
- Analyze and solve problems within the respective disciplines of his or her communication field.
- Incorporate the concepts, principles, and creative and technical skills that underlie their individual disciplines within the Division of Communication.
- Apply their knowledge in professional experience through capstone projects, internship and practicum opportunities similar to potential work environments.

## SPEECH CLINIC

The Division of Communication operates a clinic for students who have difficulty in speech that cannot be corrected by means of ordinary classroom instruction. Diagnosis of the problems is made, and remedial work is carried on with the student in private consultation or in small training groups. These training groups are listed as CD 103–104, which may give one credit per semester or may be taken without credit.

## TEACHING EMPHASIS

Students majoring in the Division of Communication who desire to teach communication, theatre or public address on the secondary education level should take the following courses in lieu of an academic minor: Ed 100, Ed 201, Ed 300, Ed 322, Com 205 and Com 407. This teaching emphasis does not lead to teaching licensure, but does prepare the student to teach speech-related subjects in the Christian school or other pedagogical venues.

# Department of Communication Studies

**Paul T. Radford, PhD**

*Department Head*

The Department offers a major and minor in Communication. Courses are available as general electives. Internships are available to qualified students.

## **COMMUNICATION MINOR**

The Communication minor provides broad exposure to a wide variety of skills and knowledge related to communication practices within organizational settings, corporations, churches and educational institutions. The minor promotes effectiveness and cooperation through focused communication.

A minor in Communication consists of Com 202 Principles of Communication (3), Com 303 Organizational Communication (3), and 12 credits from Com 201 Public Speaking (3), Com 302 Interpersonal Communication (3), Com 303 Organizational Communication (3), Com 304 Theories & Research in Communication (3), Com 405 Persuasion, Com 407 Argumentation & Debate (3), Com 423 Special Topics in Communication (3), Com 505 Communication Training & Development (3), Com 507 Conflict Management (3), Com 520 Intercultural Communication (3), Com 521 Nonverbal Communication (3), or Com 524 Special Topics in Communication (3).

## Bachelor of Arts, **Communication**

**Paul T. Radford, PhD**

*Program Coordinator*

### **Communication Program Summary**

Major .....	36
BJU Core .....	68
Electives .....	24
<b>Total (minimum) .....</b>	<b>128</b>



The Communication major trains students at a professional level by focusing on the dynamics of the communication process. The program fosters a learning environment that prepares students intellectually, practically and spiritually to pursue graduate work in communication or related fields, and to meet the communication demands of a career in a profit or non-profit organization. The 36 credits of required courses emphasize communication principles and theories, communication in specific contexts, and the development of communication skills. A senior internship or capstone project is required for all majors.

### **Program Learning Outcomes**

The student will ...

- Analyze human communication from a biblical perspective.
- Apply multiple theories of human communication to communication problems.
- Apply principles of oral communication in public, organizational or interpersonal settings.

## DEGREE COURSES

### Major: 36 credits

Com 202	Principles of Communication (3)
Com 300	Media & Society (3)
Com 302	Interpersonal Communication (3)
Com 303	Organizational Communication (3)
Com 304	Theories & Research in Communication (3)
Com 401	Communication Internship (3)
Com 405	Persuasion (3)
Com 505	Communication Training & Development (3)

*Communication Electives (300/500-level)<sup>2</sup> (12)*

### BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 201	Public Speaking (3)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

24 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 202	Principles of Communication (3)
FA 125	Introduction to the Arts (1)	Math/Computer or Science Elective (3)	
Com 101	Fundamentals of Speech (3)	Electives or Minor (3)	
<b>Total Credits: 15</b>			

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Bi 230	Hermeneutics (3)	Ph 200	Themes in Western Thought (3)
Com 302	Interpersonal Communication (3)	Com 201	Public Speaking (3)
Com 303	Organizational Communication (3)	Foreign Language Elective (3)	
English or Writing Elective (3)		Electives or Minor (3)	
Foreign Language Elective (3)		<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 300	Media & Society (3)	Com 304	Theories & Research in Communication (3)
Communication Elective (300/500-level) <sup>2</sup> (3)		Com 405	Persuasion (3)
Foreign Language Elective (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)	
Electives or Minor (4)		Foreign Language Elective (3)	
<b>Total Credits: 16</b>		Electives or Minor (2)	
<b>Total Credits: 16</b>			

### Fourth Year

Com 505	Communication Training & Development (3)	Bi 499	Apologetics & Worldview (3)
Bible Elective (300/400-level) (2)		Com 401	Communication Internship (3)
Communication Elective (300/500-level) <sup>2</sup> (3)		Communication Elective (300/500-level) <sup>2</sup> (3)	
Philosophy or Psychology Elective (3)		Communication Elective (300/500-level) <sup>2</sup> (3)	
Electives or Minor (5)		Electives or Minor (4)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> Com 314 Leadership & Communication, Com 321 Public Relations Writing, Com 407 Argumentation & Debate, Com 423 Special Topics in Communication, Com 425 Cases in Public Relations, Com 507 Conflict Management, Com 520 Intercultural Communication, Com 521 Nonverbal Communication, Com 524 Special Topics in Communication, Com 525 Special Topics in Communication or Com 526 Special Topics in Communication

- Communication candidacy will be determined by a faculty committee's evaluation of the student's progress near the midpoint of his or her program.
- Recommended minors: Business, Journalism and Mass Communication, Political Science and Professional Writing

# Department of Journalism & Mass Communication

**Blake A. Spence, EdD**

*Department Head*

The Department offers a major in Journalism and Mass Communication, and minors in Journalism and Mass Communication, and in Professional Writing. Courses are also offered for students who desire additional study in journalism, mass communication, professional writing or public relations. Courses are also available as general electives.

Internships are available to qualified students at media outlets and at organizations performing public relations functions.

## PROFESSIONAL WRITING MINOR

The Professional Writing minor provides instruction primarily in nonjournalistic writing for students who wish to broaden their general competence in written communication.

A minor in Professional Writing consists of Com 211 Expository Writing (3), Com 323 Critical Writing (3), and Com 310 Magazine Writing (3), and three credits of Com 222 Fundamentals of Technical Writing (3) or Com 324 Business Writing (3), and six credits from Com 206 Fundamentals of Publishing (3), Com 308 Writing for Electronic Media (3), Com 327 Manuscript Editing (3) or Com 422 Editorial & Opinion Writing (3).

## JOURNALISM & MASS COMMUNICATION MINOR

The Journalism and Mass Communication minor provides instruction for students who wish to develop their general competence in communicating messages for the print, electronic and online media.

A minor in Journalism and Mass Communication consists of Com 200 Fundamentals of Broadcasting (3), Com 204 Principles of Journalism (3), Com 211 Expository Writing (3), and nine credits from Com 215 Introduction to Public Relations (3), Com 300 Media & Society (3), Com 301 Audio Equipment Operation (3), Com 302 Interpersonal Communication (3), Com 305 Oral Communication for the Media (3), Com 306 Copy Editing (3), Com 307 Video Equipment Operation (3), Com 308 Writing for Electronic Media (3), Com 309 News Writing (3), Com 310 Magazine Writing (3), Com 422 Editorial & Opinion Writing (3), Com 431 Special Topics in JMC (3), Com 432 Special Topics in JMC (3), Com 507 Conflict Management (3), or Com 520 Intercultural Communication (3).



## Bachelor of Arts, Journalism & Mass Communication

**Blake A. Spence, EdD**  
*Program Coordinator*

<b>Journalism &amp; Mass Communication Program Summary</b>	
Major .....	37
BJU Core .....	68
Electives .....	23
<b>Total (minimum) .....</b>	<b>128</b>

As part of the Division of Communication, the Department of Journalism and Mass Communication prepares aspiring media professionals to communicate effectively in their work and ministry.

Along with instruction in foundational theoretical concepts, the program emphasizes practical application and experience in the following skill sets: writing, use of communications-related technology, journalistic principles and public relations functions. Students have the opportunity to participate on the staff of the campus radio and TV stations (WBJU) and on the staff of the student newspaper (*The Collegian*). They also have the opportunity to qualify for internships at media outlets and at organizations performing public relations functions. This program requires 37 credits in the major.

### Program Learning Outcomes

The student will ...

- Articulate a philosophy of mass media that reflects a Christian worldview.
- Write clearly and correctly, using the format(s) appropriate to the context of the media message.
- Employ technologies essential to the media profession.
- Gather, evaluate and disseminate information in a variety of media environments.



## DEGREE COURSES

### Major: 37 credits

Com 200	Fundamentals of Broadcasting (3)
Com 202	Principles of Communication (3)
Com 204	Principles of Journalism (3)
Com 215	Introduction to Public Relations (3)
Com 300	Media & Society (3)
Com 303	Organizational Communication (3)
Com 309	News Writing (3)
Com 441	Journalism & Mass Comm Capstone (1)
Com 451	JMC Internship (3)
<i>Journ &amp; Mass Comm Electives (300/500-level)<sup>2</sup> (9)</i>	
<i>Reporting Elective<sup>1</sup> (3)</i>	
· Com 318 Reporting for Print (3)	
· Com 319 Reporting for Broadcast (3)	

### BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
Com 211	Expository Writing (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

23 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 204	Principles of Journalism (3)
FA 125	Introduction to the Arts (1)	Fine Arts Appreciation Elective <sup>3</sup> (2)	
Com 101	Fundamentals of Speech (3)	Foreign Language Elective (3)	
Com 200	Fundamentals of Broadcasting (3)	Electives or Minor (4)	
Foreign Language Elective (3)		<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

### Second Year

Sc 200	Essential Science (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Com 202	Principles of Communication(3)
Bi 230	Hermeneutics (3)	Com 215	Introduction to Public Relations (3)
Com 300	Media & Society (3)	Com 309	News Writing (3)
Com 211	Expository Writing (3)	Foreign Language Elective (3)	
Foreign Language Elective (3)		<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

### Third Year

SSE 200	Foundations of Economics (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Ph 200	Themes in Western Thought (3)
Journalism & Mass Communication Elective (300/500-level) <sup>2</sup> (3)		Com 303	Organizational Communication (3)
Journalism & Mass Communication Elective (300/500-level) <sup>2</sup> (3)		Journalism & Mass Communication Elective (300/500-level) <sup>2</sup> (3)	
Reporting Elective <sup>2</sup> (3)		Math/Computer or Science Elective (3)	
Electives or Minor (1)		Electives or Minor (1)	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Fourth Year

Com 410	Oral Communication for the Professions (3)	Bi 499	Apologetics & Worldview (3)
Com 441	Journalism & Mass Communication Capstone (1)	Com 451	JMC Internship (3)
Bible Elective (300/400-level) (2)		Electives or Minor (10)	
Philosophy or Psychology Elective (3)		<b>Total Credits: 16</b>	
Electives or Minor (7)			
<b>Total Credits: 16</b>			

<sup>1</sup> Com 318 Reporting for Print or Com 319 Reporting for Broadcast

<sup>2</sup> Com 301 Audio Equipment Operation, Com 302 Interpersonal Communication, Com 305 Oral Communication for the Media, Com 306 Copy Editing, Com 307 Video Equipment Operation, Com 308 Writing for Electronic Media, Com 310 Magazine Writing, Com 311 Audio Production, Com 317 Video & TV Studio Production, Com 321 Public Relations Writing, Com 422 Editorial & Opinion Writing, Com 425 Cases in Public Relations, Com 426 Media Law & Ethics, Com 431 Special Topics in Journalism & Mass Communication, Com 432 Special Topics in Journalism & Mass Communication, Com 436 Media Relations, Com 507 Conflict Management or Com 520 Intercultural Communication

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

- Journalism and Mass Communication candidacy will be determined by a faculty committee's evaluation of the student's progress near the midpoint of his or her program.
- Recommended minors: Business, Communication and English

# Department of Communication Disorders

**Dave A. Eoute Jr., PhD**

*Department Head*

The Department offers a major and a minor in Communication Disorders. Courses are available as general electives.

## **COMMUNICATION DISORDERS MINOR**

The Communication Disorders minor focuses on coursework and experiences that prepare the student for graduate work in the field of speech-language pathology.

A minor in Communication Disorders includes the following courses: CD 206 Introduction to Communicative Disorders (3), CD 207 Anatomy of Speech/Hearing Mechanism (3), CD 208 Clinical Application of Phonetics (3), CD 302 Normal Language Development (3), CD 303 Articulation & Phonology (3), and CD 401 Language Disorders in Children (3).



## Bachelor of Science, **Communication Disorders**

**Dave A. Eoute Jr., PhD**  
*Program Coordinator*

### **Communication Disorders Program Summary**

Major .....	54
BJU Core .....	56
Electives .....	18
<b>Total (minimum) .....</b>	<b>128</b>

The Communication Disorders Major provides an education that meets pre-professional entrance criteria for graduate work in communication disorders and audiology. The program is a composite major requiring 54 credits of course content covering the broad scope of communication, normal speech and language development, and speech and language disorders from a biblical worldview. Classroom instruction, clinical observations, written assignments and client interaction are carefully planned to ensure that the student is prepared to continue his education beyond the bachelor's degree in the field of speech-language pathology or audiology.

### **Program Learning Outcomes**

The student will ...

- Assess communication development and the effects of communication disorders throughout the lifespan.
- Appraise assessment tools, intervention strategies and professional issues in the field of speech-language pathology.
- Evaluate theoretical constructs and current literature in the field of speech-language pathology.
- Apply knowledge of anatomy and physiology of the speech, language and cognitive processes to clinical practice

## DEGREE COURSES

### Major: 54 credits

CD 111	Beginning Sign Language (3)
CD 206	Introduction to Communication Disorders (3)
CD 207	Anatomy of Speech/Hearing Mechanism (3)
CD 208	Clinical Application of Phonetics (3)
CD 302	Normal Language Development (3)
CD 303	Articulation & Phonology (3)
CD 304	Introduction to Audiology (3)
CD 308	Diagnostic Methods/Speech-Lang Pathology (3)
CD 400	Seminar in Speech-Lang Pathology (1)
CD 401	Language Disorders in Children (3)
CD 402	Acquired Language Disorders (3)
CD 403	Disorders of Voice (3)
CD 404	Disorders of Fluency (3)
CD 405	Selected Topics in Speech-Lang Pathology (3)
CD 407	Therapeutic Methods & Clinical Tech (2)
CD 499	Clinical Practicum (9)
Sc 105	Chemical & Physical Science (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>Writing Elective<sup>1</sup> (3)</i>	
· Com 211 Expository Writing (3)	
· Com 222 Fundamentals of Technical Writing (3)	
· Com 323 Critical Writing (3)	
Sc 103	Biological Science (3)
<i>Mathematics Elective (3)</i>	
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ps 200	General Psychology (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

18 and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Sc 103	Biological Science (3)	Ps 200	General Psychology (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	CD 206	Introduction to Communication Disorders (3)
FA 125	Introduction to the Arts (1)	Electives or Minor (3)	
Com 101	Fundamentals of Speech (3)	<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

### Second Year

Bi 230	Hermeneutics (3)	Sc 105	Chemical & Physical Science (3)
Ph 200	Themes in Western Thought (3)	SSE 200	Foundations of Economics (3)
CD 111	Beginning Sign Language (3)	CD 208	Clinical Application of Phonetics (3)
CD 207	Anatomy of Speech/Hearing Mechanism (3)	CD 308	Diagnostic Methods/Speech-Lang Pathology (3)
CD 302	Normal Language Development (3)	Writing Elective <sup>1</sup> (3)	
<b>Total Credits: 18</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
CD 303	Articulation & Phonology (3)	CD 400	Seminar in Speech-Lang Pathology (1)
CD 304	Introduction to Audiology (3)	CD 401	Language Disorders in Children (3)
CD 404	Disorders of Fluency (3)	CD 402	Acquired Language Disorders (3)
Mathematics Elective (3)		CD 403	Disorders of Voice (3)
Electives or Minor (1)		Com 410	Oral Communication for the Professions (3)
<b>Total Credits: 16</b>			

### Fourth Year

CD 407	Therapeutic Methods & Clinical Technology(2)	Bi 499	Apologetics & Worldview (3)
CD 499	Clinical Practicum (9)	CD 405	Selected Topics in Speech-Language Pathology (3)
Bible Elective (300/400-level) (2)		Fine Arts Appreciation Elective <sup>2</sup> (2)	
Electives or Minor (3)		Electives or Minor (8)	
<b>Total Credits: 16</b>			

<sup>1</sup> Com 211 Expository Writing, Com 222 Fundamentals of Technical Writing or Com 323 Critical Writing

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

- During the semester of Clinical Practicum, students will register for coursework on a special two-week block schedule that will be followed by 13 weeks of Clinical Practicum.
- Communication Disorders candidacy will be determined by a faculty committee's evaluation of the student's progress near the midpoint of his or her program.
- Recommended minors: Biology, Counseling, English, Mathematics, Psychology, Spanish and Teaching English to Speakers of Other Languages

# Department of Cinema

**Sharyn J. Robertson, MFA**

*Department Head*

The Department offers a major in Cinema Production. Courses are also available as general electives.

Internships are available to qualified students and are assigned by the department head.

## Bachelor of Science, **Cinema Production**

**Sharyn J. Robertson, MFA**

*Program Coordinator*

### **Cinema Production Program Summary**

Major .....	36
BJU Core .....	57
Electives .....	35
<b>Total (minimum) .....</b>	<b>128</b>

As part of the Division of Communication, the Department of Cinema draws upon the rich history of Unusual Films to produce Christlike character and professional excellence in our students as they learn the art, the craft and the Christian responsibility of the cinematic arts in order to produce their own cinematic work. Teaching the artistic, technical and storytelling aspects of filmmaking begins in the classroom and is enhanced through hands-on instruction while working alongside Christian professionals in the field.

### **Program Learning Outcomes**

The student will ...

- Articulate a Christian worldview in the art of filmmaking.
- Produce his or her own quality cinematic productions.
- Tell stories using the cinematic medium.
- Participate in various cinematic productions in and out of the classroom setting.

## DEGREE COURSES

### Major: 36 credits

Ci 100	Cinema Lab (0)
Ci 202	Basic Cinematography (3)
Ci 203	Basic Sound Techniques (3)
Ci 204	Intermediate Sound Techniques (3)
Ci 301	Cinematography (3)
Ci 303	Editing I (3)
Ci 304	Editing II (3)
Ci 312	Documentary Production Seminar (2)
Ci 316	Digital Imaging Techniques (2)
Ci 378	Aesthetics & History Cinematic Arts (2)
Ci 405	Screenwriting (2)
Ci 417	Cinema Directing (3)
Ci 479	Production Seminar (2)
Ci 480	Advanced Production Seminar (2)
<i>Writing Elective<sup>1</sup> (3)</i>	
· Com 211 Expository Writing (3)	
· Com 323 Critical Writing (3)	
· Com 324 Business Writing (3)	

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Ci 111	Introduction to Cinematic Arts (3)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

35 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	Ci 100	Cinema Lab (0)
Ci 100	Cinema Lab (0)	Ci 202	Basic Cinematography (3)
Ci 111	Introduction to Cinematic Arts (3)	Electives or Minor (3)	
Electives or Minor (3)		<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Bi 230	Hermeneutics (3)	Ph 200	Themes in Western Thought (3)
Ci 100	Cinema Lab (0)	Ci 100	Cinema Lab (0)
Ci 203	Basic Sound Techniques (3)	Ci 204	Intermediate Sound Techniques (3)
Ci 303	Editing I (3)	Ci 304	Editing II (3)
English or Writing Elective (3)		Electives or Minor (4)	
Electives or Minor (2)		<b>Total Credits: 16</b>	
<b>Total Credits: 17</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ci 100	Cinema Lab (0)	Ci 100	Cinema Lab (0)
Ci 301	Cinematography (3)	Ci 316	Digital Imaging Techniques (2)
Ci 312	Documentary Production Seminar (2)	Ci 417	Cinema Directing (3)
Ci 405	Screenwriting (2)	Writing Elective <sup>1</sup> (3)	
Math/Computer or Science Elective (3)		Electives or Minor (5)	
Philosophy or Psychology Elective (3)		<b>Total Credits: 16</b>	
<b>Total Credits: 16</b>			

### Fourth Year

Ci 100	Cinema Lab (0)	Bi 499	Apologetics & Worldview (3)
Ci 378	Aesthetics & History Cinematic Arts (2)	Com 410	Oral Communication for the Professions (3)
Ci 479	Production Seminar (2)	Ci 100	Cinema Lab (0)
Bible Elective (300/400-level) (2)		Ci 480	Advanced Production Seminar (2)
Electives or Minor (10)		Electives or Minor (8)	
<b>Total Credits: 16</b>			
<b>Total Credits: 16</b>			

<sup>1</sup> Com 211 Expository Writing, Com 323 Critical Writing or Com 324 Business Writing

- All Cinema Production majors are required to register for Ci 100 Cinema Lab each semester.
- Cinema Production students will be required to purchase a portable external hard drive to store class work. Please check with the department for recommended models.
- Cinema Production candidacy will be determined by a faculty committee's evaluation of the student's progress and performance near the midpoint of his or her program.
- Recommended minors: Art, Business, Creative Writing, Journalism and Mass Communication, and Photography

# Department of Theatre Arts

**Ronald H. Pyle, MA**

*Department Head*

The Department offers a major and minor in Theatre Arts. Courses are also available as general electives.

## THEATRE ARTS MINOR

The Theatre Arts minor provides instruction in acting, directing, playwriting and designing for the stage.

A minor in Theatre Arts consists of ThA 120 Stagecraft (3), ThA 208 Introduction to Acting (3), and ThA 303 Voice & Articulation (3), and two credits from either ThA 230 Theatre History & Literature to 18th Century (2) or ThA 240 Theatre History: 19th & 20th Centuries (2), and two credits from either ThA 301 Scene Design (2), ThA 302 Lighting Design (2) or ThA 304 Costume Design (2) and five credits of electives with a ThA prefix.

## Bachelor of Arts, Theatre Arts

**Ronald H. Pyle, MA**

*Program Coordinator*

### Theatre Arts Program Summary

Major .....	36
BJU Core .....	68
Electives .....	24
<b>Total (minimum) .....</b>	<b>128</b>

The Theatre Arts major supports the mission of the School of Fine Arts and Communication by providing a broad understanding of theatre including theory, history and analysis, as well as training in play production, playwriting, stage directing, performance and theatrical design. In addition to classroom instruction, the program strongly emphasizes participation in departmental production activity as well as ministry-oriented projects. It requires the production of creative projects to demonstrate proficiency in theatre. It may lead to graduate work in theatre or to opportunities to practice theatre in churches, schools or the local community. This program requires 36 credits in the major.

## DEGREE COURSES

### Major: 36 credits

ThA 110	Introduction to Theatre (1)
ThA 120	Stagecraft (3)
ThA 208	Introduction to Acting (3)
ThA 220	Theatre Arts Practicum I (1)
ThA 240	Theatre History: 19th & 20th Centuries (2)
ThA 300	Stage Directing (3)
ThA 303	Voice & Articulation (3)
ThA 320	Theatre Arts Practicum II (1)
ThA 330	Theatre Arts Practicum III (1)
ThA 400	Theatre as Vocation (1)
ThA 450	Theatre Arts Capstone I (1)
ThA 460	Theatre Arts Capstone II (1)
<i>Theatre Arts Electives (300/400-level) (15)</i>	

### BJU Core: 68 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
ThA 230	Theatre History to 18th Century (2)
<i>Foreign Language Electives (12)</i>	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

24 credits and/or select a minor

## Program Learning Outcomes

The student will ...

- Analyze and assess historical conventions, theories and existing dramatic text.
- Create works of theatre within a collaborative environment.
- Recognize and articulate a Christian worldview as it applies to theatre arts.

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	ThA 120	Stagecraft (3)
FA 125	Introduction to the Arts (1)	ThA 240	Theatre History: 19th & 20th Centuries (2)
Com 101	Fundamentals of Speech (3)	Electives or Minor (4)	
ThA 110	Introduction to Theatre (1)	<b>Total Credits: 16</b>	
ThA 230	Theatre History to 18th Century (2)		
Electives or Minor (1)			
<b>Total Credits: 16</b>			

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Bi 230	Hermeneutics (3)	Ph 200	Themes in Western Thought (3)
ThA 208	Introduction to Acting (3)	ThA 303	Voice & Articulation (3)
ThA 220	Theatre Arts Practicum I (1)	Foreign Language Elective (3)	
English or Writing Elective (3)		Theatre Arts Elective (300/400-level) (3)	
Foreign Language Elective (3)		Electives or Minor (1)	
<b>Total Credits: 16</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
ThA 320	Theatre Arts Practicum II (1)	ThA 300	Stage Directing (3)
Foreign Language Elective (3)		ThA 330	Theatre Arts Practicum III (1)
Math/Computer or Science Elective (3)		Foreign Language Elective (3)	
Theatre Arts Elective (300/400-level) (3)		Theatre Arts Elective (300/400-level) (2)	
Electives or Minor (3)		Electives or Minor (4)	
<b>Total Credits: 16</b>			

### Fourth Year

Com 410	Oral Communication for the Professions (3)	Bi 499	Apologetics & Worldview (3)
ThA 450	Theatre Arts Capstone I (1)	ThA 400	Theatre as Vocation (1)
Bible Elective (300/400-level) (2)		ThA 460	Theatre Arts Capstone II (1)
Philosophy or Psychology Elective (3)		Theatre Arts Elective (300/400-level) (2)	
Theatre Arts Elective (300/400-level) (2)		Theatre Arts Elective (300/400-level) (3)	
Electives or Minor (5)		Electives or Minor (6)	
<b>Total Credits: 16</b>			

- Theatre Arts candidacy will be determined by a faculty committee's evaluation of the student's coursework portfolio and performance near the midpoint of his or her program.
- Recommended minors: Art, English, Journalism and Mass Communication, Music and Professional Writing





# COURSES

## COCURRICULAR CREDIT

### CC 001 Music Ensemble

Cocurricular credit may be earned by accumulating a hundred participation points through various university-sponsored music groups. A maximum of two cocurricular credits may be earned during an academic year. Credit is awarded at the end of the academic year and counts toward electives. *One credit.*

## FINE ARTS

### FA 125 Introduction to the Arts

An examination of the aesthetic and ethical nature of the arts and their relevance to everyday life. Emphasis on applying a biblical framework for evaluating and interacting with the arts in contemporary culture while affirming the objective nature of Beauty, Truth and Goodness. Guest performances, lectures, readings, and attendance at recitals, art shows and other performances will provide students with opportunities to apply and synthesize course material. *Both semesters, Distance Learning, one credit.*

## DIVISION OF ART & DESIGN

## DEPARTMENT OF ART

### Ar 121 Drawing & Structural Representation I

Studio training in drawing and graphic representation of three-dimensional forms: a concentrated study of perspective followed by experience with proportions and form description with light and shade. *Both semesters, two credits.*

### Ar 122 Drawing & Structural Representation II

Continuation of Drawing and Structural Representation I and advanced development of the powers of observation for drawing in a natural and creative way. Introduction to various techniques, such as pencil, charcoal, pen and ink, and wash rendering; figure sketching of the costumed model. *Both semesters, two credits. Prerequisite: Ar 121.*

**Ar 125** Human Anatomy

Traditional drawing of the clothed human form with emphasis upon skeletal structure, muscles and movement in its application to illustration. *Both semesters, two credits. Prerequisite: Ar 121.*

**Ar 130** Foundations of Art & Design

Introduction to aesthetic theories, principles and elements of composition, and a survey of media for the student of visual arts, fine art and design major or art-makers. Attention will be given to developing sound biblical attitudes toward art evaluation and production. *Both semesters, Distance Learning, two credits.*

**Ar 201** Foundations: Design Theory

The underlying principles basic to all forms of visual organization. Experiments to develop an imaginative concept of the visual vocabulary of line, shape, texture and space. *First semester, two credits. Prerequisite: Ar 130 or Ar 225.*

**Ar 202** Foundations: Color Theory

A continuation of the development of the visual vocabulary and color theory applying the basic art principles in creative design projects. *Second semester, two credits. Prerequisite: Ar 201.*

**Ar 204** Basic Painting

Drawing and painting. Representation of still-life objects, the study of composition, light and shadow relationships, and the rendering of texture and form. *Both semesters, two credits. Prerequisite: Ar 122 or Ar 125.*

**Ar 207** Three-Dimensional Foundations

Study of three-dimensional form and structure in space. Use of clay to model and manipulate mass relationships. Wire, wood and paper used to construct contours in space and experiment with simple engineering principles. Some study of texture and surface decoration. *Second semester, two credits. Prerequisite: Ar 121.*

**Ar 220** Ceramics I

Throwing basic forms on the potter's wheel and exploring basic techniques of hand building with an emphasis on form. Students will assist in loading the firing kilns and mixing clay and glazes. *Both semesters, two credits.*

**Ar 221** Ceramics II

Continuation in the study of form, technique, and design with a focus on individual style. Students will have opportunities to mix test glazes, load and fire reduction, oxidation and Raku kilns. *Both semesters, two credits. Prerequisite: Ar 220.*

**Ar 225** Appreciation of Art

A survey of the field of art designed to give the student an intelligent appreciation of creative work. Art in the home and community, painting, sculpture, architecture, and art for industry. *Not applicable toward a major. Both semesters, Distance Learning, two credits.*

**Ar 232** Fiber Arts

Introduction to fibers techniques such as stitching, applique, felting, printing on fabric and weaving. Development of concept through fiber arts materials and techniques. *Second semester, two credits. Prerequisite: Ar 121, Ar 130, Ar 201, Ar 202.*

**Ar 301** Advanced Drawing I

Experimentation with drawing media and techniques with an emphasis on the contemporary techniques and idea development. *First semester, one credit. Prerequisite: Ar 201, Ar 202 and Ar 122 or Ar 125.*

**Ar 302** Advanced Drawing II

Further experimentation with drawing media with an emphasis on the contemporary techniques and idea development. *First semester, one credit. Prerequisite: Ar 301.*

**Ar 310** History of Art: Prehistoric to Renaissance  
Survey of art history from prehistoric to the Renaissance. Special emphasis is given to the art in the context of the culture in which it was made. *First semester, three credits.*

**Ar 311** History of Art: High Renaissance to Contemporary

Survey of art history from the High Renaissance to contemporary. Special emphasis is given to the art in the context of the culture in which it was made. *Second semester, three credits.*

**Ar 315** Intermediate Painting

Upper-level projects in portrait and the costumed figure and advanced projects in pictorial structure and composition. *Both semesters, two credits. Prerequisite: Ar 204.*

**Ar 316** Advanced Painting

Further advances in upper-level painting projects. *Both semesters, two credits. Prerequisite: Ar 315.*

**Ar 317** Studio Exploration

In-depth development of individual style and experimentation in oils or acrylics. *Both semesters, two credits. Prerequisite: Ar 316.*

**Ar 320** Book Arts

An introduction to hand bookbinding techniques with emphasis on the balance of form and content. Exploration of the book medium as a vehicle for making traditional books, as well as its potential as a sculptural and visual art form. *First semester, two credits. Prerequisite: Ar 130 and Ar 202.*

**Ar 331** Illustration I

A study of basic black and white media techniques in editorial and advertising illustration with an emphasis on communicating

ideas. Recognition of historical and contemporary illustrators and their place in the field of art. *First semester, two credits. Prerequisite: Ar 201, Ar 202 and Ar 122 or Ar 125.*

**Ar 332** Illustration II

A study of basic color media techniques in editorial and advertising illustration with an emphasis on communicating ideas. Recognition of historical and contemporary illustrators and their place in the field of art. *Second semester, two credits. Prerequisite: Ar 331.*

**Ar 333** Fashion Illustration

Sketching the idealized fashion figure. Creation of fashion plates with apparel details, fashion silhouettes, and fabric rendering to communicate the concepts of original apparel design. Incorporates sketching, drawing, and technical skills in both monochromatic and color media to develop flat specification illustration skills. *Both semesters, two credits. Prerequisite: Ar 121 and Ar 202.*

**Ar 341** Sculpture

The study of three-dimensional design with projects focusing primarily on the additive process and mold making. *Both semesters, two credits. Prerequisite: Ar 121 and Ar 207.*

**Ar 401** Directed Studies I

Directed advanced research in painting, sculpture or design. Enables the student to complete projects under the supervision of the Art faculty in preparation for the student's senior art exhibition. *Both semesters and summer, two credits. Prerequisite: Ar 315 or Ar 341.*

**Ar 402** Directed Studies II

Directed advanced research in painting, sculpture, or design. Enables the student to complete projects under the supervision of the Art faculty in preparation for the student's senior art exhibition. *Both semesters and summer, two credits. Prerequisite: Ar 401.*

**Ar 403** Directed Studies III

Directed advanced research in painting, sculpture or design. Enables the student to complete projects under the supervision of the Art faculty in preparation for the student's senior art exhibition. Discussion and development of a personal philosophy of art. *Both semesters and summer, two credits. Prerequisite: Ar 402.*

**Ar 405** Printmaking: Lithography & Serigraphy

Drawings executed on lithographic stones and plates are printed in color and/or black and white. Silk screen prints are produced using various water-based methods. *First semester, two credits. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

**Ar 406** Printmaking: Intaglio & Relief  
Collagraphs, etchings, aquatints, photoengraving, linocut and woodcuts are printed in colors and black and white. *Second semester, two credits. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

**Ar 407** Advanced Printmaking  
Pursuit and development of printing techniques of specific interest to the individual artist. *Both semesters, two credits. Prerequisite: Ar 405 and Ar 406.*

**Ar 410** Professional Practices in Studio Art  
This course examines practical applications pertinent to the studio artist including professional studio practices, studio safety, professional presentation, art ministry, private art lessons, gallery issues, art competitions and organizations. The course assists students in transitioning to a successful career as a studio artist. *Second semester, three credits. Prerequisite: Ar 401.*

**Ar 420** Watercolor I  
Indoor and outdoor painting and sketching in various media emphasizing watercolor techniques. Linear and atmospheric perspective, color and composition are also emphasized. *Second semester, two credits. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

**Ar 421** Watercolor II  
Further pursuits including outdoor painting and sketching. *Second semester, two credits. Prerequisite: Ar 420.*

**Ar 426** Studio Internship  
Evaluated work experience in local galleries or businesses. Students are placed commensurate with their skills. *Both semesters and summer, three credits.*

**Ar 431** Beginning Metals  
Casting and metalsmithing techniques for jewelry fabrication with emphasis on design. *Second semester, even-numbered calendar years, two credits. Prerequisite: Ar 341 or Ar 440.*

**Ar 440** 3D Studio Instruction  
Individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills. Continued research into three-dimensional media and techniques. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Both semesters, two credits.*

**Ar 441** 3D Studio Instruction  
Individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills. Personal development in selected media and techniques. Students are paired with the instructor who is most able to provide instruction in the

selected media and techniques. Includes group critique and discussion each week. *Both semesters, two credits. Prerequisite: Ar 341 and Ar 440.*

**Ar 442** 3D Studio Instruction  
Intermediate individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills. Personal development in selected media and techniques. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Both semesters, two credits. Prerequisite: Ar 441.*

**Ar 443** 3D Studio Instruction  
Advanced individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills with particular attention to completing a body of work for exhibition. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Both semesters, two credits. Prerequisite: Ar 442.*

**Ar 444** 3D Studio Instruction  
Advanced individualized studio instruction in the student-selected media and techniques which most advance their personal artistic goals and skills with particular attention to completing a body of work for exhibition. Students are paired with the instructor who is most able to provide instruction in the selected media and techniques. Includes group critique and discussion each week. *Both semesters, two credits. Prerequisite: Ar 443.*

## DEPARTMENT OF DESIGN FASHION DESIGN

**FD 130** Apparel Construction I  
Basic methods of construction using hand and machine sewing techniques. Commercial patterns used in the construction of a variety of garments. *Both semesters, three credits.*

**FD 131** Apparel Construction II  
Application of professional sewing techniques and detail work to the construction of garments using commercial patterns. *First semester, three credits. Prerequisite: FD 130.*

**FD 220** Business of Fashion  
Overview of the development of the fashion industry along with current issues facing the industry. The concepts and principles involved in planning, designing, adopting, sourcing and manufacturing a line are introduced. Fashion merchandising careers are explored. *Second semester, three credits.*

**FD 235** Apparel Design I

Garment design techniques using a basic sloper. Dart manipulation, garment styling and principles of fit are applied to half-scale design and construction. *Second semester, three credits. Prerequisite: FD 131.*

**FD 240** History of Apparel

Historical survey of dress from ancient Egypt to modern times. Style, appearance and design details studied as influenced by changes in history. *First semester, three credits.*

**FD 330** Apparel Construction III

Couture techniques applied to lined suit construction. Advanced skills include welt pockets, bound buttonholes and underlying structure in a tailored garment. *Second semester, three credits. Prerequisite: FD 131.*

**FD 335** Apparel Design II

Advanced study of garment design and fit. Independent design and construction of garments. *First semester, three credits. Prerequisite: FD 235.*

**FD 340** Textiles for the Consumer

Examination of fibers, weaves, finishes and manufacturing processes of the textile industry. Practical application of fabric names, uses and care. *Second semester, three credits.*

**FD 345** Computer Patternmaking

Working knowledge of pattern design using computer software. Patterns created, graded and design detail added using screen slopers. *First semester, three credits. Prerequisite: FD 335.*

**FD 360** Retail Merchandising

Concepts and methods used in retail merchandising are expanded. Development of knowledge and skills used in determining merchandising plans, inventory control techniques, calculating markups, and terms of sale as related to the fashion business. *First semester, three credits. Prerequisite: FD 220.*

**FD 430** Fashion Design Internship

Field work experience in an Fashion Design professional workplace. Faculty approval required. *Both semesters and summer, three credits.*

**FD 435** Apparel Design III

Principles and practices of stretch patternmaking through the development of slopers for knit fabrics. Construction techniques for knitwear applied to design projects. *Second semester, three credits. Prerequisite: FD 335.*

**GRAPHIC DESIGN****GrD 140** Design Technology I

An introduction to electronic publishing with an emphasis on designing, using Adobe Creative Suite page layout and vector-based drawing software. Rudimentary production and prepress skills developed through class time devoted to hands-on experience in design-oriented projects. *Both semesters, two credits.*

**GrD 141** Design Technology II

A study of the history and applications of the computer as it pertains to graphics. Course includes practical projects using Adobe Creative Suite image editing, page layout and drawing software packages. *Lecture and lab. Both semesters, three credits. Prerequisite: GrD 140.*

**GrD 160** Typography I

Study of historical development, type styles, principles of typography and letterform construction. Through lectures and studio work, emphasis is placed on the principles of problem solving relating to the technical and aesthetic use of both display and text type. *Second semester, two credits. Prerequisite: GrD 140.*

**GrD 224** Graphic Design Production

A comprehensive study of print production, with emphasis on digital composition and prepress. Development of basic skills in the materials and equipment used in the production of printed media. *First semester, two credits. Prerequisite: GrD 141.*

**GrD 308** Hand-Lettering

A study of principles/aesthetics that guide hand-lettering with practical experiments/projects. Includes foundational study of calligraphy, historical and contemporary usage, with particular emphasis on fusing mechanical and digital lettering. *Both semesters, two credits. Prerequisite: GrD 160.*

**GrD 321** Graphic Design I

Development of problem solving abilities with projects in visual aesthetics for the print media. Conceptualization through symbol and layout design. Analysis and criticism of the design image. *First semester, two credits. Prerequisite: GrD 160.*

**GrD 322** Graphic Design II

Exploration of individual design solutions through the integration of composition, type and image. Examination of form, message and the interface between the visual and communicative aspects of graphic design, incorporating digital technologies in preparation of comprehensives and press-ready electronic mechanicals. *Second semester, two credits. Prerequisite: GrD 321.*

**GrD 323** Typography II

Utilization of type and typographic principles through technology in various aesthetic, business and professional applications. Exploration of the creative use of letterforms in visual communication. *First semester, two credits.*

*Prerequisite: GrD 160.*

**GrD 325** Web Design I

Learn how to think about and build interactive user interfaces for the web using basic HTML, CSS and JavaScript.

*First semester, three credits. Prerequisite: GrD 141.*

**GrD 326** Web Design II

Learn how to design, test and prototype usable and attractive user interfaces for the web and apps. *Second semester, two credits. Prerequisite: GrD 325.*

**GrD 360** History of Graphic Design

An overview of the development of graphic imagery, design and printing from the Gutenberg era to the present age of computer graphics. *First semester, three credits.*

**GrD 410** Portfolio

Guidance in preparation and presentation of a portfolio with creative resume. Portfolio review with evaluation of studio work required for graduation. *Both semesters, two credits.*

*Prerequisite: GrD 322.*

**GrD 415** Graphic Design Internship

Evaluated work experience. Students will be placed in local business or industry for application of graphic design classroom skills with job responsibilities. *Both semesters, six credits. Prerequisite: GrD 322.*

## INTERIOR DESIGN

**ID 108** Introduction to Interior Design

Professional and personal qualifications of the interior designer. Introduction to communication methods used to produce presentation boards for clients, with emphasis on space planning, elements and principles of art, special considerations in the design field, and an overview of art and accessories for the interior space. *First semester, three credits.*

**ID 110** Basic Residential Drafting

The manual development of presentation drawings needed in the design and construction of new and existing buildings. Includes space planning in basic floor plans, space planning involved in furniture arrangement, elevation drawings, and an introduction to other types of drawings such as interior and exterior sections drawings. *First semester, three credits.*

**ID 120** Graphics for Interior Design I

Introduction to visual presentation strategies for interior designers. Coursework will include perspective sketching techniques, presentation materials and composition of presentations. Students will learn the technical skill sets of AutoCAD drafting software. *Second semester, three credits.*

*Prerequisite: ID 110.*

**ID 201** Sewing for Interior Design

An introduction to the sewing machine, sewing notions and equipment, fabrics and professional sewing techniques for interior design. Experiences include samples of various techniques used in designer bedding, table linens, window treatments and other designer details for any given setting. *Both semesters, three credits.*

**ID 210** Residential Interior Design

A project-based course which addresses specific design considerations of every room in residential construction. Approached from a paying customer's viewpoint as he or she works with the student designer on a whole-house design concept. *Second semester, three credits. Prerequisite: ID 108 and ID 110.*

**ID 240** Graphics for Interior Design II

An overview of 2-D and 3-D drawing and presentation software. Students will build on their AutoCAD skills and learn to create models using Revit Architecture rendering tools. *First semester, three credits. Prerequisite: ID 120.*

**ID 290** History of Interior Design

This course covers the development of architectural styles and the accompanying furniture and furnishings throughout the world from the earliest civilizations to the present time. *Second semester, three credits.*

**ID 302** Interior Design Workbench

An elective project-based course designed to teach some basic hands-on skills for the interior designer. In addition to presentation boards of designer window and/or bed treatments, other projects may include: designing and folding swags and jabots, upholstery projects (chair seats, headboards, ottomans), wiring lamps, designing and constructing one-of-a-kind lamp shades, trash-to-treasure projects, refinishing furniture and ceramic tile projects. *Second semester, three credits. Prerequisite: ID 201.*

**ID 320** Commercial Interior Design I

A study of the many design issues related to planning commercial interior facilities, including offices, retail facilities and institutional facilities. Design projects will be assigned. *First semester, three credits. Prerequisite: ID 108, ID 120 and ID 240.*

**ID 330** Commercial Interior Design II

A continuing study of the many design issues related to planning commercial interior facilities, including hospitality and health care facilities. Design projects will be assigned. *Second semester, three credits. Prerequisite: ID 108, ID 120 and ID 240.*

**ID 360** Building Systems & Codes

Designed to help the interior designer understand all of the issues inherent in the building of an energy-efficient, accessible, comfortable and safe building inside which human beings reside, play and work. It covers the broad categories of the building's environment, its structural systems, water supply, distribution and waste systems, thermal comfort, electrical and lighting systems, fire safety and acoustics. *First semester, three credits. Prerequisite: ID 110.*

**ID 370** Materials & Components of Interior Design

Exploration of the vast selection and specifications of construction and finish materials, as well as textiles for interior design. A house plan project with complete schedules of selected materials and components will be assigned. *Second semester, three credits. Prerequisite: ID 110.*

**ID 400** Interior Design Professional Practice

Designed to prepare interior design majors to become working interior designers. Deals with the business, legal and personal aspects of the interior design business. Also includes the design and creation of business cards and resumes, as well as a portfolio review. *First semester, three credits.*

**ID 410** Interior Lighting for the Interior Designer

Addresses quality lighting and lighting techniques and fixtures from an interior design perspective. The focus is on providing functional and aesthetically pleasing environments for clients while working through the design process. *First semester, three credits. Prerequisite: ID 120 and ID 240.*

**ID 420** Interior Design Internship

Open only upon recommendation of the department chairman. Place of internship will determine specific design experiences in which students will participate. *Both semesters and summer, three credits.*

**ID 430** Sustainable Design

A study of environmentally conscious design. Topics include the impact of systems and interior building materials on the health, safety and well-being of current and future generations of users. *Second semester, three credits. Prerequisite: ID 240 and ID 360.*

**ID 440** Interior Design Independent Study

An elective faculty-supervised project class for the advanced student. Offered on an as-needed basis with the approval of the Interior Design faculty. *Both semesters, three credits.*

## PHOTOGRAPHY

**Pho 100** Photography I

An introduction to photography fundamentals. Basic principles of photography will be taught with an emphasis on perceptual, technical and aesthetic skills. Regular photography assignments will be given. *Both semesters, three credits.*

**Pho 200** Photography II

A study into visual communication using the medium of digital photography. Emphasis on professional practices, as well as processing and enhancing digital files. Conceptually driven assignments will be given as well as instruction in building a portfolio of work. *Both semesters, three credits. Prerequisite: Pho 100.*

**Pho 300** Photojournalism

Exploration into documentary photography, emphasizing photojournalism and visual storytelling. Opportunities for students to put theoretical study into practice through weekly photo essay assignments that aid in the development of a relevant and cohesive portfolio of work. *Both semesters, three credits. Prerequisite: Pho 200.*

**Pho 301** The Art of Photography

Exploration of the photographic image as a personal artistic expression. Emphasis on the black and white image with location shooting assignments and digital photo manipulation (Photoshop, Lightroom). Course includes assembling and matting a body of work for presentation. *First semester, three credits. Prerequisite: Pho 200.*

**Pho 310** Advanced Photographic Lighting

A study of the characteristics and qualities of photographic light, both natural and artificial, and how they can be manipulated and controlled to communicate an artistic vision. Student will receive instruction and complete assignments in a working professional photo studio. *Second semester, three credits. Prerequisite: Pho 200.*

**Pho 401** Wedding Photography

Discussion of wedding photography is presented along with business concepts related to art for commerce, including finding and dealing with clients. A concentration on posing techniques and professional lighting gear, including multiple flash lighting techniques for individual, couple and group photographs both indoor and outdoor. Regular photography assignments will be given. *First semester, three credits. Prerequisite: Pho 310.*



**Pho 402** Portrait Photography

An exploration into the art of photographic portraiture. Students will examine and produce both retail and fine art portraits. Assignments will promote technical, perceptual, aesthetic and creative skills. *Second semester, three credits. Prerequisite: Pho 310.*

**Pho 403** Commercial Photography: Industrial

A concentration on lighting techniques and compositional guidelines in commercial photography, including controlled lighting techniques for textile, architecture and large product photography. Assignments will be photographed with perspective cameras, including a 4 x 5 view camera as well as a digital camera. In addition to completing personal projects,

students will complete group photographic assignments. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Pho 310.*

**Pho 404** Commercial Photography: Tabletop Product  
A concentration on lighting techniques and compositional guidelines in commercial photography, including controlled lighting techniques for small product photography. Assignments will be photographed with perspective cameras, including a 4 x 5 view camera as well as a digital camera. In addition to completing personal projects, students will complete group photographic assignments. *Second semester, even-numbered calendar years, three credits. Prerequisite: Pho 310.*

## DIVISION OF MUSIC

### MUSIC EDUCATION

**ME 211** Violin/Viola Class

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 391.*

**ME 212** Cello/Bass Class

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 391.*

**ME 213** Clarinet Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

**ME 214** Flute Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

**ME 215** Cornet Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

**ME 216** Trombone Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

**ME 217** Percussion Methods Class

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Both semesters, one credit. Corequisite: ME 392.*

**ME 219** Guitar Class

The fundamentals of guitar playing techniques useful in music classes; reading tablature notation, accompanying singing by ear and strumming patterns. *Open to Music Education majors only. Both semesters, one credit.*

**ME 222** Music for Exceptional Learners

A study of the characteristics of exceptional learners in order to determine the best possible music learning experiences within the boundaries of their exceptionality. Particular emphasis is given to research literature on exceptional learners. Musical activities are suggested and explored, and a practicum is required for each student. *Both semesters, two credits.*

**ME 301** Voice Methods for Choral Directors

Philosophy and methods for teaching vocal technique in a choral rehearsal. Topics include vocal pedagogy, choral blend and balance, rehearsal techniques and choral diction. Extensive in-class conducting. *First semester, two credits.*

*Prerequisite: MT 205.*

**ME 312** Double Reed Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. First semester, one credit. Corequisite: ME 392.*

**ME 313** Saxophone Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Second semester, one credit. Corequisite: ME 392.*

**ME 314** Euphonium/Tuba Class

An introduction to each instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. Second semester, one credit. Corequisite: ME 392.*

**ME 315** Horn Class

An introduction to the instrument with emphasis on practical playing experience. Materials and techniques for elementary and intermediate levels. Students enrolled in this class will also enroll in a one hour, no-credit lab practicum which meets once each week. *Open to Music Education majors only. First semester, one credit. Corequisite: ME 392.*

**ME 391** Lab Orchestra

Practical application of techniques and performance skills developed in string instrument classes. Students study and perform music from current string methods as well as beginning- and intermediate-level string ensemble literature. *Open to Music Education majors only. Both semesters, zero credit. Corequisite: one credit from ME 211 or ME 212.*

**ME 392** Lab Band

Practical application of techniques and performance skills developed in brass, woodwind and percussion instrument classes. Students study and perform music from current band methods as well as beginning- and intermediate-level band literature. *Open to Music Education majors only. Both semesters, zero credit. Corequisite: one credit from ME 213, ME 214, ME 215, ME 216, ME 217, ME 312, ME 313, ME 314 or ME 315.*

**ME 401** Instrumental Director Methods

Techniques needed by the band and orchestra director to establish and maintain the school instrumental program: recruiting, program organization, band budgeting and finance, instrument purchasing and repair, rehearsal procedure, concert programming, and planning physical facilities. Integrated laboratory experience in Lab Band or Lab Orchestra. *First semester, two credits. Corequisite: ME 391 or ME 392.*

**ME 402** Choral Director Methods

Techniques of choral ensemble development, organization and administration with attention to recruiting singers, audition procedures, rehearsal planning, developing ensembles, motivation and discipline, and promoting the values of choral participation to parents and administrators. *Second semester, two credits.*

**ME 501** MIDI & Digital Audio Production Techniques  
Advanced Musical Instrument Digital Interface (MIDI) sequencing techniques and an introduction to digital audio editing and production in Logic and Pro Tools environments. *Identical to MTc 501. Second semester, even-numbered calendar years, two credits. Prerequisite: Ed 381.*

**ME 502** Music Business

An examination of the design, implementation and operation of a professional music business (e.g., the traditional and internet-based private studio, music academy, recording studio, retail and freelance work). Topics include business planning, licensure, budgeting, technology, marketing, grant writing, publishing and copyright law. Students will develop and defend a business plan for their chosen music business. *Distance Learning only, two credits.*

**ME 503** Early Childhood Music Education

A survey of child development theories and the music acquisition process, birth to age nine. The influence of environment, play and movement on music acquisition will be studied through the examination of recent research, developmentally appropriate curricula, field observations and laboratory experiences. *Distance Learning only, three credits.*

**ME 505** Instrument Repair for School Musicians

A practical study of the tools, supplies, parts, techniques and resources used in the maintenance and repair of woodwind, brass and percussion instruments. *Two credits.*

**ME 510** History of American Music

Designed specifically for the practicing music educator, the course will explore the history of American music through style, historical context, structure, social significance and political impact. Students will complete a final project which connects their own teaching experiences and/or pedagogical concerns to a topic covered in the course. *Distance Learning only, three credits.*

**ME 511** World Music

Designed specifically for the practicing music educator, the course will provide a broad overview of musical traditions, styles, instruments and cultures from people around the world with the goal of informing curriculum design. *Distance Learning only, three credits.*

## DEPARTMENT OF MUSIC HISTORY & LITERATURE

**Mu 101** Introduction to Music Literature

A general survey of music literature leading to an understanding of the basic structures, forms and styles of music through examination of selected works from the major style periods, stressing listening, analysis and application of basic music theory. Open to music majors and minors. *Both semesters, two credits.*

**Mu 225** Appreciation of Music

Provides the necessary background for the appreciation of music by a general survey of aesthetic and formalistic principles in music and their sociological and historical implications. Guided listening. *Not applicable toward a major or minor. Both semesters, Distance Learning, two credits.*

**Mu 303** History of Music I

A survey of the development of Western music beginning with ancient music through the end of the Renaissance. Stylistic analysis of representative compositions from an aural and visual standpoint as well as music's relation to society and culture. *First semester, two credits. Prerequisite: MT 205 and Mu 101.*

**Mu 304** History of Music II

A continuing survey of the development of Western music beginning with the Baroque through classical periods. Stylistic analysis of representative compositions from an

aural and visual standpoint as well as music's relation to society and culture. *Second semester, two credits. Prerequisite: MT 205 and Mu 101.*

**Mu 305** History of Music III

A continuing survey of the development of Western music beginning with the Romantic through Contemporary musical styles. Stylistic analysis of representative compositions from an aural and visual standpoint as well as music's relation to society and culture. *Both semesters, three credits. Prerequisite: MT 205 and Mu 101.*

**Mu 400** Percussion Literature Survey

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

**Mu 401** String Literature Survey

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

**Mu 402** Woodwind Literature Survey

An introduction to representative solo and chamber literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

**Mu 403** Harp Literature Survey

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

**Mu 404** Voice Literature Survey

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Second semester, even-numbered calendar years, three credits. Prerequisite: MT 206.*

**Mu 405** Piano Literature Survey

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *First semester, odd-numbered calendar years, three credits. Prerequisite: MT 206.*

**Mu 406** Organ Literature Survey

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three credits. Prerequisite: MT 206.*

**Mu 407** Brass Literature Survey

An introduction to representative solo literature, student etudes and reference works for each brass instrument. *Three credits. Prerequisite: MT 206.*

**Mu 507** The Christian Musician

The development of a distinctly Christian philosophy of music based on and in agreement with Scripture. Readings in and examination of modern trends, styles and movements in secular and church music in the light of Scripture. *Second semester, one credit.*

**Mu 508** Research & Writing in Music

An introduction to research and writing techniques in music. Emphasis on musical analysis and description and investigation of appropriate sources. *First semester, two credits.*

**Mu 509** Introduction to Chamber Music

An introduction to chamber music stressing topics such as technical demands of ensembles, survey of important repertoire, rehearsal techniques and communication, intonation, programming and stage deportment. Chamber groups and repertoire assigned and/or approved by the instructor. Performance opportunities provided. *Second semester, odd-numbered calendar years, one credit.*

## DEPARTMENT OF MUSIC THEORY & TECHNOLOGY

### MUSIC TECHNOLOGY

**MTc 201** Introduction to Music Technology

An overview of the musician's use of technology, including general computer and internet awareness, productivity software, MIDI sequencing, basic digital audio recording and editing, notation software and computer-assisted instruction. Applications include Microsoft Office Suite, Audacity, Logic and Finale. *Both semesters, one credit. Prerequisite: MT 106 and Mu 101.*

**MTc 202** Notation in Music Technology

Fundamentals of music typesetting including an overview of standard notation programs for the computer, with an emphasis on Finale. *First semester, two credits. Prerequisite: MTc 201.*

**MTc 501** MIDI & Digital Audio Production Techniques  
Advanced Musical Instrument Digital Interface (MIDI) sequencing techniques and an introduction to digital audio editing and production in Logic and Pro Tools environments. *Identical to ME 501. Second semester, even-numbered calendar years, two credits. Prerequisite: MTc 201.*

## MUSIC THEORY

**MT 098** Fundamentals of Music

Rudiments of music including note identification, rhythm, time signatures, key signatures and the basics of song leading. *Required of students who did not pass the Music Qualifying Test. Both semesters, zero credit.*

**MT 099** Rudiments of Music

Intensified review of music fundamentals: key signatures, scales, intervals, triads and inversions. Also includes fundamental aural skills. Open to Theory I students who did not pass the Music Fundamentals Test. Meets for six weeks, three times a week. *First semester, zero credit. Corequisite: MT 105.*

**MT 105** Theory I

Accelerated review of music fundamentals. Introduction to tonality, including partwriting, voice leading and in-depth discussion of tonic and dominant functions. Integrated approach includes analysis, writing, sight-singing, listening and dictation. *First semester, four credits.*

**MT 106** Theory II

Continued study of tonality from harmonic and linear perspectives, including pre-dominant functions, the phrase model and common diatonic harmonic functions. Introduction to phrase-level form, harmonic sequences and chromaticism (applied dominants and tonicization). Integrated approach includes analysis, writing, sight-singing, listening and dictation. *Second semester, four credits. Prerequisite: MT 105.*

**MT 205** Theory III

Continued study of tonality from harmonic and linear perspectives, tracing chromaticism from basic modulations through advanced chromaticism of the 19th century, tonal ambiguity and the twilight of tonality. Includes discussion of major tonal forms. Integrated approach includes analysis, writing, sight-singing and dictation. *Lecture and lab. First semester, four credits. Prerequisite: MT 106.*

**MT 211-281** Private Composition for the Non-Major  
*Both semesters, one credit. Prerequisite: Composition Audition*

**MT 206** Theory IV

Introduction to post-tonal music theory. Emphasis on analytical techniques, including basic terms and operations of set theory. Integrated approach includes analysis, writing, sight-singing, listening and dictation. *Lecture and lab. Second semester, four credits. Prerequisite: MT 205.*

**MT 301** Elements of Conducting

Introduction to basic choral and instrumental conducting. Development of hand independence and baton technique through extensive in-class conducting. *Both semesters, one credit. Prerequisite: MT 106.*

**MT 302** Choral Conducting

Development of conducting techniques necessary to interpret choral literature from five style periods. Includes score analysis, rehearsal technique and extensive in-class conducting. *Lecture and lab. Second semester, two credits. Prerequisite: MT 301.*

**MT 303** Instrumental Conducting

Instrumental conducting and score-reading techniques and rehearsal procedures. Acquainting the student with instrumental repertoire and practical experience in conducting compositions for small ensembles, band and orchestra. *Second semester, two credits. Prerequisite: MT 206 and MT 301.*

**MT 409** Form & Analysis

Application of terms, concepts and perspectives from Theory I-IV toward insightful, higher-level analysis and theorizing about music. Synthesis of formal analysis, stylistic/critical analysis and other analytical approaches. *Second semester, two credits. Prerequisite: MT 206.*

**MT 499** Theory Review

Accelerated review of the elements and principles of musical composition of the common practice era, including application of aural skills. Introduction to key current perspectives in graduate-level theory and analysis. Review class for graduate studies. *Credit not applicable toward any degree. First semester, even-numbered calendar years, two credits.*

**MT 501** Eighteenth-Century Counterpoint

Analysis of contrapuntal writings of the outstanding composers of the 18th century. Writing of counterpoint in two voices. Concentration on the chorale prelude, two-part invention and fugue. *Both semesters, two credits. Prerequisite: MT 206.*

**MT 502** Choral Composition

Foundational elements of writing choral music. Listening, reading, singing and analysis of model compositions. Applicable readings and exercises. *First semester, two credits. Prerequisite: MT 206.*

**MT 504** Orchestration

Band and orchestral instruments, their ranges, technical and sonorous advantages and limitations, transpositions and place in the score. Extensive practice in arranging technique. *First semester, two credits. Prerequisite: MT 206.*

**MT 506** Introduction to Schenkerian Analysis

Analysis of selected masterworks from Bach to Brahms using techniques developed by Heinrich Schenker, with emphasis on aural comprehension of voice leading. *First semester, odd-numbered calendar years, two credits. Prerequisite: MT 501.*

**MT 507** Basic Composition

Foundational elements of composition. Exploration of various facets of creativity and craft. Listening, singing and analysis of model compositions. Applicable readings and composition exercises. *Second semester, two credits. Prerequisite: MT 501.*

**MT 508** Analytic Techniques for Modern Music

A study of the materials and techniques of art music of the twentieth and twenty-first centuries. *Second semester, odd-numbered calendar years, two credits.*

**DEPARTMENT OF CHURCH MUSIC****SM 100** Church Music Administration I

A study of the philosophy, organization, leadership and resources for using music in the ministry of the local church. Emphasis on criteria for leadership, music in ministry, congregational singing, the copyright law and service planning. *Second semester, two credits.*

**SM 101** Hymn Reading

Reading of gospel songs and hymns and simple improvisation. *Both semesters, one credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

**SM 102** Hymn Reading

Reading of gospel songs and hymns and simple improvisation. *Both semesters, one credit. Prerequisite: SM 101.*

**SM 103** Hymn Improvisation Class

Sight-reading of gospel songs and hymns, chord formation, improvisation and transposition. Emphasis on congregational accompaniment techniques. Fundamentals of solo arrangements. *Both semesters, one credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

**SM 104** Hymn Improvisation Class

Sight-reading of gospel songs and hymns, chord formation, improvisation and transposition. Emphasis on congregational accompaniment techniques. Fundamentals of solo arrangements. *Both semesters, one credit. Prerequisite: SM 103.*

**SM 211-281** Private Hymn Improvisation

Sight-reading of gospel songs and hymns, transposition, improvisation and advanced congregational accompaniment techniques. Solo arranging, vocal solo accompaniment and prelude planning. *One credit. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

**SM 301** Church Music Administration II

A study of the philosophy, organization, leadership and resources for using music in the ministry of the local church. Emphasis on vocal solos, small vocal ensembles, adult choir and the music library. *First semester, two credits. Prerequisite: SM 100.*

**SM 302** Church Music Administration III

A study of the philosophy, organization, leadership and resources for using music in the ministry of the local church. Emphasis on children's choirs, piano, organ, orchestral instruments, handbells and topical/seasonal services. *Second semester, two credits. Prerequisite: SM 301.*

**SM 307** Congregational Song Leading

The application of conducting techniques to congregational singing; the choosing of hymns and gospel songs for evangelistic musical programs; platform techniques. *Lecture and lab. Second semester, one credit. Corequisite: SM 390.*

**SM 491** Church Music Practicum

Guided experience in administering and directing the music ministry in a local church; supervised by a qualified music director or pastor in a church. *First semester, zero credit. Prerequisite: MT 301, SM 302 and SM 307.*

**SM 492** Church Music Practicum

Guided experience in administering and directing the music ministry in a local church; supervised by a qualified music director or pastor in a church. *Second semester, zero credit. Prerequisite: MT 301, SM 302 and SM 307.*

**SM 503** Hymnology

The history and development of the hymn and hymn tune, types of hymns and their uses, and analysis and interpretation of hymns and gospel songs. Standard hymnals reviewed. *First semester, three credits.*

## DEPARTMENT OF VOCAL STUDIES

**Vo 099** Voice Performance Class

Performance opportunities, masterclasses, special lectures for undergraduate majors, principals, minors and non-majors. *Both semesters, zero credit.*

**Vo 101–104** Voice Class

These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Both semesters, one credit. Prerequisite: Voice Audition.*

**Vo 211–281** Private Voice Instruction for the Non-Major

*Both semesters, one credit. Prerequisite: Voice Audition. Corequisite: Vo 099.*

**Vo 311–381** Private Instruction for the Voice Minor

*Both semesters, one credit. Prerequisite: Voice Audition. Corequisite: Vo 099.*

**Vo 400** Voice Pedagogy I

Materials, methods and procedures used in the teaching of the basic principles of vocal production as applied to the individual and to groups. Posture breathing, tone, diction and phrasing. *First semester, two credits.*

**Vo 401** Voice Pedagogy II

A study of the procedures used in the teaching of the fundamentals of vocal production with an emphasis on supervised, clinical teaching experiences. Observation of voice classes and private lessons. *Second semester, odd-numbered calendar years, two credits.*

**Vo 411–422** Freshman Voice

Correct breathing and tone production, simple vocalises, principles of phonetics as applied to singing and simple songs in Italian or English. *Both semesters, one credit. Prerequisite: Voice Audition. Corequisite: Vo 099.*

**Vo 431–442** Sophomore Voice

Principles of song projection and stage deportment; vocalises of medium difficulty; songs of the old Italian classics, early French, German lieder and Old English; and simple operatic arias. A short recital is presented during the fourth semester. *Both semesters, one credit. Prerequisite: Vo 421 or Vo 422. Corequisite: Vo 099.*

**Vo 451–462** Junior Voice

Vocalises; operatic arias—French, German or Italian, selections from the lighter oratorios and cantatas; and English songs of medium difficulty. Preparation for senior recital. *Both semesters, one credit. Prerequisite: Vo 441 or Vo 442. Corequisite: Vo 099.*

**Vo 471–483** Senior Voice

More difficult operatic arias; selections from the heavier works of oratorio; modern English songs; and senior recital presenting selections from the Italian, French or German schools, and Old English and Modern English. *Both semesters, one credit. Prerequisite: Vo 461 or Vo 462. Corequisite: Vo 099.*

**Vo 503** Opera Workshop I

A vocal drama workshop developing the singer's ability to communicate the dramatic content inherent in all vocal music. Use of overtly dramatic material such as opera arias, ensembles, and scenes, and including dramatization of appropriate secular and sacred solo literature. *First semester, two credits.*

**Vo 504** Opera Workshop II

A continuation of the vocal drama workshop developing the singer's ability to communicate the dramatic content inherent in all vocal music. Use of overtly dramatic material such as opera arias, ensembles and scenes, and including dramatization of appropriate secular and sacred solo literature. *First semester, two credits. Prerequisite: Vo 503.*

**Vo 506** Diction for Singers

The fundamentals of French, German, Italian and Church Latin diction and their application in the pronunciation of song texts from the standard vocal repertoire. *Second semester, even-numbered calendar years, three credits.*

## DEPARTMENT OF KEYBOARD STUDIES

### ORGAN

**Or 099** Organ Performance Class

Performance opportunities, masterclasses, special lectures for undergraduate majors, principals, minors and non-majors. *Both semesters, zero credit.*

**Or 211–281** Private Organ Instruction for the Non-Major  
Text: Davis: The Organist's Manual. *Both semesters, one credit. Prerequisite: Organ Audition. Corequisite: Or 099.*

**Or 311–381** Private Instruction for the Organ Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Organ Audition. Corequisite: Or 099.*

**Or 400** Organ Pedagogy

General principles of teaching organ (methods, materials, techniques), basic repertoire, as well as music terminology and pipe organ maintenance. Directed teaching under the supervision of an instructor. *Two credits.*

**Or 411–422** Freshman Organ

Text: Davis: The Organist's Manual, Bach: Short Preludes and Fugues, Chorales from the Orgelbuchlein; selected works from Romantic and 20th-century composers; hymns. *Both semesters, one credit. Prerequisite: Organ Audition. Corequisite: Or 099.*

**Or 431–443** Sophomore Organ

Bach: selected preludes and fugues, Chorales from the Orgelbuchlein; Brahms: Chorale Preludes; Franck: Prelude, Fugue and Variation; additional works from Romantic and 20th-century composers. *Both semesters, one credit. Prerequisite: Or 421 or Or 422. Corequisite: Or 099.*

**Or 451–463** Junior Organ

Representative pieces of the pre-Bach era; Bach: Preludes and Fugues in F minor, C minor, B minor; Franck: Chorales; Vierne: selected movements from the organ symphonies; additional works from Romantic and 20th-century composers; preparation and presentation of the junior recital. *Both semesters, one credit. Prerequisite: Or 441, Or 442 or Or 443. Corequisite: Or 099.*

**Or 471–483** Senior Organ

Representative works of the pre-Bach composers; Bach: Trio Sonatas, Preludes and Fugues in D major, G major, A minor, E-flat major, chorale preludes from the Great Eighteen, Schubler or Clavier-Übung, Part III; Mendelssohn: Sonatas; Saint-Saens: Preludes and Fugues; additional works from Romantic and 20th-century composers; preparation and presentation of the senior recital. *Both semesters, one credit. Prerequisite: Or 461, Or 462 or Or 463. Corequisite: Or 099.*

**Or 501** Service Playing

Sight-reading of hymns; transposition; figured bass; improvisation; modulation; solo, anthem and congregational accompaniment; practical experience. *Two credits.*

### PIANO

**Pi 099** Piano Symposium

Performance opportunities, masterclasses, special lectures for undergraduate majors and principals. *Both semesters, zero credit.*

**Pi 101–105** Piano Classes for the Non-Major  
These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Both semesters, one credit. Prerequisite: Piano Audition.*

**Pi 196–199** Piano Classes for Voice & Orchestral  
Instrument Majors or Principals  
For music majors preparing for the secondary proficiency examination in piano. *Both semesters, one credit. Prerequisite: Piano Audition.*

**Pi 211–281** Private Piano Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Piano Audition.*

**Pi 311–381** Private Instruction for the Piano Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Piano Audition.*

**Pi 411–423** Freshman Piano  
Acquiring sound, authoritative techniques and careful study of performance of suitable compositions from the Baroque, Classical, Romantic and 20th-century style periods. *Both semesters, one credit. Prerequisite: Piano Audition. Corequisite: Pi 099.*

**Pi 431–443** Sophomore Piano

A continuation and intensification of the work described under Pi 411–422. *Both semesters, one credit. Prerequisite: Pi 421 or Pi 422. Corequisite: Pi 099.*

**Pi 451–463** Junior Piano

Classic piano works; preparation and presentation of the junior recital. *Both semesters, one credit. Prerequisite: Pi 441, Pi 442 or Pi 443. Corequisite: Pi 099.*

**Pi 471–483** Senior Piano

Preparation and presentation of senior recital, consisting of such representative compositions as Bach: Prelude and Fugue from the Well-Tempered Clavier; Beethoven: Sonata, Op. 81A; Schumann: Fantasy Pieces; Chopin: Nocturnes or Polonaises; and Debussy: Images. Advanced accompanying. *Both semesters, one credit. Prerequisite: Pi 461, Pi 462 or Pi 463. Corequisite: Pi 099.*

## PIANO PEDAGOGY

**PPd 201** Graded Piano Literature I

Analysis of elementary through lower-intermediate piano literature. Comparison and evaluation of the best piano series currently available. *First semester, two credits. Prerequisite: MT 106.*

**PPd 202** Graded Piano Literature II

Analysis of upper-intermediate and advanced piano literature. *Second semester, two credits. Prerequisite: PPD 201.*

**PPd 301** Piano Intern Instruction I

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *First semester, one credit. Prerequisite: PPD 201.*

**PPd 302** Piano Intern Instruction II

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Second semester, one credit. Prerequisite: PPD 301.*

**PPd 401** Piano Intern Instruction III

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *First semester, two credits. Prerequisite: PPD 302.*

**PPd 402** Piano Intern Instruction IV

Observation of master teachers and teaching of piano students in group and private settings under faculty guidance. *Second semester, two credits. Prerequisite: PPD 401.*

**PPd 403** Piano Pedagogy for the Group Instructor  
Principles of group piano instruction. A survey of contemporary methods and practical experience in the electronic piano laboratory. *Second semester, two credits. Prerequisite: MT 106.*

**PPd 501** Piano Pedagogy for the Private Instructor  
Principles of good piano teaching as they apply to the private lesson. A survey of approaches to teaching keyboard, learning theory and application of that theory in practical setting, performance practice, business procedures for a successful studio and effective studio policies. *First semester, three credits. Prerequisite: MT 106.*

## DEPARTMENT OF INSTRUMENTAL STUDIES

### BASSOON

**Bsn 211–281** Bassoon Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Bassoon Audition.*

**Bsn 311–381** Private Instruction for the Bassoon Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Bassoon Audition.*

**Bsn 411–483** Freshman to Senior Bassoon

A progressive study of the various aspects of bassoon performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, reed-making and adjusting, bocal selection, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Weissenborn, Milde and Gambaro; orchestral studies of Stadio and Dherin; solo and chamber literature of all style periods using the music of such composers as Vivaldi, Galliard, Mozart, Weber, Saint-Saens, Hindemith and Jacob; junior and senior recitals. *Both semesters, one credit. Prerequisite: Bassoon Audition.*

### BRASS PEDAGOGY

**Br 400** Brass Pedagogy  
Materials, methods and teaching techniques for private and group instruction. Practical experience through private study on all brasses and supervised teaching and observation on the precollege level. *Two credits.*



## CELLO

### **Cel 101** Cello Class

These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Both semesters, one credit. Prerequisite: Cello Audition.*

**Cel 211–281** Cello Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Cello Audition.*

**Cel 311–381** Private Instruction for the Cello Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Cello Audition.*

**Cel 411–422** Freshman Cello  
Scales, arpeggios; attention to all technical deficiencies; Duport or Schroeder etudes; Vivaldi, Handel, Eccles or Mendelssohn sonata; pieces by Bach, Faure, Popper, Granados and Nin. *Both semesters, one credit. Prerequisite: Cello Audition.*

**Cel 431–442** Sophomore Cello  
Scales, arpeggios; Gruetzmacher or Piatti etudes; Grieg, Haydn or Boccherini sonata; J. C. Bach, Lalo or Schumann concerto; pieces by Tartini, Chopin, Rachmaninoff and Bloch. *Both semesters, one credit. Prerequisite: Cel 421 or Cel 422.*

**Cel 451–463** Junior Cello  
Scales, arpeggios; Piatti or Franchomme etudes; Bach, Schubert, Beethoven or Brahms sonata; Boccherini, Saint-Saens or Elgar concerto; pieces by Cassado, Scriabin, Schumann and Bruch; technique test; junior recital. *Both semesters, one credit. Prerequisite: Cel 441, Cel 442 or Cel 443.*

**Cel 471–483** Senior Cello  
Scales, arpeggios; Franchomme or Popper etudes; pieces by Chopin, Locatelli, Kodaly or Bach unaccompanied sonata; Dvorak, Haydn or Khachaturian concerto; pieces by Frescobaldi, Schumann, Weber and Tchaikovsky; senior recital. *Both semesters, one credit. Prerequisite: Cel 461, Cel 462 or Cel 463.*

## CLARINET

**Cl 211–281** Clarinet Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Clarinet Audition.*

**Cl 311–381** Private Instruction for the Clarinet Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Clarinet Audition.*

**Cl 411–483** Freshman to Senior Clarinet  
A progressive study of the various aspects of clarinet performance including embouchure, breathing, tone

production, finger technique, intonation, tonguing, transposition, mouthpiece selection, reed selection and adjustment, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Baermann, Rose, Uhl and Jeanjean; orchestral studies of McGinnis and Drucker; solo and chamber literature of all style periods using the music of such composers as Stamitz, Mozart, Weber, Brahms, Debussy and Martinu; junior and senior recitals. *Both semesters, one credit. Prerequisite: Clarinet Audition.*

## DOUBLE BASS

**StB 211–281** Double Bass Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Double Bass Audition.*

**StB 311–381** Private Instruction for the Double Bass Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Double Bass Audition.*

**StB 411–483** Freshman to Senior Double Bass  
Study in all phases of performance; technical studies; solo literature from the standard repertoire; ensemble and orchestra repertoire. *Both semesters, one credit. Prerequisite: Double Bass Audition.*

## EUPHONIUM

**Eu 211–281** Euphonium Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Euphonium Audition.*

**Eu 311–381** Private Instruction for the Euphonium Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Euphonium Audition.*

**Eu 411–483** Freshman to Senior Euphonium  
A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies from Remington and Colin; etudes and technical studies by Slama, Kopprasch, Fink, Rochut, Arban and Clarke; clef studies; solo literature of all style periods selected from the trombone and cornet literature; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one credit. Prerequisite: Euphonium Audition.*

## FLUTE

### Fl 101 Beginning Flute Class

These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *One credit. Prerequisite: Flute Audition.*

### Fl 211–281 Flute Instruction for the Non-Major

*Both semesters, one credit. Prerequisite: Flute Audition.*

### Fl 311–381 Private Instruction for the Flute Minor

Principal instrument only. *Both semesters, one credit. Prerequisite: Flute Audition.*

### Fl 411–483 Freshman to Senior Flute

A progressive study of the various aspects of flute performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Moyse, Andersen, Taffanel-Gaubert, Karg-Elert and Genzmer; orchestral studies of Wummer and Smith; solo and chamber literature of all style periods using the music of such composers as J. S. Bach, Mozart, Reinecke, Poulenc and Hindemith; junior and senior recitals. *Both semesters, one credit. Prerequisite: Flute Audition.*

## GUITAR

### Gtr 411–483 Freshman to Senior Guitar

A progressive study in all phases of classical guitar performance with an emphasis on finger independence, preparation and tone production. This includes in-depth study in all aspects of technique through the use of extensive repertoire written or transcribed for the classical guitar. *Both semesters, one credit. Prerequisite: Guitar Audition.*

## HARP

### Hrp 211–281 Harp Instruction for the Non-Major

*Both semesters, one credit. Prerequisite: Harp Audition.*

### Hrp 311–381 Private Instruction for the Harp Minor

Principal instrument only. *Both semesters, one credit. Prerequisite: Harp Audition.*

### Hrp 401 Harp Pedagogy

General principles of teaching harp (methods, materials, techniques), basic repertoire, as well as music terminology and harp maintenance. *Two credits.*

### Hrp 411–483 Freshman to Senior Harp

A progressive study of the various aspects of harp performing including technique studies, articulation, dynamics, phrasing and performance skills. Major composers for harp such as Salzedo, Grandjany, Renie and Parish Alvers will be studied. *Both semesters, one credit. Prerequisite: Harp Audition.*

## HORN

### Hn 211–281 Horn Instruction for the Non-Major

*Both semesters, one credit. Prerequisite: Horn Audition.*

### Hn 311–381 Private Instruction for the Horn Minor

Principal instrument only. *Both semesters, one credit. Prerequisite: Horn Audition.*

### Hn 411–483 Freshman to Senior Horn

A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies by Singer; etudes and technical studies by Gallay, Kopprasch, Franz, Maxime-Alphonse and Reynolds; solo literature of all style periods by such representative composers as Haydn, Mozart, Beethoven, Schumann, Saint-Saens, Strauss, Dukas, Boza and Hindemith; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one credit. Prerequisite: Horn Audition.*

## OBOE

### Ob 211–281 Oboe Instruction for the Non-Major

*Both semesters, one credit. Prerequisite: Oboe Audition.*

### Ob 311–381 Private Instruction for the Oboe Minor

Principal instrument only. *Both semesters, one credit. Prerequisite: Oboe Audition.*

### Ob 411–483 Freshman to Senior Oboe

A progressive study of the various aspects of oboe performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, reed-making and adjusting, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Barrett, Salviani, Ferling and Singer; orchestral studies of Rothwell and Heinze; solo and chamber literature of all style periods using the music of such composers as Telemann, Handel, Schumann, Saint-Saens, Hindemith and Poulenc; junior and senior recitals. *Both semesters, one credit. Prerequisite: Oboe Audition.*

## PERCUSSION

**Per 211–281** Percussion Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Percussion Audition.*

**Per 311–381** Private Instruction for the Percussion  
Minor

Principal instrument only. *Both semesters, one credit.*  
*Prerequisite: Percussion Audition.*

**Per 401** Percussion Pedagogy

Materials, methods and teaching techniques for private and group instruction. Practical experience through private study on all percussion instruments and supervised teaching and observation on the precollege level. *Two credits.*

**Per 411–483** Freshman to Senior Percussion

A progressive study in all phases of performance with emphasis on orchestral technique: snare drum (studies from Harr, Cirone, Payson, Goldenberg and Delecluse), Timpani (studies from Goodman and Whaley), and Mallets (studies from Musser, Stevens, Goldenberg, Stout and others); solo repertoire by such representative composers as Vivaldi, Bach, Handel, Varese, Colgrass, Musser, Carter, Kraft and Stout; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one credit. Prerequisite: Percussion Audition.*

## SAXOPHONE

**Sax 211–281** Saxophone Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Saxophone Audition.*

**Sax 311–381** Private Instruction  
for the Saxophone Minor

Principal instrument only. *Both semesters, one credit.*  
*Prerequisite: Saxophone Audition.*

**Sax 411–483** Freshman to Senior Saxophone

A progressive study of the various aspects of saxophone performance including embouchure, breathing, vibrato, tone production, finger technique, intonation, tonguing, altissimo register, mouthpiece selection, reed selection and adjustment, articulation, dynamics, phrasing and styling using the methods and studies of such composers as Rascher, Mule, Teal, Ferling and Karg-Elert; orchestral studies of Ronkin-Fracotti; solo and chamber literature of all style periods using the music of such composers as Handel, Eccles, Glazounov, Ibert, Heiden and Creston; junior and senior recitals. *Both semesters, one credit. Prerequisite: Saxophone Audition.*

## STRING PEDAGOGY

**SPd 403** String Pedagogy I

A survey of practical approaches of string teaching of beginning to early intermediate level students. Pedagogical principles of proper posture and hold, hand positioning, fundament bowings, foundational shifting skills and vibrato will be studied as well as appropriate literature and etude books. In-class teaching demonstration assignments and observation will be required as a means to develop critical thinking and problem solving skills when teaching. *First semester, even-numbered calendar years, two credits. Prerequisite: MT 206.*

**SPd 404** String Pedagogy II

A continuation of practical approaches of string teaching of intermediate to advanced level students. Complex bowing techniques and left hand skills required for standard intermediate and advanced etudes and literature will be studied. In addition, students will examine means to injury prevention and wellness, as well as instrument assessment and repair. Observation of private string teaching required. *Second semester, odd-numbered calendar years, two credits. Prerequisite: SPd 403.*

## TROMBONE

**Tbn 211–281** Trombone Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Trombone Audition.*

**Tbn 311–381** Private Instruction for the Trombone  
Minor

Principal instrument only. *Both semesters, one credit.*  
*Prerequisite: Trombone Audition.*

**Tbn 411–483** Freshman to Senior Trombone

A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies from Remington and Colin; etudes and technical studies by Slama, Tyrrell, Kopprasch, Fink, Rochut, Blazevich, Gillis and Bitsch; clef studies; solo literature of all style periods by such representative composers as Vivaldi, Galliard, Telemann, Bach, Mozart, Cords, Guilmant, David, Grafe, Pryor, Barat, Bozza, Casterade, Hindemith and Jacob; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one credit. Prerequisite: Trombone Audition.*

## TRUMPET

**Tr 211–281** Trumpet/Cornet Instruction  
for the Non-Major

*Both semesters, one credit. Prerequisite: Trumpet or Cornet Audition.*

**Tr 311–381** Private Instruction for the Trumpet/  
Cornet Minor

Principal instrument only. *Both semesters, one credit. Prerequisite: Trumpet or Cornet Audition.*

**Tr 411–483** Freshman to Senior Trumpet

A progressive study of all areas of performance with emphasis on correct breathing, tone, and embouchure development; scales, arpeggios, flexibility studies from Davidson, Schlossberg, Irons, Colin; etudes and technical studies by Clarke, Arban, Concone; transposition by Caffarelli and Bordogni; solo literature of all style periods by such representative composers as Purcell, Telemann, Handel, Albinoni, Neruda, Hummel, Haydn, Barat, Clarke, Goedicke, Kennan and Artunian; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one credit. Prerequisite: Trumpet or Cornet Audition.*

## TUBA

**Tu 211–281** Tuba Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Tuba Audition.*

**Tu 311–381** Private Instruction for the Tuba Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Tuba Audition.*

**Tu 411–483** Freshman to Senior Tuba

A progressive study in all phases of performance with emphasis on correct breathing, tone, and embouchure development; scales, arpeggios, flexibility studies from Bell and Blazevich; etudes and technical studies by Slama, Tyrrell, Koppasch, Cimera, Kuehn, Blazevich and Arban; solo literature of all style periods by such representative composers as Bach, Marcello, Handel, Vaughan Williams, Barat, Haddad, Hartley and Hindemith; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one credit. Prerequisite: Tuba Audition.*

## VIOLA

**Vla 211–281** Viola Instruction for the Non-Major  
*Both semesters, one credit. Prerequisite: Viola Audition.*

**Vla 311–381** Private Instruction for the Viola Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Viola Audition.*

**Vla 411–422** Freshman Viola

Scales, arpeggios; attention to all technical deficiencies; etudes and technical studies from Carl Flesch, Kayser, Bruni, Kreuz and Mazas; sonatas, concertos and other repertoire by Marcello, Vivaldi, J. S. Bach, Handel, Telemann, Stamitz, Rachmaninoff, Debussy and Vaughan Williams. *Both semesters, one credit. Prerequisite: Viola Audition.*

**Vla 431–422** Sophomore Viola

Scales, arpeggios; etudes and technical studies from Mazas, Dreuz, Hoffmann, Kreutzer and Fuchs; sonatas, concertos and other repertoire by J.S. Bach, J. C. Bach, Vivaldi, Haydn, Stamitz, Handel, Hoffmeister, Leclair, Corelli, Eccles, Tchaikovsky, Schumann and Faure. *Both semesters, one credit. Prerequisite: Vla 421 or Vla 422.*

**Vla 451–463** Junior Viola

Scales, arpeggios; etudes and technical studies from Hermann, Mazas and Kreutzer; sonatas, concertos and other repertoire by J. S. Bach, Locatelli, Veracini, Beethoven, Brahms, Schubert, Bruch, Britten, Bloch, Enesco, Bowen and Bax; technique test; junior recital. *Both semesters, one credit. Prerequisite: Vla 441, Vla 442 or Vla 443.*

**Vla 471–483** Senior Viola

Scales, arpeggios; etudes and technical studies from Palaschko, Campagnoli, Rode; sonatas, concertos, and other repertoire by J. S. Bach, Mozart, Brahms, Fuchs, Benjamin, Hovhaness, Milhaud and Walton; senior recital. *Both semesters, one credit. Prerequisite: Vla 461, Vla 462 or Vla 463.*

## VIOLIN

**Vi 101–104** Violin/Viola Class

These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Both semesters, one credit. Prerequisite: Violin Audition.*

**Vi 211–281** Violin Instruction for the Non-Major  
Both semesters, one credit. *Prerequisite: Violin Audition.*

**Vi 301** Orchestral Repertoire I  
Acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. *First semester, even-numbered calendar years, one credit.*

**Vi 302** Orchestral Repertoire II  
A continuation of acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. *Second semester, odd-numbered calendar years, one credit.*

**Vi 311–381** Private Instruction for the Violin Minor  
Principal instrument only. *Both semesters, one credit. Prerequisite: Violin Audition.*

**Vi 411–422** Freshman Violin  
Scales, arpeggios; attention to all technical deficiencies; etudes and technical studies from Carl Flesch, Kayser, Mazas, Kreutzer and Sevcik; sonatas, concertos and other repertoire by Handel, Mozart, Schubert and old Italian masters in addition to other classical composers. *Both semesters, one credit. Prerequisite: Violin Audition.*

**Vi 431–442** Sophomore Violin  
Scales, arpeggios; etudes and technical studies from Kreutzer, Fiorillo and Sevcik; sonatas, concertos and other repertoire by Bach, Handel, Mozart, Vivaldi and Schubert in addition to other classical and modern composers. *Both semesters, one credit. Prerequisite: Vi 421 or Vi 422.*

**Vi 451–463** Junior Violin  
Scales, arpeggios; etudes and technical studies from Kreutzer, Fiorillo and Dant; sonatas, concertos and other repertoire by Bach, Handel, Mozart, Beethoven, Brahms, Grieg, Lalo and Vieuxtemps in addition to other classical and modern composers; technique test; junior recital. *Both semesters, one credit. Prerequisite: Vi 441, Vi 442 or Vi 443.*

**Vi 471–483** Senior Violin  
Scales, arpeggios; etudes and technical studies from Kreutzer, Fiorillo, Dant and Rode; sonatas, concertos, and other repertoire by Bach, Mozart, Beethoven, Grieg, Brahms, Franck, Lalo, Mendelssohn, Bruch, Wieniawski, Vieuxtemps and Barber; senior recital. *Both semesters, one credit. Prerequisite: Vi 461, Vi 462 or Vi 463.*

## WOODWIND PEDAGOGY

**WW 401** Woodwind Pedagogy I  
In-depth study of materials, methods, and techniques used in teaching woodwind instruments on beginning, intermediate and advanced levels. Directed teaching under supervision of an instructor. *First semester, odd-numbered calendar years, two credits.*

**WW 402** Woodwind Pedagogy II  
A continuation of the study of materials, methods and techniques used in teaching woodwind instruments on beginning, intermediate and advanced levels. Directed teaching under the supervision of an instructor. *Second semester, even-numbered calendar years, two credits. Prerequisite: WW 401.*

## DIVISION OF COMMUNICATION

### DEPARTMENT OF COMMUNICATION STUDIES/ DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

#### **Com 101** Fundamentals of Speech

The basic principles of public speaking with special emphasis on platform techniques and a study of the different types of speech. *Not applicable toward a major or minor.*  
*Both semesters, Distance Learning, three credits.*

#### **Com 200** Fundamentals of Broadcasting

A survey of electronic media and production methods. Practical experience in performing, creating and editing audio and video content for broadcast, websites and consumer media. *Lecture and lab. First semester, three credits.*

#### **Com 201** Public Speaking

Organization, preparation and delivery of speeches for different occasions with emphasis on construction and audience adaptation. *Both semesters, three credits. Prerequisite: Com 101.*

#### **Com 202** Principles of Communication

An inquiry into the process, theory and philosophy of contemporary verbal and nonverbal communication. *Both semesters, three credits. Prerequisite: Com 101.*

#### **Com 204** Principles of Journalism

Principles and techniques of writing for the print and electronic media, as well as an introduction to the basics of advertising and public relations. Includes introduction to Associated Press news style and basics of copyediting. *Second semester, three credits.*

#### **Com 205** Classroom Communication

Development of the special speech skills appropriate for the classroom teacher. *Not applicable toward a major.*  
*Both semesters, three credits. Prerequisite: Com 101.*

#### **Com 206** Fundamentals of Publishing

An overview of publishing, emphasizing book-trade practices and individual roles within a publishing house. Manufacturing, business, legal and ethical considerations explored from both a contemporary and historical perspective. *First semester, odd-numbered calendar years, three credits. Prerequisite: En 102.*

#### **Com 211** Expository Writing

Principles and techniques of writing that informs or explains. *Both semesters, three credits. Prerequisite: En 102.*

#### **Com 215** Introduction to Public Relations

Overview of the field of public relations, with an emphasis on the principles governing the profession. Examines the process that public relations campaigns follow, including the common elements that characterize those campaigns, and explores the career opportunities available to the public relations practitioner. *Second semester, three credits.*

#### **Com 222** Fundamentals of Technical Writing

Introduction to techniques for presenting technical information so that people can understand it easily and use it efficiently. *Both semesters, three credits. Prerequisite: En 102.*

#### **Com 300** Media & Society

A survey of media institutions, theories and research. Particular emphasis on the role of mass communication in contemporary society. *First semester, three credits.*

#### **Com 301** Audio Equipment Operation

Principles, theory and operation of audio equipment. Applications in radio production, live on-air shifts, public address systems and audio content for the web. *Second semester, three credits. Prerequisite: Com 200.*

#### **Com 302** Interpersonal Communication

Application of communication principles, theories and research to an examination of the process of interpersonal communication, and the improvement of communication skills relevant to interpersonal settings. *First semester, three credits.*

#### **Com 303** Organizational Communication

Theory and research in organizational communication; an understanding of how organizational meaning is created and sustained. Strategies for assessing and improving organizational and individual communication effectiveness. *Lecture and discussion class. Both semesters, three credits.*

#### **Com 304** Theories & Research in Communication

Comparison of various approaches to the study of communication with particular emphasis on a Christian perspective. *Second semester, three credits.*

#### **Com 305** Oral Communication for the Media

The study and application of the principles of announcing

for electronic media. Instruction in copy interpretation and skills needed for effective delivery of commercials, news, interviews, public service announcements and ad lib continuity. *Second semester, even-numbered calendar years, three credits.*

### **Com 306** Copy Editing

Principles and techniques of editing newspaper and magazine copy, including headline writing, fact checking and application of stylebook rules. *First semester, even-numbered calendar years, three credits.*

### **Com 307** Video Equipment Operation

Operation of video equipment, emphasizing field production. Special emphasis on composition of pictures using video cameras and the fundamentals of nonlinear video editing. *Second semester, even-numbered calendar years, three credits. Prerequisite: Com 200.*

### **Com 308** Writing for Electronic Media

Principles of and experience in writing various forms of broadcast continuity, including commercial copy and Christian and secular program scripting, with a special focus on “writing for the ear”; editorial considerations in planning and producing programs. *First semester, odd-numbered calendar years, three credits.*

### **Com 309** News Writing

Advanced techniques in writing news and features for print and electronic media, with an emphasis on Associated Press style. *Second semester, three credits. Prerequisite: Com 204.*

### **Com 310** Magazine Writing

A study of the researching and writing of nonfiction articles. Attention is given to market analysis, research methods and sources, types of articles and their organization, and manuscript preparation and submission to publishers. *Second semester, three credits. Prerequisite: Com 211.*

### **Com 311** Audio Production

Advanced concepts of audio, including complex radio commercial production and studio recordings. Techniques of recording, mixing and editing using audio software. Instruction to archiving media projects for the Senior Portfolio. *Second semester, even-numbered calendar years, three credits. Prerequisite: Com 301.*

### **Com 314** Leadership & Communication

The purpose of this interdisciplinary course is to introduce students to the field of leadership from a biblical worldview. Students will gain a broad understanding of the history and origins of leadership, theoretical approaches to leadership and the essence of contemporary leadership. As students master

the fundamentals of the concepts, they will be encouraged to test their ability to apply these concepts to their own life experiences. Students will be required to participate in leading a service oriented project during the course of the semester. *First semester, three credits.*

### **Com 317** Video & TV Studio Production

Producing and directing television programs. Practical experience in conceptualizing and creating short format productions, directing a cooking show and producing a pilot program. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Com 307.*

### **Com 318** Reporting for Print

Principles and techniques of news gathering, with special emphasis on interviewing and research skills. Includes practical application of news writing for the print media. *First semester, three credits. Prerequisite: Com 204 and Com 309.*

### **Com 319** Reporting for Broadcast

Principles and techniques of news gathering, with special emphasis on interviewing and research skills. Includes experience in obtaining and editing video and audio elements for broadcast news reports. *First semester, three credits. Prerequisite: Com 204 and Com 309.*

### **Com 321** Public Relations Writing

Principles and techniques of writing for public relations, including news releases, brochures, newsletters, annual reports, white papers and media kits. *First semester, odd-numbered calendar years, three credits. Prerequisite: Com 215.*

### **Com 323** Critical Writing

Principles and techniques of analytical and evaluative writing. *Second semester, three credits. Prerequisite: En 103.*

### **Com 324** Business Writing

Development of writing skills for success in the workplace, including audience and situation analysis, appropriate and clear style, and standard message formats. *Both semesters, three credits. Prerequisite: En 102.*

### **Com 327** Manuscript Editing

Principles and techniques of editing a book or technical document from manuscript to published version, with special emphasis on copyediting and proofreading skills. *First semester, even-numbered calendar years, three credits. Prerequisite: Com 206.*

### **Com 401** Communication Internship

A supervised experience in applying communication principles in an organizational setting. *Not applicable toward a minor. Both semesters and summer, three credits.*

**Com 405** Persuasion

Theories of persuasion, platform practice and criticism of model persuasive speeches. *Second semester, three credits.*  
*Prerequisite: Com 201.*

**Com 407** Argumentation & Debate

Principles and techniques of argumentation applied to academic debate. Emphasis on the ability to construct and defend a logical argument with the use of credible evidence, and the ability to analyze and refute the arguments of others. *Second semester, even-numbered calendar years, three credits.*  
*Prerequisite: Com 101.*

**Com 410** Oral Communication for the Professions

Application of oral communication skills and principles to business and professional speaking situations. Conferences, interviews, interpersonal communication and presentational speaking. *Not applicable toward a major. Both semesters, three credits. Prerequisite: Com 101.*

**Com 422** Editorial & Opinion Writing

Writing of editorials, columns and op-ed pieces, with special attention to procedures of editorial preparation and strategies of the journalistic essay. *First semester, three credits.*  
*Prerequisite: Com 211.*

**Com 423** Special Topics in Communication

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture and readings in organizational communication. *First semester, odd-numbered calendar years, three credits*

**Com 425** Cases in Public Relations

Analysis of selected cases in public relations, focusing on strategic problem solving and culminating in the creation of a public relations proposal for a client. *First semester, even-numbered calendar years, three credits. Prerequisite: Com 215.*

**Com 426** Media Law & Ethics

Survey of the federal, state and local laws that most directly affect mass communication in the United States, with emphasis on understanding of First Amendment freedoms and ethical principles in mass communication. *Second semester, three credits.*

**Com 431** Special Topics in Journalism  
& Mass Communication

Current issues in journalism and mass communication. *First semester, three credits.*

**Com 432** Special Topics in Journalism  
& Mass Communication

Current issues in journalism and mass communication. *Second semester, three credits.*

**Com 436** Media Relations

Analysis and implementation of media relations strategies and programs for profit and nonprofit organizations. *First semester, three credits.*

**Com 441** Journalism & Mass Communication Capstone

A synthesis of theoretical knowledge and applied skills in the student's area of specialization in journalism and mass communication. Special emphasis on career preparation, including compilation of a senior portfolio. *One credit.*

**Com 451** JMC Internship

A supervised experience in applying journalism and mass communication principles in a media setting. Location of internship—such as BJU Press, local public relations firms and local media outlets—dependent on program emphasis. Based on faculty recommendations and internship availability. *Both semesters and summer, three credits.*

**Com 452** JMC Internship

A supervised experience in applying journalism and mass communication principles in a media setting. Location of internship—such as BJU Press, local public relations firms and local media outlets—dependent on program emphasis. Based on faculty recommendations and internship availability. *Both semesters and summer, three credits. Prerequisite: Com 451.*

**Com 470** Advertising Principles & Practices

The course provides a comprehensive overview of advertising and promotion from an Integrated Marketing Communication perspective. It creates a clear understanding of traditional advertising and promotional tools, and demonstrates how key elements within the marketing mix can be integrated. Attention will be given to integrating knowledge and skills in subjects such as marketing strategy, marketing research, media planning, communication and creative areas. Focus will be on creative strategies for traditional and non-traditional markets, advertising agency, competitive positioning and how each influences the effectiveness of an advertising campaign. A primary goal of the class is to move class members from an audience to creators of advertising and promotional strategies for business. There is a hands-on practicum, in which class participants prepare advertising campaigns for clients or competition. *Three credits. Identical to Mkt 470. Prerequisite: Mkt 411.*

**Com 505** Communication Training & Development

Introduction to the process through which companies and other organizations improve performance and communication. Emphasis on training skills in the field of communication as well as consulting in the organizational setting. *First semester, three credits. Prerequisite: Com 303.*



**Com 507** Conflict Management

Integration of theory on conflict management with practical approaches to conflict training. An emphasis on a biblical perspective of conflict. *First semester, three credits.*

**Com 520** Intercultural Communication

The theory and practical applications of communicating between cultures. Special emphasis is given to biblical principles of communication, and to the organizational and business applications of intercultural communication. *Second semester, three credits.*

**Com 521** Nonverbal Communication

Analysis of the various codes of nonverbal behavior and their functions in interpersonal, workplace and mediated encounters. Special emphasis is given to Scriptural principles of nonverbal communication. *Second semester, odd-numbered calendar years, three credits.*

**Com 524** Special Topics in Communication

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture, and readings in organizational communication. *Three credits.*

**Com 525** Special Topics in Communication

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture and readings in organizational communication. *Second semester, three credits.*

**Com 526** Special Topics in Communication

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as cultures, and readings in organizational communication. *Three credits.*

## DEPARTMENT OF COMMUNICATION DISORDERS

**CD 103** Speech Clinic

To be elected in addition to Com 101 by students who need special help in overcoming speech difficulties. *Both semesters, one credit.*

**CD 104** Speech Clinic

To be elected in addition to Com 101 by students who need special help in overcoming speech difficulties. *Both semesters, one credit.*

**CD 111** Beginning Sign Language

This course introduces the student to the fundamental

elements of American Sign Language (ASL), with attention given to various aspects of deaf culture and history. The class focuses on developing the student's receptive and expressive skills in ASL. *Both semesters, three credits.*

**CD 206** Introduction to Communication Disorders

A study of the nature, etiology and remediation of communication disorders in children and adults, including an overview of the field of speech-language pathology. *Both semesters, three credits. Prerequisite: Com 101.*

**CD 207** Anatomy of the Speech & Hearing Mechanism

An intensive study of the anatomy and physiology of the speech and hearing mechanisms. *First semester, three credits. Prerequisite: CD 206.*

**CD 208** Clinical Application of Phonetics

A study of language theory and international phonetics alphabet (IPA) transcription with application to clinical diagnosis and treatment. *Second semester, three credits. Prerequisite: CD 206.*

**CD 302** Normal Language Development

The language acquisition process in normal children, including the development of semantics, morphology, syntax, phonology and pragmatics; American dialects and bilingualism. *First semester, three credits. Prerequisite: CD 206.*

**CD 303** Articulation & Phonology

The diagnosis and treatment of articulation problems in children and adults, including an analysis of current research in testing and therapy for articulation and phonological disorders. *First semester, three credits. Prerequisite: CD 208.*

**CD 304** Introduction to Audiology

Basic anatomy and psycho physics of hearing, the pathologies of hearing loss, introduction to identification procedures including organization of hearing conservation programs and practice in pure-tone audiometry; impact of hearing loss on preschool and school-aged children; educational, psychological and medical aspects of habilitation. Also includes basic concepts of physics and math as they apply to speech, hearing and perception, and applied speech sciences. *First semester, three credits.*

**CD 308** Diagnostic Methods in Speech-Language Pathology

Familiarization of testing procedures, statistical terminology and diagnostic protocols. Students will conduct evaluations, write reports and recommend therapy goals for a variety of clients. Specific assessments for various disorders and cultural differences will be discussed. *Second semester, three credits.*

**CD 400** Seminar in Speech-Language Pathology

Preparation for application to graduate school will be

emphasized. Observation and clinical preparation. Medical orientation and note-taking skills will be emphasized.

*Second semester, one credit.*

#### **CD 401** Language Disorders in Children

An overview of normal language development with a detailed discussion of language problems experienced by learning disabled, hearing impaired, physically impaired, emotionally disabled and mentally disabled children. Emphasis is placed on etiology and identification of language disorders in preschool years through the primary elementary grades. Also includes procedures for treatment and academic scaffolding in the school setting. *Both semesters, three credits. Prerequisite: CD 206.*

#### **CD 402** Acquired Language Disorders

Presents classical and contemporary theoretical constructs related to central speech and language dysfunction in adolescents and adults. Assessment and treatment of speech, language and related symptoms of organic disorders involving the central nervous system including aphasia, traumatic brain injury, dementia and dysphagia. *Second semester, three credits. Prerequisite: CD 206 and CD 207.*

#### **CD 403** Disorders of Voice

Reviews the anatomy of the vocal mechanism, and acquaints the student with the symptomatology and disorder complexes related to phonation. Emphasis on approaches and methods used in the treatment of voice disorders. *Second semester, three credits. Prerequisite: CD 207.*

#### **CD 404** Disorders of Fluency

A survey of facts and theories on the nature and origin of stuttering, and a review of the principles and practices of major therapeutic strategies of disfluency. *First semester, three credits. Prerequisite: CD 206.*

#### **CD 405** Selected Topics in Speech-Language Pathology

Current topics of interest in the field of speech-language pathology and audiology will be discussed. Includes a review and discussion of research literature and methodology and a research project. *Second semester, three credits. Prerequisite: CD 206.*

#### **CD 407** Therapeutic Methods & Clinical Technology in Speech-Language Pathology

Application of course knowledge to specific forms of intervention. Emphasis will be placed on writing therapy goals, creating lesson plans and traditional therapy methods. Students will apply mobile technology for the remediation of a variety of communication disorders including apps for language disorder, speech disorders and Augmentative and alternative Communication apps for nonverbal communicators. *Both semesters, two credits.*

#### **CD 499** Clinical Practicum

Supervised clinical practice in screening, diagnosis and therapy. The practicum provides 50 hours of supervised therapy experience in two settings. *Both semesters, nine credits.*

## DEPARTMENT OF CINEMA

#### **Ci 100** Cinema Lab

The content of this weekly meeting varies each semester depending on the production status of Unusual Films, but usually includes discussion of current studio and student production, presentation of new technologies, guest speakers, review of industry-related topics and consideration of ethical issues facing the Christian producer. *Required of all Cinema Production majors every semester that they are enrolled. Open only to cinema majors and non-majors currently enrolled in cinema classes. [Note: Cinema Production majors are also required to participate in department and personal production activities each semester.] Both semesters, zero credit.*

#### **Ci 111** Introduction to Cinematic Arts

Survey of the preproduction, production and post-production phases in cinematic productions with emphasis on the visual communication of an idea. Basic hands-on operation of motion picture cameras. Required SD card. *Outside lab time involved. Both semesters, three credits.*

#### **Ci 202** Basic Cinematography

Operation and handling of professional video cameras, supports and related production equipment. Basic framing, composition and motion picture camera technologies. Students will complete several video projects. Required hard drive. *Second semester, three credits. Prerequisite: Ci 111.*

#### **Ci 203** Basic Sound Techniques

Introduction to the art, science and techniques of sound recording including digital recording, and mixing for quality sound productions. Practical field recording exercises and evaluation of sound tracks, including technical and story elements. Required class approved headphones. *First semester, three credits. Prerequisite: Ci 111.*

#### **Ci 204** Intermediate Sound Techniques

Further study of the art, science and techniques of sound focusing on post-production sound techniques (sound recording, editing and mixing) with a strong emphasis on overall sound design. *Second semester, three credits. Prerequisite: Ci 203.*

**Ci 301** Cinematography

An overview of the art and craft of the professional cinematographer, cinematic design, and assembling and prepping equipment for the shoot. Proper setups for various types of shots; exposure, filters and camera handling techniques. Students will shoot film and video exercises and projects. Required film costs. *First semester, three credits. Prerequisite: Ci 202.*

**Ci 303** Editing I

Introduction of the principles, techniques and aesthetics of motion picture editing. Practical training in non-linear video editing using Avid software. *First semester, three credits. Prerequisite: Ci 111.*

**Ci 304** Editing II

Theory and practice of editing in the specific editorial elements of film construction. Class includes the sophomore project. *Second semester, three credits. Prerequisite: Ci 303.*

**Ci 306** Scenic Design for the Motion Picture

Students will develop an understanding of the setting, or scenic design, for motion picture production as it relates to the whole production. Includes design drawings and miniatures, set construction, hands-on experience in foam, faux painting and aging techniques, and dressing the set. *Second semester, three credits.*

**Ci 312** Documentary Production Seminar

Practical experience in documentary production techniques through the creation of video projects. The student will learn to observe and critique the documentary genre and discover creative solutions to problems of production. *First semester, two credits. Prerequisite: Ci 202, Ci 204 and Ci 304.*

**Ci 314** Animation Principles

A study and practical application of the basic principles of animation including squash and stretch, staging, overlapping action, anticipation, etc. Includes an emphasis on timing for animations. *Drawing skills recommended. First semester, even-numbered calendar years, two credits.*

**Ci 315** Animation Procedures

Techniques of traditional animation including character animation, inbetweening and cleanup. The class will participate in an animation project that will cover the whole gamut of the animation process from script to screen. *Second semester, even-numbered calendar years, two credits. Prerequisite: Ci 314.*

**Ci 316** Digital Imaging Techniques

Practical experience and training in the use of Photoshop and Adobe After Effects in the creation of graphics and text, composition design, image manipulation and animation

techniques. Assignments stress integration of graphics, image correction, titling, movements in 2-D and 3-D space, motion tracking and motion graphics in student cinematic productions. *Second semester, two credits. Prerequisite: Ci 111.*

**Ci 378** Aesthetics & History of Cinematic Arts

A survey of the Christian responsibility of filmmaking through the analysis of historical and culturally significant films. Further analysis of the foundational elements of art and how they apply to the aesthetics of filmmaking. *Both semesters, two credits.*

**Ci 405** Screenwriting

An introduction to effective screenplay structure for dramatic screenwriting with an emphasis on preparing the student to write the script for his or her senior project. *First semester, two credits. Prerequisite: Ci 111 and En 102.*

**Ci 407** Motion Picture Production Techniques I

Techniques used in operation of production location and soundstage equipment. A survey of general production problems and participation in the production of films. *Offered during production years only. Two credits. Prerequisite: Ci 111.*

**Ci 408** Motion Picture Production Techniques II

Techniques used in operation of production location and soundstage equipment. A survey of general production problems and participation in the production of films. *Offered during production years only. Two credits. Prerequisite: Ci 407.*

**Ci 411** Cinema Workshop I

Participation in professional film, multimedia or video production. *Offered during production years only. Three credits. Prerequisite: Ci 111.*

**Ci 412** Cinema Workshop II

Participation in professional film, multimedia or video production. *Offered during production years only. Three credits. Prerequisite: Ci 411.*

**Ci 414** Makeup for Motion Picture Production

The application and principles of makeup for motion picture production. Demonstration and practical experience in straight and character makeups. Required class approved makeup kit. *Both semesters, two credits.*

**Ci 415** Three-Dimensional Computer Animation I

An introduction to the process of three-dimensional computer animation including working in 3-D space; modeling, material editing, shaders, textures and lighting in the 3-D environment. Emphasis will be on a major modeling project. *First semester, odd-numbered calendar years, three credits.*

**Ci 416** Three-Dimensional Computer Animation II  
Applies the principles of animation and timing to computer animation using skeletons, deformers, constraints, expressions and dynamics. Examines digital compositing techniques for streamlining the 3-D animation workflow and rendering for output to film, video and multimedia. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Ci 415.*

**Ci 417** Cinema Directing  
The functions and responsibilities of the director from the shooting script through the final product. Principles and methods of directing that are applicable to all phases of production in the various cinematic forms. *Second semester, three credits. Prerequisite: Ci 405.*

**Ci 425** Motion Picture Lighting  
The art and operation of professional lighting equipment for motion picture production in the studio or on location. Basic electrical theory necessary for the safe rigging of electrical equipment. Principles of set lighting for single-camera production. *Second semester, three credits. Prerequisite: Ci 202.*

**Ci 479** Production Seminar  
Students will have the opportunity to apply the historical and aesthetic principles in the completion of a rough-cut film. *Both semesters, two credits. Prerequisite: Ci 312.*

**Ci 480** Advanced Production Seminar  
Continued work on the creative project which was begun in Ci 479. The emphasis of the semester will be on refining the project in post-production with emphasis on editing, sound effects, music and titles. A review of industry practices is included. *Both semesters, two credits. Prerequisite: Ci 479.*

**Ci 496** Production Internship I  
Practical application of production skills in a structured internship environment. Available during Unusual Films' production semesters or summers. May also be applied to production-related summer job or internship opportunities. *Both semesters and summer, three credits.*

**Ci 497** Production Internship II  
Practical application of production skills in a structured internship environment. Available during Unusual Films' production semesters or summers. May also be applied to production-related summer job or internship opportunities. *Both semesters and summer, three credits. Prerequisite: Ci 496.*

## DEPARTMENT OF THEATRE ARTS

**ThA 110** Introduction to Theatre  
An introduction to theatre as a discipline and to the practice of collaborative theatre in specific settings. *First semester, one credit*

**ThA 120** Stagecraft  
An introduction to the various crafts of dramatic production: scenery, props, lighting and makeup. Special emphasis is placed upon tools and techniques of stagecraft. *Second semester, three credits.*

**ThA 200** Solo Performance  
An exploration of the history and practice of solo performance with special emphasis on critical analysis of literature for performance and basic performance techniques. *Second semester, three credits. Prerequisite: Com 101.*

**ThA 208** Introduction to Acting  
Internal and external techniques of acting, as well as theory and practice in the art of creating a character for the stage. *Both semesters, three credits. Prerequisite: Com 101 or ThA 110.*

**ThA 220** Theatre Arts Practicum I  
Practical experience working behind-the-scenes in a campus theatre. *Both Semesters, one credit.*

**ThA 225** Appreciation of Theatre & Film  
A general survey of the theatre and film with an emphasis on giving the student a biblical perspective of the history, literature and practices of drama and film in our culture. *Not applicable toward a major or minor. Both semesters, two credits.*

**ThA 230** Theatre History to 18th Century  
A history of theatre from antiquity through the 18th century with a special emphasis on the relationship between text and performance. *First semester, two credits.*

**ThA 240** Theatre History: 19th & 20th Centuries  
A history of theatre of the 19th and 20th centuries with a special emphasis on the relationship between text and performance. *Second semester, two credits.*

**ThA 300** Stage Directing  
The theory and principles of directing for the stage, including practical application in directing scenes from various plays. *Second semester, three credits. Prerequisite: ThA 230 or ThA 240.*

**ThA 301** Scene Design  
An introduction to the principles and elements of design and their relationship to scene design for the stage. Students

study basic theory of scene design, complete exercises in conceiving and rendering designs, and present designs in a production meeting setting. *First semester, two credits.*  
*Prerequisite: ThA 225, ThA 230 or ThA 240.*

### **ThA 302** Lighting Design

An introduction to the principles and elements of design and their relationship to stage lighting. Students study basic theory of stage lighting, complete exercises in conceiving and executing light plots, and present designs in a lighting lab. *Both semesters, two credits. Prerequisite: ThA 225, ThA 230 or ThA 240.*

### **ThA 303** Voice & Articulation

An integrated workshop approach to the study and development of the speaking voice in the contexts of performance and oral communication. Special emphasis on relaxation, breathing, resonance, vocal quality, articulation and projection. *Both semesters, three credits. Prerequisite: Com 101.*

### **ThA 304** Costume Design

An introduction to the principles and elements of design and their relationship to stage costumes. Students study basic theory of costume, complete exercises in conceiving and rendering designs, present designs in a production meeting setting, and learn about equipment, techniques and materials. *Second semester, two credits. Prerequisite: ThA 225, ThA 230 or ThA 240.*

### **ThA 308** Advanced Acting

Internal and external techniques for acting for the stage with special emphasis on scene work and the handling of text. *First semester, three credits.*

### **ThA 310** Stage Movement

Beginning stage movement for the performer. Emphasis on period movements, alignment, flexibility, gesture and body composition, and physical characterization. *First semester, two credits. Prerequisite: ThA 200 or ThA 208.*

### **ThA 317** Playwriting

Foundations of playwriting with lab work in monologue, scenes and one-act plays. *Second semester, three credits.*  
*Prerequisite: CW 212, ThA 225 or ThA 230.*

### **ThA 320** Theatre Arts Practicum II

Backstage or onstage experience as part of a collaborative team working to mount a production in one of the campus theatres. *Both semesters, one credit.*

### **ThA 330** Theatre Arts Practicum III

Backstage or onstage experience as part of a collaborative team working to mount a production in one of the campus theatres. *Both semesters, one credit.*

### **ThA 400** Theatre as Vocation

An introduction to the use of theatre as mission, service or ministry, emphasizing the development of a personal philosophy of ministry in theatre arts and the practical considerations of the vocation of creating theatre. *Second semester, one credits.*

### **ThA 407** Theatre Internship

Practical application of theatre practice or management in a structured a structured internship environment. *Both semesters, one credit.*

### **ThA 410** Staging Literature

Adaptation, direction and group performance of poetry, narrative fiction and compiled scripts. *First semester, three credits. Prerequisite: ThA 200, ThA 230 or ThA 240.*

### **ThA 415** Incarnation & the Humanities

A study of the incarnational narrative at the center of historic Christian orthodoxy together with an analysis of how the incarnation shapes a Christian philosophy of aesthetics and the humanities. Special attention is given to the art narratives of theatre, photography and film. *Three credits. Identical to Bi 415.*

### **ThA 420** Theatre Arts Practicum IV

Practical experience either in a role on stage or in a behind-the-scenes stagecraft assignment in a campus production. *Both semesters, one credit. Prerequisite: ThA 330.*

### **ThA 430** Theatre Arts Practicum V

Internal and external techniques for acting for the stage with special emphasis on scene work and the handling of text. *First Semester, three credits. Prerequisite: ThA 420.*

### **ThA 450** Theatre Arts Capstone I

Guided preparation for the Theatre Arts' major as he or she prepares a capstone project. *Both semesters, one credit*

### **ThA 460** Theatre Arts Capstone II

Guided preparation for the Theatre Arts' major as he or she presents a capstone project. *Both semesters, one credit.*  
*Prerequisite: ThA 450.*

# FACULTY



## DEAN

***Darren Patrick Lawson (1988)***

BA, Bob Jones University  
MA, Bob Jones University  
PhD, University of Kansas



## ASSOCIATE DEAN

***Gregory Mark Kielmeyer (1994)***

BA, Bob Jones University  
MA, Bob Jones University  
PhD, University of Illinois at  
Urbana-Champaign

## DIVISION OF ART & DESIGN

### DIVISION CHAIR

***Jay Morgan Bopp (1995)***

BA, Bob Jones University; MA, Bob Jones University  
MFA, Savannah College of Art and Design

### *Department of Art*

#### DEPARTMENT HEAD

***Jay Morgan Bopp (1995)***

BA, Bob Jones University; MA, Bob Jones University  
MFA, Savannah College of Art and Design

***Lewis William Carl III (2015)***

BS, Bob Jones University; MA, Bob Jones University

***John Michael Nolan (2015)***

BFA, Bowling Green State University-Main Campus  
MA, Bob Jones University

***Michelle Berg Radford (2008)***

BFA, Bob Jones University; MA, Bob Jones University  
MFA, Savannah College of Art and Design

***April Deason Schwingle (2003–2011, Adjunct)***

BS, Bob Jones University; MA, Bob Jones University

***Amanda Nicholas West (2016)***

BFA, East Carolina University; MFA, University of North  
Carolina at Greensboro

## Department of Design

### DEPARTMENT HEAD

#### *Christopher John Barnhart (2013)*

BS, Pensacola Christian College; MA, Pensacola Christian College; Additional graduate work, Bob Jones University

#### *Jonathan Britton Andrews (2002–2015, Adjunct)*

BA, Bob Jones University; MA, Bob Jones University

#### *James Russell Block (Adjunct)*

BS, Bob Jones University; MA, Bob Jones University  
MS, Bob Jones University; EdS, Bob Jones University

#### *Jay Morgan Bopp (1995)*

BA, Bob Jones University; MA, Bob Jones University  
MFA, Savannah College of Art and Design

#### *Karen Louise Flora (1992)*

BS, Bob Jones University; MS, Bob Jones University  
MS, Eastern Michigan University

#### *Laurie-Lynne Davis Hall (2010)*

BA, Bob Jones University; MFA, Academy of Art University

#### *Diane Babb Mattox (1972)*

BS, Bob Jones University; MAT, Winthrop University

#### *Rebekah Nichols Mininger (2005)*

BS, Bob Jones University; MA, Bob Jones University  
MFA, Academy of Art University

#### *Jared Timothy Stanley (2010)*

BS, Bob Jones University; MA, Bob Jones University

## DIVISION OF MUSIC

### DIVISION CHAIR

#### *Paul Edward Dunbar (1978)*

BMus, Henderson State University; MMus, Louisiana State University; DMA, Louisiana State University  
Additional graduate work, Bob Jones University

## Department of Music History & Literature

### DEPARTMENT HEAD

#### *Paul Edward Dunbar (1978)*

BMus, Henderson State University; MMus, Louisiana State University; DMA, Louisiana State University  
Additional graduate work, Bob Jones University

## Department of Music Theory & Technology

### DEPARTMENT HEAD

#### *Seth Andrew Custer (2009)*

BMus, University of North Dakota; MM, Central Michigan University; PhD, University of Iowa

#### *Patty Johnson Casarow (2016)*

BS, Grand Canyon University; MMus, Arizona State University; DMA, Arizona State University

#### *Warren Edward Cook (1984)*

BS, Bob Jones University; MA, Bob Jones University  
DMA, University of South Carolina–Columbia; Additional graduate work, Westminster Choir College of Rider University

***Joan Jacobson Pinkston (1970–2017, Adjunct)***

BA, Bob Jones University; MA, Bob Jones University  
Additional graduate work, Westminster Choir College of Rider University

***Eliezer Garanchon Yanson Jr. (2010)***

BMus, Bob Jones University; MMus, Bob Jones University  
ThB, Baptist Bible Seminary & Institute; DMA, University of South Carolina-Columbia; Additional graduate work, University of the Philippines

**Department of Church Music****DEPARTMENT HEAD*****Fred Rowel Coleman (1988)***

BS, Ball State University; MA, Bob Jones University  
DPasTh, Bob Jones University; Additional graduate work, VanderCook College of Music, Westminster Choir College of Rider University and Hamline University

**Department of Vocal Studies****DEPARTMENT HEAD*****Jean Reese Greer (1989)***

BMus, Simpson College; MMus, Indiana University  
Jacobs School of Music

***Shellie Alicia Beeman (2016)***

BMus, Bob Jones University; MMus, Bob Jones University;  
DA, Ball State University; Additional graduate work, Northwestern State University of Louisiana

***Laura Cook Brundage (2007)***

BMus, Bob Jones University; MMus, Bob Jones University

***Pamela Sowers Dunbar (1982)***

BS, Bob Jones University; MMus, Bob Jones University  
Additional graduate work, Westminster Choir College of Rider University

***Christa Gingery Habegger (1979)***

BA, Bob Jones University; MA, Bob Jones University

***Todd Randall Jones (2016)***

BA, Bob Jones University; MMus, Bob Jones University,  
MDiv, Bob Jones University; PhD, University of Kentucky

***David Gene Parker (1985)***

BS, Bob Jones University; MMus, Bob Jones University  
DMA, University of Michigan-Ann Arbor

**Department of Keyboard Studies****DEPARTMENT HEAD*****David Curtis Lehman (1978)***

BA, Bob Jones University; MMus, Boston University

***Ruth Nelson Coleman (1988)***

BA, Bob Jones University; MA, Bob Jones University

***Jean Flaughner Cook (1978)***

BA, Bob Jones University; MA, Bob Jones University  
Additional graduate work, Westminster Choir College of Rider University

***Donna Louise Crawford (1996)***

BA, Heritage Baptist University; MA, Pensacola Christian College; MMus, Bob Jones University

***Peter Lowell Davis (1987)***

BA, Bob Jones University; MMus, Bob Jones University  
MA, Bob Jones University; PhD, University of Oklahoma Norman Campus

***Paul Edward Dunbar (1978)***

BMus, Henderson State University; MMus, Louisiana State University; DMA, Louisiana State University  
Additional graduate work, Bob Jones University

***Thomas Forrest Grimble (1992)***

BA, Indiana State University; MMus, Bob Jones University

***Faye Springer Lopez (2002)***

BA, Bob Jones University; MA, Bob Jones University

***Deanna Cash Moore (1999)***

BMus, Bob Jones University; MMus, Bob Jones University  
DMA, University of South Carolina-Columbia

***Joan Love Parker (1977)***

BS, Bob Jones University; MA, Bob Jones University

***Mark Mason Parker (1976)***

BA, Bob Jones University; MA, Eastman School of Music  
PhD, University of North Texas

***Carl Edward Rea (1981)***

BA, Bob Jones University; MA, Bob Jones University  
BS, Pillsbury Baptist Bible College; Additional graduate work, Central Baptist Theological Seminary

***Judith Weiss Rea (1982)***

BA, Bob Jones University; MA, Bob Jones University

***Duane Louis Ream (1986)***

BA, Bob Jones University; MMus, Bob Jones University

***Kenon Dean Renfrow (1985)***

BA, Bob Jones University; MMus, Bob Jones University  
PhD, University of Oklahoma Norman Campus

***Gina Young Sprunger (2002)***

BA, Bob Jones University; MA, Bob Jones University

***Lorri Conder Turcios (1999)***

BMus, Bob Jones University; MMus, Bob Jones University  
MMus, Southern Methodist University;  
EdD, Bob Jones University



## Department of Instrumental Studies

### DEPARTMENT HEAD

#### *Bruce Bradford Cox (1993)*

BS, Bob Jones University; MS, University of Illinois at Urbana-Champaign; DMA, University of Southern Mississippi; Additional graduate work, Arizona State University at the Tempe Campus

#### *Robert Davis Chest (1979)*

BS, Bob Jones University; MA, Bob Jones University

#### *Amber Lynn Eubanks (2017)*

BS, Bob Jones University; MME, Bob Jones University EdS, Bob Jones University; Additional graduate work, Ohio State University-Main Campus

#### *Alexander Poe Fields III (1970–2017, Adjunct)*

BS, Bob Jones University; MFA, University of Georgia Additional graduate work, University of Iowa and Louisiana State University

#### *Shannon Patrick Flynn (Adjunct)*

AA, Palm Beach Community College; BFA, Florida Atlantic University; MMus, University of Memphis DMA, University of Memphis

#### *Mark Alan Frederick (2001)*

BS, Bob Jones University; MEd, Bob Jones University MM, University of Colorado at Boulder

#### *Rebecca Tabler Grove (1994)*

BS, Bob Jones University; MEd, Bob Jones University

#### *Kelvin Brandon Ironside (2015)*

BMus, McGill University's Schulich School of Music MMus, Arizona State University; DMA, University of North Carolina at Greensboro

#### *Paul Richard Jantz (1976)*

BS, Bob Jones University; MA, Bob Jones University

#### *Daniel Lee Kirsop (1981-2017, Adjunct)*

BS, Bob Jones University; MA, Bob Jones University

#### *Yuriy Leonovich (2014)*

BMus, Wayne State University; MMus, Cleveland Institute of Music; DMA, Cleveland Institute of Music

#### *Alan Dale Lohr (Adjunct)*

BS, Bob Jones University; MA, Bob Jones University

#### *Michael William Moore (2005)*

BS, Bob Jones University; MEd, Bob Jones University MMus, University of South Carolina-Columbia PhD, University of South Carolina-Columbia

#### *Paul William Overly (1985)*

BA, Bob Jones University; MMus, Bob Jones University DMus, Florida State University; Additional graduate work, Eastman School of Music

#### *Dianne Gustafson Pinner (1978)*

BS, Bob Jones University; MA, Bob Jones University

#### *Susan Rose Quindag (1983)*

BA, San Francisco State University; MEd, Bob Jones University EdD, University of North Carolina at Greensboro; Additional graduate work, Louisiana State University

#### *William Robnett Schoolfield (1988–2017, Adjunct)*

BS, Tennessee Technological University; MMus, University of Tennessee at Chattanooga-Cadek Conservatory EdS, Bob Jones University; Additional graduate work, University of South Carolina-Columbia

#### *Daniel Lynn Turner (1972)*

BS, Bob Jones University; MS, University of Illinois at Urbana-Champaign; EdD, University of Illinois at Urbana-Champaign; Additional graduate work, Furman University

#### *Emily Zane Waggoner (2006)*

BMus, Bob Jones University; MMus, Converse College

#### *Esther June Waite (2006)*

BS, Bob Jones University; MMus, North Carolina School of the Arts; DMA, Louisiana State University; Additional graduate work, University of North Carolina School of the Arts

## DIVISION OF COMMUNICATION

### DIVISION CHAIR

#### *Lonnie Ray Polson (1978-2012, 2016)*

BA, Bob Jones University; MA Bob Jones University MS, Bob Jones University; EdD, Bob Jones University

## Department of Communication Studies

### DEPARTMENT HEAD

#### *Paul Todd Radford (2008)*

BA, Bob Jones University; MA, Bob Jones University PhD, Regent University; Additional graduate work, University of South Florida

#### *Catherine Jeanine Aumiller (1998)*

BA, Bob Jones University; MA, Bob Jones University

#### *Charlotte Gibbs Burke (1979)*

BS, Bob Jones University; MA, Bob Jones University PhD, Southern Illinois University Carbondale

#### *Chelsea Bopp Fraser (2014)*

BA, Bob Jones University; MA, Bob Jones University

#### *Gregory Mark Kielmeyer (1994)*

BA, Bob Jones University; MA, Bob Jones University PhD, University of Illinois at Urbana-Champaign

***Darren Patrick Lawson (1988)***

BA, Bob Jones University; MA, Bob Jones University  
PhD, University of Kansas

***Mariam Himadeh Mendoza (2004)***

BS, Bob Jones University; MS, Bob Jones University  
EdD, Bob Jones University

### Department of Journalism & Mass Communication

**DEPARTMENT HEAD*****Blake Allyn Spence (1980)***

BA, Bob Jones University; MEd, University of Delaware  
MA, Clemson University; EdD, Bob Jones University

***Kathryn Boole Gamet (2009)***

BS, Bob Jones University; MS, Bob Jones University

***David Joseph Lurtey (1987)***

BS, Bob Jones University; MA, Bob Jones University

***Betty Lou Solomon (1980)***

BS, Bob Jones University; MEd, Bob Jones University  
MA, University of South Carolina-Columbia

***Gary Matthew Weier (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University  
PhD, Purdue University-Main Campus

### Department of Communication Disorders

**DEPARTMENT HEAD*****David Alan Eoute Jr. (2010)***

BA, Bob Jones University; MA, Bob Jones University  
MSP, University of South Carolina-Columbia  
PhD, University of South Carolina-Columbia

***Hannah Ruth Bengé (2007)***

BA, Bob Jones University; MS, Medical University of  
South Carolina

***Karis Clark Miller (1995)***

BS, Bob Jones University; MA, Central Michigan  
University; Additional graduate work, Furman University and  
University of South Carolina-Columbia

### Department of Cinema

**DEPARTMENT HEAD*****Sharyn Jeffers Robertson (2010)***

BS, Bob Jones University; MA, Bob Jones University  
MFA, National University

***John Preston Murray (2017)***

BS, Bob Jones University; MA, Bob Jones University

***Jason Michael Waggoner (Adjunct)***

BA, Bob Jones University; MA, Bob Jones University; MFA,  
Full Sail University

***Steven James White (Adjunct)***

BS, Bob Jones University; MA, Bob Jones University

***Christopher George Zydowicz (1997)***

BS, Bob Jones University; MA, Bob Jones University  
MFA, Academy of Art University

### Department of Theatre Arts

**DEPARTMENT HEAD*****Ronald Hugh Pyle (1986)***

BA, Bob Jones University; MA, Bob Jones University

***Erin Lea Naler (2000)***

BS, Bob Jones University; MA, Bob Jones University  
PhD, University of Texas at Dallas

***Anne Watson Nolan (1995)***

BA, Bob Jones University; MFA, Bob Jones University

***David Ryan Schwingle (2002)***

BA, Bob Jones University; MA, Bob Jones University  
MFA, Hollins University

***Jeffrey Lee Stegall (1987)***

BS, Welch College; MA, Bob Jones University; Additional  
graduate work, University of Oklahoma Norman Campus

\* Leave of absence

Date indicates beginning year as university faculty.

SCHOOL OF  
EDUCATION



# PROGRAMS

In conjunction with the University's commitment to building Christlike character, the School of Education exists to prepare caregivers and educators for teaching in both public and private schools and for administrative leadership in Christian schools, and Christian servants for ministry in the fields of health and fitness, exercise science and sports management. The School also provides graduate programs in education.

### GOALS

The student will ...

- Apply learning to solutions of problems in the discipline.
- Employ relevant skills, resources and technology.
- Develop a distinctly biblical view of the discipline.

### DIVISIONS

The School of Education is organized into three divisions:

- Division of Teacher Education
- Division of Health, Exercise & Sport Science
- Division of Graduate Studies

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with majors in Early Child Care and Development, and Health and Fitness Training

The *Bachelor of Science* degree with majors in Composite Social Studies Education, Early Childhood Education, Educational Studies, Elementary Education, English Education, Exercise Science, Mathematics Education, Middle School Education, Music Education, Science Education, Spanish Education, Special Education and Sports Management

### *Graduate Degrees*

The *Master of Education* degree with a major in Teaching and Learning

The *Master of Science* degree with a major in Educational Leadership

*Please refer to the current Seminary and Graduate Studies Catalog for detailed information regarding each of the degree offerings noted above, including information regarding learning objectives, goals, course offerings and sequencing, and degree conferral requirements.*

## GAINFUL EMPLOYMENT

For graduation rates, the median debt of students who completed the program, and other important information, visit [www.bju.edu/rates](http://www.bju.edu/rates).



**BRIAN A. CARRUTHERS, EdD**  
Dean

# DIVISION OF TEACHER EDUCATION



**Jeremy L. Watts, PhD**  
*Chair*

The Division of Teacher Education courses are offered in this division for students who must complete the degree requirements for a teacher education program or the bachelor of science degree in Educational Studies, or the associate of science degree in Early Child Care and Development.

All teacher education programs in the Division of Teacher Education are approved for licensure in South Carolina. These programs are also available on the non-licensure track. Teacher education programs include: Composites Social Studies Education, Early Childhood Education, Elementary Education, English Education, Mathematics Education, Middle School Education, Music Education, Science Education, Spanish Education and Special Education.

### PURPOSE

In conjunction with the University’s commitment to build Christlike character, the Division of Teacher Education exists to prepare Christian educators to be models of learning and life. It seeks to provide students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional knowledge, skills, dispositions and practicum experiences to help them become effective teachers in both public and private schools.

### GOALS

The student will ...

- Demonstrate a knowledge of content and pedagogy to be effective teachers.
- Create short and long range plans that consider the needs of diverse learners using a variety of instructional strategies and appropriate assessments.
- Demonstrate the ability to have a positive effect on student learning.

## TEACHER EDUCATION PROGRAMS

A summary of the requirements for all the teacher education programs offered by the School of Education are included in this catalog. For a more detailed explanation of requirements, refer to the *Teacher Education and Competency Handbook (TEACH)* which is available on BJU's intranet (home.bju.edu).

### Recommended high school preparation

- At least three years of mathematics, including algebra I & II and geometry
- At least three years of science, including at least one year of chemistry and one year of biology

### General Education Requirements

Courses to support the core curriculum and subject matter areas in teacher education programs are offered by the College of Arts and Science, the School of Religion and the School of Fine Arts and Communication. Coordination of coursework needed to support the curriculum is the responsibility of the Academic Council.

### Teacher Candidacy Requirement

Eligibility for formal acceptance as a teacher education major will be determined upon the student's successful completion of the requirements prescribed during the first and second year of study. Each cohort of new teacher candidates is chosen during the spring of each year.

### Eligibility Requirements

1. ACT scores on file with the Registrar's Office.
2. Successfully passed all sections of Praxis Core Academic Skills for Educators for students whose ACT composite score is 21 or below. (Students with ACT composite score of 22 or above are exempt.)
3. Completion of 45 or more credits toward a teacher education program.
4. Overall grade point average of at least 2.75 or higher.
5. Grades of C- or better in all major courses.
6. Admission interview with a teacher education faculty member, at which time the student's knowledge and understanding of the Standards of Conduct for South Carolina Educators will be evaluated.

Students who do not meet the above eligibility requirements will be placed on probation and given until the following August 1 to come into compliance. Students who are unable to meet this probation deadline will be asked to change their major out of a teacher education program.

Students who are unable to meet teacher candidacy requirements will not be permitted to register for a junior level practicum including the Elementary and Secondary School Music classes in the Music Education program.

### Praxis Examination Series

**Praxis Core Academic Skills for Educators**—Required of all students seeking teacher candidacy as a teacher education major and whose ACT composite score is 21 or below. The Praxis Core measures basic skills in reading, writing and mathematics, and includes multiple-choice questions and an essay question on the writing test. The tests are

designed to evaluate the student's academic skills needed to prepare for a career in education. All three tests (writing, reading and mathematics) must be taken and passed. A student who fails one or more tests is required to retake only the test that was not passed. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).

**Praxis II Subject Assessments**—Required of all students completing a degree in teacher education. The Praxis II Subject Assessments measure knowledge of specific subjects that K–12 educators will teach, as well as general and subject-specific teaching skills and knowledge. Students must take and pass the Praxis II Subject Assessments and the Principles of Learning and Teaching Test before enrolling in Clinical Practice. The passing scores must be reported to the School of Education by August 1 for those enrolling for Clinical Practice in the fall and by December 15 for those enrolling for Clinical Practice in the spring. Praxis II scores are used by the State Department of Education to determine a student's eligibility for licensure in South Carolina. Both the Subject Assessments and the Principles of Learning and Teaching Test must be taken and passed for licensure recommendation. Expenses associated with the Praxis Series are the responsibility of the student. For more information visit [www.ets.org/praxis](http://www.ets.org/praxis).

## Pre-Clinical Practice

Throughout their four years of college, students majoring in education will be expected to build experiences with the age level of students they intend to teach by participating in activities outside the college classroom. Before the semester in which Clinical Practice is scheduled, the teacher candidate must accumulate at least 100 hours of practical experiences in a supervised school setting. In addition to the school experiences, each student must have a minimum of 25 hours of ministry-related teaching activities.

## Clinical Practice

The first step for admission to Clinical Practice comes when the student is admitted for teacher candidacy to the School of Education degree program. (See the requirements for admission that are printed in TEACH.)

The year prior to Clinical Practice, students will submit an application to do Clinical Practice during first or second semester of the following year. The application must be submitted at least one academic year in advance of the semester intended for Clinical Practice.

Students should not plan to take any coursework during the semester of clinical practice experience other than what is required in their program.

In preparation for this experience, students should be aware that they will need to supply their own transportation to the school to which they are assigned. Students are discouraged from assuming on-campus responsibilities the semester they are doing their clinical practice, i.e., recitals or exhibitions; society offices; music or speech ensembles; or performance in plays, operas or student productions. Furthermore, no personal absences are permitted during the clinical practice experience, except when the school where the clinical practice is done is not in session and the absence does not conflict with an attendance requirement at the University.

## Professional Education Licensure/Non-Licensure Tracks

**General Policies**—Students should satisfy all requirements for admission to the professional education program by the time they achieve junior status. Students will not be permitted to register for their junior-level practicum until admission has been granted. A student who fails to do so will be asked to change his or her major to a non-teacher education program.



It is the student's responsibility to submit an application for South Carolina licensure since no credentials are issued automatically. Students should be aware that the approved teacher education programs at Bob Jones University meet the licensure requirements only for the state of South Carolina. Receiving a teaching license in an approved program through South Carolina may allow one to receive reciprocal licensure in other states. However, each state has its own qualifiers for licensure; therefore, for specific licensure requirements, teacher candidates need to contact the Department of Education in the state in which they wish to apply for licensure. Each graduate must take the initiative to make arrangements for renewing his or her license upon expiration.

**Professional Education Program**—Bob Jones University's undergraduate teacher preparation programs have been developed to meet South Carolina teacher licensure requirements. Students completing degree requirements and meeting certain other specified criteria are eligible for licensure in the following areas:

Composite Social Studies	9–12
Early Childhood	Pre-K–3
Elementary	2–6
English	9–12
Mathematics	9–12
Middle School (Language Arts/Social Studies)	5–8
Middle School (Math/Science)	5–8
Music (Coral/Instrumental)	Pre-K–12
Science (Biology/Composite)	9–12
Spanish	Pre-K–12
Special Education	Pre-K–12

## Non-Licensure Track

We recognize that students enrolled in the Division of Teacher Education may not be preparing for positions that require state licensure. These students, however, will still be required to meet all requirements established by the Division of Teacher Education (i.e., formal acceptance, GPA requirements, Praxis II, etc.). Students who are unable to satisfactorily meet the teaching licensure requirements of the State of South Carolina may also complete their program in the non-licensure track. Students pursuing the non-licensure track will be required to complete their Clinical Practice in a local Christian or private school but cannot apply for licensure from the state of South Carolina at the conclusion of their program.

## University Educators Association

The University Educators Association (UEA) is an integral part of the School of Education. The programs and activities are correlated very closely with the emphasis of the individual classes. This organization provides opportunities for all education students to secure leadership training and many professional contacts. Each of the professional education departments appoints representatives to serve as officers, and departmental meetings are part of the UEA programming. All prospective teachers are urged to become members of UEA.

# Associate of Science, **Early Child Care & Development**

**Connie C. Collins, MEd**  
*Program Coordinator*

<b>Early Child Care &amp; Development Program Summary</b>	
Major .....	33
BJU Core .....	27
Electives .....	4
<b>Total (minimum) .....</b>	<b>64</b>

### DEGREE COURSES

*Major: 33 credits*

ECC 141	Infant & Toddler Development & Care (3)
ECC 200	Language & Literature Experiences for Young Children (3)
ECC 222	Learning Technologies (3)
ECC 251	Field Experience: Infants & Toddlers (3)
ECC 252	Field Experience: Preschool (3)
Ed 250	Foundations in Early Child Care & Education (3)
Ed 251	Child Health & Safety (3)
Ed 253	Introduction to the Exceptional Child (3)
Ed 260	Behavior & Development of the Young Child (3)
Ed 352	Early Childhood Curriculum (3)
Ed 358	Home, School & Community Relations (3)

*BJU Core: 27 credits*

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
	English Composition (3)
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 240	Applied Christian Thought (3)

*Electives: 4 credits*

In conjunction with the University’s commitment to building Christlike character, the Associate of Science degree in Early Child Care and Development exists to prepare students to work with young children and families in church ministries as well as public, private and home-based child development centers. It seeks to provide students with a biblical worldview, a strong foundation in child growth and development, and skills in creating nurturing environments and appropriate experiences for young children. The degree requires 33 credits of core coursework with field experiences that are designed to help students gain real-world experience working with young children and families alongside teachers and other childhood professionals. The degree does not lead to state-endorsed teacher licensure.

### Program Learning Outcomes

- The student will ...
- Apply knowledge of child growth and development to create healthy and supportive environments for young children.
  - Create effective experiences and materials to support infant/toddler children’s growth and development
  - Provide appropriate care of young children (birth to age 8) in accordance with legal and ethical guidelines.
  - Create effective plans, experiences and materials for preschool instruction.

## SUGGESTED SCHEDULE

*First Year*

Uni 101	First-Year Seminar (1)	En 102	Composition & Rhetoric (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	ECC 141	Infant & Toddler Development & Care (3)
Com 101	Fundamentals of Speech (3)	ECC 222	Learning Technologies (3)
ECC 200	Language/Literacy Experience for Young Children (3)	Ed 250	Foundations Early Child Care & Education (3)
Ed 251	Child Health & Safety (3)	Ed 253	Introduction to the Exceptional Child (3)
	English Composition (3)		<b>Total Credits: 16</b>
	<b>Total Credits: 15</b>		

*Second Year*

Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
ECC 251	Field Experience: Infants & Toddlers (3)	Bi 240	Applied Christian Thought (3)
Ed 260	Behavior & Development: Young Child (3)	ECC 252	Field Experience: Preschool (3)
Ed 352	Early Childhood Curriculum (3)	Ed 358	Home, School & Community Relations (3)
	Mathematics or Science Elective (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
	Electives (2)		Electives (2)
	<b>Total Credits: 17</b>		<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film



## Bachelor of Science, **Composite Social Studies Education**

**Sharon E. Wilkie, EdD**  
*Program Coordinator*

<b>Composite Social Studies Education Program Summary</b>	
Major.....	78
BJU Core .....	56
<b>Total (minimum).....</b>	<b>134</b>

In conjunction with the School of Education’s commitment to building Christlike character, the Social Studies Education program exists to prepare Christian educators to teach in both public and private secondary schools. It seeks to provide students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional and pedagogical knowledge, skills and dispositions, and clinical experiences to help them become effective teachers.

### Program Learning Outcomes

The student will ...

- Create social studies instruction at the secondary level through the use of cutting-edge technology.
- Create social studies content-based learning that is global in scope and addresses various learning styles, ability levels and diversity among young adolescent learners.
- Plan, implement and differentiate social studies instruction that has a positive effect on the learning and development of adolescent students.
- Generate formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of adolescent learners.
- Develop a knowledge base in the ten broad social studies categories (culture and cultural diversity; time, continuity and change; people, places and environment; individual development and identity; global connections; individuals, groups and institutions; power, authority, governance; production, distribution, global connections, civic ideals and practices; science, technology and society; and consumption of goods and services).

## DEGREE COURSES

### Major: 78 credits

Hi 201	United States History to 1865 (3)
Hi 202	United States History since 1865 (3)
SSP 207	National Government (3)
SSS 200	Introduction to World Cultures (3)
SSS 202	Introduction to Sociology (3)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 322	Adolescent Growth & Devel (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 331	Practicum: Grades 9–12 (3)
Ed 342	Teaching Social Studies (9–12) (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)
<i>History Electives (300/400-level) (12)</i>	
<i>Social Studies Electives (15)</i>	

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
SSP 207	National Government (3)	Ed 100	Introduction to Education (3)
Bi 105	Old Testament Messages (1)	Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)	Fine Arts Appreciation Elective <sup>2</sup> (2)	
Com 101	Fundamentals of Speech (3)	Math/Computer or Science Elective (3)	
<b>Total Credits: 15</b>			

### Second Year

Hi 201	United States History to 1865 (3)	Sc 200	Essential Science (3)
SSE 200	Foundations of Economics (3)	Hi 202	United States History since 1865 (3)
SSS 200	Introduction to World Cultures (3)	Com 205	Classroom Communication (3)
Bi 230	Hermeneutics (3)	Ed 300	Foundations in Instructional Technology (3)
English or Writing Elective (3)		Social Studies Elective (3)	
Social Studies Elective (3)		Social Studies Elective (3)	
<b>Total Credits: 18</b>			

### Third Year

Bi 350	Bible Doctrines (3)	SSS 202	Introduction to Sociology (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)	Bi 360	Bible Doctrines (3)
Ed 323	Introduction to Exceptional Learners (3)	Ed 331	Practicum: Grades 9–12 (3)
Ed 391	Educator Performance & Evaluation (3)	Ed 342	Teaching Social Studies (9–12) (3)
Bible Elective (300/400-level) (2)		Social Studies Electives (3)	
History Elective (300/400-level) (3)		Social Studies Electives (3)	
<b>Total Credits: 17</b>			

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ph 200	Themes in Western Thought (3)	Ed 499	Clinical Practice (9)
Ed 322	Adolescent Growth & Development (3)	<b>Total Credits: 12</b>	
History Elective (300/400-level) (3)			
History Elective (300/400-level) (3)			
History Elective (300/400-level) (3)			
<b>Total Credits: 18</b>			

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Early Childhood Education**

**Jeremy L. Watts, PhD**  
*Program Coordinator*

<b>Early Childhood Education Program Summary</b>	
Major.....	73
BJU Core .....	56
<b>Total (minimum).....</b>	<b>129</b>

In conjunction with the University’s commitment to building Christlike character, the bachelor of science degree in Early Childhood Education exists to prepare Christian educators to be models of learning and life. It seeks to provide students with a biblical worldview, a deep understanding of child growth and development, and the professional knowledge, skills and dispositions needed to create safe and stimulating curriculum and environments for young children in partnership with families and other professionals. The degree is a comprehensive program requiring 73 credits of core coursework that includes embedded field and clinical experiences allowing students to integrate theory, research and practice alongside practicing teachers and other childhood professionals.

### Program Learning Outcomes

The student will ...

- Create safe, respectful and stimulating environments for young children based on knowledge of young children’s development, characteristics and needs.
- Design lessons for Pre-K–3 students that include accurate content, appropriate strategies, assessments and materials, and accommodate diverse learning needs.
- Practice the ethical behaviors and professional dispositions expected of BJU early childhood teacher candidates.

## DEGREE COURSES

### Major: 73 credits

Sc 103	Biological Science (3)
Ma 110	Foundations of Math for Teachers (3)
Ed 100	Introduction to Education (3)
Ed 250	Foundations in Early Child Care & Education (3)
Ed 260	Behavior & Development of the Young Child (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 321	Child Growth & Development (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 350	Practicum I: Pre-K-3 (2)
Ed 351	Practicum II: Pre-K-3 (2)
Ed 352	Early Childhood Curriculum (3)
Ed 353	Instructional Practices of Reading for Early Childhood School Teachers (3)
Ed 354	Teaching Science (Pre-K-3) (3)
Ed 355	Teaching Social Studies (Pre-K-3) (3)
Ed 356	Teaching Lang Arts (Pre-K-3) (3)
Ed 357	Teaching Math (Pre-K-3) (3)
Ed 358	Home, School & Community Relations (3)
Ed 359	Content Area Reading & Writing for Early Childhood School Teachers (3)
Ed 365	Assessment of Reading for Early Childhood & Elementary School Teachers (3)
Ed 366	Children's Lit (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)
ESS 205	Health Education & Physical Activity (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 105	Chemical & Physical Science (3)
Ma 109	Essential Math for Teachers (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Sc 105	Chemical & Physical Science (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	Ed 250	Foundations Early Child Care & Education (3)
Ed 100	Introduction to Education (3)		
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

Ma 109	Essential Mathematics for Teachers (3)	Ma 110	Foundations of Math for Teachers (3)
SSE 200	Foundations of Economics (3)	Com 205	Classroom Communication (3)
Bi 230	Hermeneutics (3)	Ed 201	Theories of Teaching & Learning (3)
Ed 260	Behavior & Develop: Young Child (3)	Ed 300	Foundations in Instructional Technology (3)
Ed 305	Foundations in Rdg for Early Childhood & Elementary School Teachers (3)		English or Writing Elective (3)
Ed 352	Early Childhood Curriculum (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
<b>Total Credits: 18</b>		<b>Total Credits: 17</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ed 350	Practicum I: Pre-K-3 (2)	Ed 351	Practicum II: Pre-K-3 (2)
Ed 353	Instructional Practices of Reading for Early Childhood School Teachers (3)	Ed 354	Teaching Science (Pre-K-3) (3)
Ed 355	Teaching Social Studies (Pre-K-3) (3)	Ed 357	Teaching Math (Pre-K-3) (3)
Ed 356	Teaching Language Arts (Pre-K-3) (3)	Ed 358	Home, School & Community Relations (3)
Ed 391	Educator Performance & Evaluation (3)	Ed 365	Assessment of Rdg for Early Childhood & Elementary School Teachers (3)
<b>Total Credits: 17</b>		<b>Total Credits: 17</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Ed 359	Content Area Reading & Writing for Early Childhood School Teachers (3)
Ph 200	Themes in Western Thought (3)	Ed 499	Clinical Practice (9)
Ed 323	Introduction to Exceptional Learners (3)		
Ed 366	Children's Literature (3)		
ESS 205	Health Education & Physical Activity (3)		
	Bible Elective (300/400-level) (2)		
<b>Total Credits: 17</b>		<b>Total Credits: 12</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Elementary Education**

**Tamila T. Jacobs, EdD**  
*Program Coordinator*

### **Elementary Education Program Summary**

Major .....	70
BJU Core .....	56
Electives .....	2
<b>Total (minimum) .....</b>	<b>128</b>

In conjunction with the University's commitment to building Christlike character, the Elementary Education program exists to prepare Christian educators to be models of learning and life. It provides students with a biblical worldview, content knowledge, understanding of diverse learner characteristics, professional knowledge, skills and dispositions. It provides field experiences to help them become effective elementary teachers in both public and private schools. This program requires 70 credits in the comprehensive major.

### **Program Learning Outcomes**

The student will ...

- Apply pedagogical skills to subject content areas.
- Create lesson plans that include content, strategies and assessments for diverse learners.
- Teach a lesson plan in an effective manner.
- Demonstrate professionalism throughout the program.

## DEGREE COURSES

### Major: 70 credits

Sc 103	Biological Science (3)
Ma 110	Foundations of Math for Teachers (3)
Hi 202	United States History since 1865 (3)
SSS 200	Introduction to World Cultures (3)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 321	Child Growth & Development (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 333	Practicum: Grades 2–6 (4)
Ed 360	Teaching Mathematics (2–6) (3)
Ed 361	Teaching Social Studies (2–6) (3)
Ed 362	Instructional Practices of Reading for Elem School Teachers (3)
Ed 363	Teaching Language Arts (2–6) (3)
Ed 364	Teaching Science (2–6) (3)
Ed 365	Assessment of Reading for Early Childhood & Elementary School Teachers (3)
Ed 366	Children's Lit (3)
Ed 367	Content Area Reading & Writing for Elementary School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)
ESS 205	Health Education & Physical Activity (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Sc 105	Chemical & Physical Science (3)
Ma 109	Essential Math for Teachers (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
Mu 225	Appreciation of Music (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Ed 499	Apologetics & Worldview (3)
	<i>Bible Elective (300-400 level)(2)</i>

### Electives:

2 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Ma 109	Essential Mathematics for Teachers (3)	Ma 110	Foundations of Math for Teachers (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to Arts (1)	Com 101	Fundamentals of Speech (3)
Ed 100	Introduction to Education (3)		<b>Total Credits: 16</b>
	<b>Total Credits: 15</b>		

### Second Year

Bi 230	Hermeneutics (3)	Sc 105	Chemical & Physical Science (3)
Ed 201	Theories of Teaching & Learning (3)	Hi 202	United States History since 1865 (3)
Ed 300	Foundations in Instructional Technology (3)	Ed 305	Foundations in Rdg for Early Childhood & Elementary School Teachers (3)
Ed 321	Child Growth & Development (3)	Ed 363	Teaching Language Arts (2–6) (3)
Ed 361	Teaching Social Studies (2–6) (3)	ESS 205	Health Education & Physical Activity (3)
	<i>English or Writing Elective (3)</i>		<b>Total Credits: 15</b>
	<b>Total Credits: 18</b>		

### Third Year

SSS 200	Introduction to World Cultures (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Ed 333	Practicum: Grades 2–6 (4)
Com 205	Classroom Communication (3)	Ed 360	Teaching Mathematics (2–6) (3)
Ed 323	Introduction to Exceptional Learners (3)	Ed 364	Teaching Science (2–6) (3)
Ed 362	Instructional Practices of Reading for Elementary School Teachers (3)	Ed 365	Assessment of Rdg for Early Childhood & Elementary School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)		<i>Electives or Minor (2)</i>
	<b>Total Credits: 18</b>		<b>Total Credits: 18</b>

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 367	Content Area Reading & Writing for Elementary School Teachers (3)
Bi 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
Ph 200	Themes in Western Thought (3)		<b>Total Credits: 12</b>
Mu 225	Appreciation of Music (2)		
Ed 366	Children's Literature (3)		
	<i>Bible Elective (300/400-level) (2)</i>		
	<b>Total Credits: 16</b>		

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.





## Bachelor of Science, **English Education**

**Lesa M. Seibert, EdD**  
*Program Coordinator*

<b>English Education Program Summary</b>	
Major .....	73
BJU Core .....	56
<b>Total (minimum).....</b>	<b>129</b>

The major in English Education (grades 9–12) prepares the student for teaching English in public and private high schools. In addition to courses in English content (grammar, writing, speech and literature), the degree offers instruction in adolescent development and education, enabling the student to have a working knowledge of the three aspects of teaching: content, students and pedagogy (the ability to plan and communicate content to the students). This program requires 73 credits in English Language Arts content and education. It aligns with and develops the School of Education’s goals of applying learning, employing educational skills and technology, and developing a distinctly biblical worldview as a Christian teacher.

### Program Learning Outcomes

- The student will ...
- Exhibit thorough English content knowledge.
  - Design curriculum and educational plans in conjunction with current pedagogical skills.
  - Exemplify current pedagogical skills in teaching.
  - Value learner diversity.
  - Create a biblical worldview declaration for the high school teaching of English Language Arts.

## DEGREE COURSES

### Major: 73 credits

En 203	British Lit since 1688 (3)
En 204	American Lit since 1607 (3)
En 300	Literary Criticism (3)
En 415	Multiethnic Literature (3)
En 508	History of the English Language (3)
En 509	Structure of Modern English (3)
<i>Shakespeare Elective<sup>1</sup> (3)</i>	
· En 511	Shakespeare: Early Plays (3)
· En 512	Shakespeare: Late Plays (3)
Com 211	Expository Writing (3)
<i>Writing Elective<sup>2</sup> (3)</i>	
· Com 222	Fundamentals of Tech Writing (3)
· Com 323	Critical Writing (3)
· Com 324	Business Writing (3)
· CW 212	Creative Writing (3)
ThA 200	Solo Performance (3)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 322	Adolescent Growth & Development (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 331	Practicum: Grades 9–12 (3)
Ed 340	Teaching English: Writing (9–12) (4)
Ed 346	Teaching English: Lit (9–12) (3)
Ed 347	Teaching Adolescent Lit (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Lit (3)
En 202	British Lit to 1688 (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	ThA 200	Solo Performance (3)
FA 125	Introduction to Arts (1)	Ed 201	Theories of Teaching and Learning (3)
Com 101	Fundamentals of Speech (3)	Math/Computer or Science Elective (3)	
Ed 100	Introduction to Education (3)	<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

### Second Year

En 202	British Literature to 1688 (3)	En 203	British Literature since 1688 (3)
Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)	Com 205	Classroom Communication (3)
Com 211	Expository Writing (3)	Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)	Ed 322	Adolescent Growth & Development (3)
Ed 323	Introduction to Exceptional Learners (3)	Writing Elective <sup>2</sup> (3)	
<b>Total Credits: 18</b>			

### Third Year

En 204	American Literature since 1607 (3)	En 508	History of the English Language (3)
En 415	Multiethnic Literature (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Ed 331	Practicum: Grades 9–12 (3)
Ed 340	Teaching English: Writing (9–12) (4)	Ed 346	Teaching English: Literature (9–12) (3)
Ed 391	Educator Performance & Evaluation (3)	Bible Elective (300/400-level) (2)	
<b>Total Credits: 16</b>			
Fine Arts Appreciation Elective <sup>3</sup> (2)			
<b>Total Credits: 16</b>			

### Fourth Year

En 300	Literary Criticism (3)	Ed 348	Content Area Reading & Writing for High School Teachers (3)
En 509	Structure of Modern English (3)	Ed 499	Clinical Practice (9)
Sc 200	Essential Science (3)	<b>Total Credits: 12</b>	
Bi 499	Apologetics & Worldview (3)		
Ed 347	Teaching Adolescent Literature (3)		
<b>Total Credits: 18</b>			

<sup>1</sup> En 511: Shakespeare: Early Plays or En 512: Shakespeare: Late Plays

<sup>2</sup> CW 212 Creative Writing, Com 222 Fundamentals of Technical Writing, Com 323 Critical Writing or Com 324 Business Writing

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Mathematics Education**

**Kathy D. Pilger, EdD**  
*Program Coordinator*

<b>Mathematics Education Program Summary</b>	
Major .....	72
BJU Core .....	56
<b>Total (minimum) .....</b>	<b>128</b>

In conjunction with the Division of Teacher Education’s commitment to build Christlike character, the Bachelor of Science degree in Mathematics Education provides preparation for teaching mathematics on the high school level (grades 9–12). Students will become knowledgeable of mathematical content, have an understanding of student needs and diversity, and develop sound pedagogy (the ability to plan and communicate content to the students). This program requires 72 credits of mathematics content and education which will produce mathematics teachers who are well rounded, competent, pedagogically skilled and dedicated to their profession.

### Program Learning Outcomes

The student will ...

- Present mathematical content within the framework of a biblical worldview.
- Solve problems in theoretical and applied settings in a variety of mathematical contexts.
- Progress logically from premises to valid conclusions in a variety of mathematical contexts.
- Exemplify current pedagogical skills in teaching mathematics.

## DEGREE COURSES

### Major: 72 credits

Ma 200	Calculus I (4)
Ma 202	Calculus II (4)
Ma 211	Theory of Geometry (3)
Ma 300	Elementary Linear Algebra (3)
Ma 301	Calculus III (4)
Ma 303	Discrete Math (3)
Ma 320	Applied Statistics (3)
Ma 402	Abstract Algebra (3)
Ma 404	Probability & Statistics I (3)
Ma 407	Modern Geometry (3)
<i>Mathematics Elective (300/400-level) (3)</i>	
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 322	Adolescent Growth & Devel (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 331	Practicum: Grades 9–12 (3)
Ed 343	Teaching Mathematics (9–12) (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Ma 105	Trigonometry (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 200	Calculus I (4)
Ma 105	Trigonometry (3)	Ma 320	Applied Statistics (3)
Ma 211	Theory of Geometry (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Com 101	Fundamentals of Speech (3)	FA 125	Introduction to the Arts (1)
Ed 100	Introduction to Education (3)		<b>Total Credits: 15</b>
<b>Total Credits: 17</b>			

### Second Year

Ma 202	Calculus II (4)	Ma 300	Elementary Linear Algebra (3)
Ed 201	Theories of Teaching & Learning (3)	Ma 301	Calculus III (4)
Ed 300	Foundations in Instructional Technology (3)	Bi 230	Hermeneutics (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)	Ph 200	Themes in Western Thought (3)
	English or Writing Elective (3)	Ed 323	Introduction to Exceptional Learners (3)
<b>Total Credits: 16</b>			

### Third Year

Ma 407	Modern Geometry (3)	Sc 200	Essential Science (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Ma 303	Discrete Math (3)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ed 331	Practicum: Grades 9–12 (3)	Com 205	Classroom Communication (3)
Ed 343	Teaching Mathematics (9–12) (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
Ed 391	Educator Performance & Evaluation (3)		Mathematics Elective (300/400-level) (3)
<b>Total Credits: 18</b>			

### Fourth Year

Ma 402	Abstract Algebra (3)	Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ma 404	Probability & Statistics I (3)	Ed 499	Clinical Practice (9)
SSE 200	Foundations of Economics (3)		<b>Total Credits: 12</b>
Bi 499	Apologetics & Worldview (3)		
Ed 322	Adolescent Growth & Development (3)		
	Bible Elective (300/400-level) (2)		
<b>Total Credits: 17</b>			

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



Bachelor of Science, **Middle School Education**

**Sonia L. Johnson, EdD**  
*Program Coordinator*

<b>Middle School Education (Language Arts/Social Studies) Program Summary</b>	
Major.....	73
BJU Core .....	56
<b>Total (minimum).....</b>	<b>129</b>

In conjunction with the School of Education’s commitment to building Christlike character, the Middle School Education program provides preparation and practical experience for teaching in the middle school (grades 5–8). It focuses on producing concerned and clear-thinking teachers who develop fresh, original lessons.

**Program Learning Outcomes**

The student will ...

- Work collaboratively with families, community, colleagues and other partners.
- Design lessons with assessments that address variation in learning styles, developmental levels, ability levels and diversity among young adolescent learners.
- Apply the central concepts, tolls of inquiry, standards and structures of content in their chosen teaching fields.
- Describe the major concepts and principles underlying foundations of middle level education.

## DEGREE COURSES

### Major: 73 credits

En 204	American Literature since 1607 (3)
En 509	Structure of Modern English (3)
Hi 201	United States History to 1865 (3)
Hi 202	United States History since 1865 (3)
SSP 207	National Government (3)
SSS 200	Introduction to World Cultures (3)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)
Ed 322	Adolescent Growth & Devel (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 334	Practicum: Grades 5–8 (3)
Ed 347	Teaching Adolescent Literature (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 372	Teaching Social Studies (5–8) (3)
Ed 376	Teaching English: Lit (5–8) (3)
Ed 378	Content Area Reading and Writing for Middle School Teachers (3)
Ed 379	Middle School: Curriculum & Organization (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)
<i>English Literature Elective<sup>1</sup> (3)</i>	
· En 300	Literary Criticism (3)
· En 461	British Novel (3)
· En 462	American Novel (3)
· En 505	Modern Poetry (3)
· En 506	Modern Fiction (3)
· En 511	Shakespeare: Early Plays(3)
· En 512	Shakespeare: Late Plays (3)
· En 513	The Bible as Literature (3)
· En 525	Contemporary Poetry (3)
· En 526	Contemporary Fiction (3)
<i>History or Social Studies Elective (3)</i>	

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
En 203	British Literature since 1688 (3)
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE Language Arts/Social Studies

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	SSE 200	Foundations for Economics (3)
SSS 200	Introduction to World Cultures (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)	Ed 100	Introduction to Education (3)
<i>Math/Computer or Science Elective (3)</i>		<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
<b>Total Credits: 17</b>		<b>Total Credits: 16</b>	

### Second Year

En 203	British Literature since 1688 (3)	Sc 200	Essential Science (3)
Hi 201	United States History to 1865 (3)	Hi 202	United States History since 1865 (3)
SSP 207	National Government (3)	Ph 200	Themes in Western Thought (3)
Bi 230	Hermeneutics (3)	Ed 300	Foundations in Instructional Technology (3)
Ed 201	Theories of Teaching & Learning (3)	Ed 306	Foundations in Reading for MS & HS Teachers (3)
Ed 323	Introduction to Exceptional Learners (3)	Ed 322	Adolescent Growth & Development (3)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

### Third Year

En 204	American Literature since 1607 (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Com 205	Classroom Communications (3)
Ed 370	Teaching English: Writing (5–8) (4)	Ed 334	Practicum: Grades 5–8 (3)
Ed 379	Middle School: Curriculum & Organization (3)	Ed 372	Teaching Social Studies (5–8) (3)
Ed 391	Educator Performance & Evaluation (3)	Ed 376	Teaching English: Literature (5–8) (3)
<b>Total Credits: 16</b>		<b>Total Credits: 15</b>	

### Fourth Year

En 509	Structure of Modern English (3)	Ed 378	Content Area Reading and Writing for Middle School Teachers (3)
Bi 499	Apogetics & Worldview (3)	Ed 499	Clinical Practice (9)
Ed 347	Teaching Adolescent Literature (3)	<b>Total Credits: 12</b>	
<i>English Literature Elective<sup>1</sup> (3)</i>			
<i>History or Social Studies Elective (3)</i>			
<i>Bible Elective (300/400-level) (2)</i>			
<b>Total Credits: 17</b>			

<sup>1</sup> En 300 Literary Criticism, En 461 British Novel, En 462 American Novel, En 505 Modern Poetry, En 506 Modern Fiction, En 511: Shakespeare: Early Plays, En 512: Shakespeare: Late Plays, En 513 The Bible as Literature, En 525 Contemporary Poetry or En 526 Contemporary Fiction

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program

## Middle School Education (Mathematics/Science) Program Summary

Major	75
BJU Core	57
<b>Total (minimum)</b>	<b>132</b>

## DEGREE COURSES

### Major: 75 credits

Sc 207	General Geology (3)
Bio 101	General Biology II (4)
Chm 103	General Chemistry I (4)
Phy 101	Introductory Physics (4)
	<i>Natural Science Elective (3)</i>
Ma 103	College Algebra (3)
Ma 105	Trigonometry (3)
Ma 110	Foundations of Math for Teachers (3)
Ma 211	Theory of Geometry (3)
Ma 320	Applied Statistics (3)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for MS & HS Teachers (3)
Ed 322	Adolescent Growth & Devel (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 334	Practicum: Grades 5–8 (3)
Ed 373	Teaching Mathematics (5–8) (3)
Ed 374	Teaching Natural Science (5–8) (3)
Ed 378	Content Area Reading & Writing for Middle School Teachers (3)
Ed 379	MS: Curriculum & Organization (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Bio 100	General Biology I (4)
Ma 109	Essential Math for Teachers (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
	<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	<i>Bible Elective (300/400-level) (2)</i>

## SUGGESTED SCHEDULE Mathematics/Science

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Ma 110	Foundations of Math for Teachers (3)
Ma 109	Essential Mathematics for Teachers (3)	Bi 109	New Testament Messages (1)
SSE 200	Foundations of Economics (3)	FA 125	Introduction to the Arts (1)
Bi 105	Old Testament Messages (1)	Ed 100	Introduction to Education (3)
Com 101	Fundamentals of Speech (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
	<b>Total Credits: 18</b>		<b>Total Credits: 17</b>

### Second Year

Phy 101	Introductory Physics (4)	Ma 105	Trigonometry (3)
Ma 103	College Algebra (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 230	Hermeneutics (3)
Ed 201	Theories of Teaching & Learning (3)	Com 205	Classroom Communications (3)
Ed 300	Foundations in Instructional Technology (3)	Ed 322	Adolescent Growth & Development (3)
	<b>Total Credits: 16</b>		English or Writing Elective (3)
			<b>Total Credits: 18</b>

### Third Year

Chm 103	General Chemistry I (4)	Sc 207	General Geology (3)
Ma 211	Theory of Geometry (3)	Ed 306	Foundations in Reading for MS & HS Teachers (3)
Bi 350	Bible Doctrines (3)		
Ed 373	Teaching Mathematics (5–8) (3)	Ed 334	Practicum: Grades 5–8 (3)
Ed 379	Middle School: Curriculum & Organization (3)	Ed 374	Teaching Natural Science (5–8) (3)
	<b>Total Credits: 16</b>	Ed 391	Educator Performance & Evaluation (3)
			Bible Elective (300/400-level) (2)
			<b>Total Credits: 17</b>

### Fourth Year

Ma 320	Applied Statistics (3)	Ed 378	Content Area Reading & Writing for Middle School Teachers (3)
Bi 360	Bible Doctrines (3)	Ed 499	Clinical Practice (9)
Bi 499	Apologetics & Worldview (3)		<b>Total Credits: 12</b>
Ph 200	Themes in Western Thought (3)		
Ed 323	Introduction to Exceptional Learners (3)		
	Natural Science Elective (3)		
	<b>Total Credits: 18</b>		

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Music Education**

### **Michael W. Moore, PhD**

*Program Coordinator*

The major in Music Education provides preparation for teaching music on all levels from pre-kindergarten to high school and leads to South Carolina state licensure. It offers subject matter and education courses, features laboratory and field experiences, requires a sophomore platform, technique test, public recital and ensemble participation, and culminates in a semester of clinical practice in a local school. Students may choose voice, keyboard (piano or organ), guitar or one of the standard orchestral instruments as a principal. Depending on the principal selected, the major component comprises 80–82 credits of required music and music related courses and supports the University's mission of building Christlike character with an emphasis on developing students as bearers of God's image.

Instrumental Studies principals include: bassoon, cello, clarinet, double bass, euphonium, flute, guitar, harp, horn, oboe, percussion, saxophone, trombone, trumpet, tuba, violin or viola.

Music education majors must be a member in a large music ensemble each semester (except for the semester they are enrolled in Clinical Practice). In addition, students may be required to be a member in a small ensemble as determined by their department.

### **Program Learning Outcomes**

The student will ...

- Perform with satisfactory technique and artistry as a voice, keyboard (piano or organ), guitar or orchestral instrumental principal.
- Design effective lesson plans and assessments using appropriate methods, materials and technologies for instrumental, vocal and general music education.
- Apply one's own musicianship, content knowledge and pedagogical skill to the teaching of music in an effective and engaging manner.





### Music Education (Orchestral Instrument Principal) Program Summary

Major .....	80
BJU Core .....	50
<b>Total (minimum) .....</b>	<b>130</b>

### DEGREE COURSES

Major: 80 credits

ME 301	Voice Methods for Choral Directors (2)
ME 401	Instrumental Director Methods (2)
ME 222	Music for Exceptional Learners (2)
Mu 101	Introduction to Music Lit (2)
Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)

### SUGGESTED SCHEDULE Orchestral Instrument Principal

#### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Mu 101	Introduction to Music Literature (2)	FA 125	Introduction to the Arts (1)
MT 105	Theory I (4)	MT 106	Theory II (4)
Com 101	Fundamentals of Speech (3)	Ed 201	Theories of Teaching & Learning (3)
Ed 180	Introduction to Music Education (2)		Applied Secondary—Piano <sup>1</sup> (1)
	Applied Secondary—Piano <sup>1</sup> (1)		Freshman Instrument (1)
	Freshman Instrument (1)		<b>Total Credits: 17</b>
	<b>Total Credits: 18</b>		

#### Second Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
MT 205	Theory III (4)	Bi 230	Hermeneutics (3)
Com 205	Classroom Communication (3)	ME 222	Music for Exceptional Learners (2)
Ed 381	Introduction to Technology in Music Education (2)	MT 206	Theory IV (4)
	Applied Secondary—Piano <sup>1</sup> (1)	MT 301	Elements of Conducting (1)
	English or Writing Elective (3)		Applied Secondary—Piano <sup>1</sup> (1)
	Instrument Class Elective <sup>2</sup> (1)		Instrument Class Elective <sup>2</sup> (1)
	Sophomore Instrument (1)		Sophomore Instrument (1)
	<b>Total Credits: 18</b>		<b>Total Credits: 16</b>

MT 303	Instrumental Conducting (2)
MT 504	Orchestration (2)
Applied Secondary—Piano <sup>1</sup> (4)	
<i>Instrument Class Electives<sup>2</sup> (5)</i>	
· ME 211	Violin/Viola Class (1)
· ME 212	Cello/Bass Class (1)
· ME 213	Clarinet Class (1)
· ME 214	Flute Class (1)
· ME 215	Cornet Class (1)
· ME 216	Trombone Class (1)
· ME 217	Percussion Methods Class (1)
· ME 219	Guitar Class (1)
· ME 312	Double Reed Class (1)
· ME 313	Saxophone Class (1)
· ME 314	Euphonium/Tuba Class (1)
· ME 315	Horn Class (1)
Freshman Instrument (2)	
Sophomore Instrument (2)	
Junior Instrument (2)	
Senior Instrument (2)	
Ed 180	Introduction to Music Education (2)
Ed 381	Introduction to Tech in Music Ed (2)
Ed 385	Elementary School Music (4)
Ed 386	Secondary School Music (4)
Ed 499	Clinical Practice (9)
<i>Child or Adol Growth &amp; Development<sup>3</sup> (3)</i>	
· Ed 321	Child Growth & Devel (3)
· Ed 322	Adolescent Growth & Devel (3)
<i>Content Area Reading &amp; Writing<sup>6</sup></i>	
· Ed 348	Content Area Reading & Writing for High School Teachers (3)
· Ed 359	Content Area Reading & Writing for Early Childhood School Teachers (3)
· Ed 367	Content Area Reading & Writing for Elementary School Teachers (3)
· Ed 378	Content Area Reading & Writing for Middle School Teachers (3)

### BJU Core: 50 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Art or Theatre Arts &amp; Film Appreciation<sup>4</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· ThA 225	Theatre Arts & Film Appreciation (2)
<i>Economics or Philosophy Elective<sup>3</sup> (3)</i>	
· SSE 200	Foundations of Economics (3)
· Ph 200	Themes of Western Thought (3)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
ME 301	Voice Methods for Choral Directors (2)	Mu 304	History of Music II (2)
Mu 303	History of Music I (2)	MT 303	Instrumental Conducting (2)
Ed 385	Elementary School Music (4)	Ed 386	Secondary School Music (4)
Economics or Philosophy Elective <sup>3</sup> (3)		Art or Theatre Arts & Film Appreciation <sup>4</sup> (2)	
Instrument Class Elective <sup>2</sup> (1)		Bible Elective (300/400-level) (2)	
Junior Instrument (1)		Instrument Class Elective <sup>2</sup> (1)	
<b>Total Credits: 16</b>		Junior Instrument (1)	
		<b>Total Credits: 17</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
ME 401	Instrumental Director Methods (2)	Content Area Reading & Writing <sup>6</sup> (3)	
Mu 305	History of Music III (3)	<b>Total Credits: 12</b>	
MT 504	Orchestration (2)		
Child or Adolescent Growth & Development <sup>5</sup> (3)			
Instrument Class Elective (1)			
Senior Instrument (2)			
<b>Total Credits: 16</b>			

<sup>1</sup> Orchestral Instrument principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

<sup>2</sup> ME 211 Violin/Viola Class, ME 212 Cello/Bass Class, ME 213 Clarinet Class, ME 214 Flute Class, ME 215 Cornet Class, ME 216 Trombone Class, ME 217 Percussion Methods Class, ME 219 Guitar Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class or ME 315 Horn Class

<sup>3</sup> SSE 200 Foundations of Economics or Ph 200 Themes of Western Thought

<sup>4</sup> Ar 225 Appreciation of Art or ThA 225 Theatre Arts & Film Appreciation

<sup>5</sup> Ed 321 Child Growth & Development or Ed 322 Adolescent Growth & Development

<sup>6</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.
- Music Education candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.



### Music Education (Piano or Organ Principal with Choral Track) Program Summary

Major.....	80
BJU Core.....	50
<b>Total (minimum).....</b>	<b>130</b>

### DEGREE COURSES

Major: 80 credits

ME 219	Guitar Class (1)
ME 301	Voice Methods for Choral Directors (2)
ME 402	Choral Director Methods (2)
ME 222	Music for Exceptional Learners (2)
Mu 101	Introduction to Music Lit (2)
Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)

### SUGGESTED SCHEDULE

Piano or Organ Principal with Choral Track

#### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Mu 101	Introduction to Music Literature (2)	FA 125	Introduction to the Arts (1)
MT 105	Theory I (4)	MT 106	Theory II (4)
Com 101	Fundamentals of Speech (3)	Ed 180	Introduction to Music Education (2)
	Applied Secondary—Voice (1)		Applied Secondary—Voice (1)
	Freshman Piano or Organ (1)		Freshman Piano or Organ (1)
	<b>Total Credits: 16</b>		Instrument Class Elective <sup>1</sup> (1)
			<b>Total Credits: 17</b>

#### Second Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
ME 219	Guitar Class (1)	Bi 230	Hermeneutics (3)
MT 205	Theory III (4)	ME 222	Music for Exceptional Learners (2)
Com 205	Classroom Communication (3)	MT 206	Theory IV (4)
Ed 201	Theories of Teaching & Learning (3)	MT 301	Elements of Conducting (1)
Ed 381	Introduction to Technology in Music Education (2)		English or Writing Elective (3)
	Sophomore Piano or Organ (1)		Sophomore Piano or Organ (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 17</b>

MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 302	Choral Conducting (2)
MT 502	Choral Composition (2)
Applied Secondary—Voice (2)	
<i>Instrument Class Electives<sup>1</sup> (4)</i>	
· ME 211	Violin/Viola Class (1)
· ME 212	Cello/Bass Class (1)
· ME 213	Clarinet Class (1)
· ME 214	Flute Class (1)
· ME 215	Cornet Class (1)
· ME 216	Trombone Class (1)
· ME 217	Percussion Methods Class (1)
· ME 312	Double Reed Class (1)
· ME 313	Saxophone Class (1)
· ME 314	Euphonium/Tuba Class (1)
· ME 315	Horn Class (1)
<i>Keyboard Pedagogy Elective (2)</i>	
· Freshman Piano or Organ (2)	
· Sophomore Piano or Organ (2)	
· Junior Piano or Organ (2)	
· Senior Piano or Organ (2)	
Ed 180	Introduction to Music Education (2)
Ed 381	Introduction to Technology in Music Ed (2)
Ed 385	Elementary School Music (4)
Ed 386	Secondary School Music (4)
Ed 499	Clinical Practice (9)
<i>Child or Adol Growth &amp; Development<sup>2</sup> (3)</i>	
· Ed 321	Child Growth & Devel (3)
· Ed 322	Adolescent Growth & Devel (3)
<i>Content Area Reading &amp; Writing<sup>3</sup></i>	
· Ed 348	Content Area Reading & Writing for High School Teachers (3)
· Ed 359	Content Area Reading & Writing for Early Childhood School Teachers (3)
· Ed 367	Content Area Reading & Writing for Elementary School Teachers (3)
· Ed 378	Content Area Reading & Writing for Middle School Teachers (3)

### BJU Core: 50 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Art or Theatre Arts &amp; Film Appreciation<sup>4</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· ThA 225	Theatre Arts & Film Appreciation (2)
<i>Economics or Philosophy Elective (3)</i>	
· SSE 200	Foundations of Economics (3)
· Ph 200	Themes of Western Thought (3)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
ME 301	Voice Methods for Choral Directors (2)	ME 402	Choral Director Methods (2)
Mu 303	History of Music I (2)	Mu 304	History of Music II (2)
MT 502	Choral Composition (2)	MT 302	Choral Conducting (2)
Ed 385	Elementary School Music (4)	Ed 386	Secondary School Music (4)
	Economics or Philosophy Elective <sup>5</sup> (3)		Bible Elective (300/400-level) (3)
	Instrument Class Elective <sup>1</sup> (1)		Instrument Class Elective <sup>1</sup> (1)
	Junior Piano or Organ (1)		Junior Piano or Organ (1)
	<b>Total Credits: 18</b>		<b>Total Credits: 17</b>

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Ed 499	Clinical Practice (9)
Mu 305	History of Music III (3)		Content Area Reading & Writing <sup>3</sup> (3)
	Art or Theatre Arts & Film Appreciation <sup>4</sup> (2)		<b>Total Credits: 12</b>
	Child or Adol Growth & Development <sup>2</sup> (3)		
	Instrument Class Elective (1)		
	Keyboard Pedagogy Elective (2)		
	Senior Piano or Organ (2)		
	<b>Total Credits: 16</b>		

<sup>1</sup> ME 211 Violin/Viola Class, ME 212 Cello/Bass Class, ME 213 Clarinet Class, ME 214 Flute Class, ME 215 Cornet Class, ME 216 Trombone Class, ME 217 Percussion Methods Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class or ME 315 Horn Class

<sup>2</sup> Ed 321 Child Growth & Development or Ed 322 Adolescent Growth & Development

<sup>3</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

<sup>4</sup> Ar 225 Appreciation of Art or ThA 225 Theatre Arts & Film Appreciation

<sup>5</sup> SSE 200 Foundations of Economics or Ph 200 Themes of Western Thought

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.
- Music Education candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.



### Music Education (Piano or Organ Principal with Instrumental Track) Program Summary

Major.....	80
BJU Core .....	50
<b>Total (minimum).....</b>	<b>130</b>

### DEGREE COURSES

*Major: 80 credits*

ME 301	Voice Methods for Choral Directors (2)
ME 222	Music for Exceptional Learners (2)
ME 401	Instrumental Director Methods (2)
Mu 101	Introduction to Music Lit (2)
Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 303	Instrumental Conducting (2)
MT 504	Orchestration (2)

### SUGGESTED SCHEDULE

Piano or Organ Principal with Instrumental Track

#### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
MT 105	Theory I (4)	FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)	Mu 101	Introduction to Music Literature (2)
Ed 180	Introduction to Music Education (2)	MT 106	Theory II (4)
	Applied Secondary—Instrument <sup>1</sup> (1)		Applied Secondary—Instrument <sup>1</sup> (1)
	Freshman Piano or Organ (1)		Freshman Piano or Organ (1)
	<b>Total Credits: 16</b>		Instrument Class Elective <sup>2</sup> (1)
			<b>Total Credits: 17</b>

#### Second Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
ME 222	Music for Exceptional Learners (2)	Bi 230	Hermeneutics (3)
MT 205	Theory III (4)	MT 206	Theory IV (4)
Com 205	Classroom Communication (3)	MT 301	Elements of Conducting (1)
Ed 381	Introduction to Technology in Music Education (2)	Ed 201	Theories of Teaching and Learning (3)
	Keyboard Pedagogy Elective <sup>3</sup> (2)		English or Writing Elective (3)
	Instrument Class Elective <sup>2</sup> (1)		Sophomore Piano or Organ (1)
	Sophomore Piano or Organ (1)		<b>Total Credits: 18</b>
	<b>Total Credits: 18</b>		

### Applied Secondary—Instrument<sup>1</sup> (2)

#### Instrument Class Electives<sup>2</sup> (5)

- ME 211 Violin/Viola Class (1)
- ME 212 Cello/Bass Class (1)
- ME 213 Clarinet Class (1)
- ME 214 Flute Class (1)
- ME 215 Cornet Class (1)
- ME 216 Trombone Class (1)
- ME 217 Percussion Methods Class (1)
- ME 219 Guitar Class (1)
- ME 312 Double Reed Class (1)
- ME 313 Saxophone Class (1)
- ME 314 Euphonium/Tuba Class (1)
- ME 315 Horn Class (1)

#### Keyboard Pedagogy Elective<sup>3</sup> (2)

- Or 400 Organ Pedagogy (2)
- Or 501 Service Playing (2)
- PPd 403 Piano Ped: Group Instructor (2)
- PPd 501 Piano Ped: Private Instructor (3)
- Freshman Piano or Organ (2)
- Junior Piano or Organ (2)
- Sophomore Piano or Organ (2)
- Senior Piano or Organ (2)

Ed 180 Introduction to Music Education (2)

Ed 381 Introduction to Technology in Music Ed (2)

Ed 385 Elementary School Music (4)

Ed 386 Secondary School Music (4)

Ed 499 Clinical Practice (9)

#### Child or Adol Growth & Development<sup>4</sup> (3)

- Ed 321 Child Growth & Devel (3)
- Ed 322 Adolescent Growth & Devel (3)

#### Content Area Reading & Writing<sup>6</sup>

- Ed 348 Content Area Reading & Writing for High School Teachers (3)
- Ed 359 Content Area Reading & Writing for Early Childhood School Teachers (3)
- Ed 367 Content Area Reading & Writing for Elementary School Teachers (3)
- Ed 378 Content Area Reading & Writing for Middle School Teachers (3)

### BJU Core: 50 credits

Uni 101 First-Year Seminar (1)

En 102 Composition & Rhetoric (3)

En 103 Composition & Literature (3)

#### English or Writing Elective (3)

Sc 200 Essential Science (3)

Hi 101 History of Civ c. 3500 BC to AD 1650 (3)

Hi 102 History of Civ since 1650 (3)

Ed 201 Theories of Teaching & Learning (3)

FA 125 Introduction to the Arts (1)

#### Art or Theatre Arts & Film Appreciation<sup>4</sup> (2)

- Ar 225 Appreciation of Art (2)
- ThA 225 Theatre Arts & Film Appreciation (2)

#### Economics or Philosophy Elective<sup>7</sup> (3)

- SSE 200 Foundations of Economics (3)
- Ph 200 Themes of Western Thought (3)

Com 101 Fundamentals of Speech (3)

Com 205 Classroom Communication (3)

Bi 105 Old Testament Messages (1)

Bi 109 New Testament Messages (1)

Bi 230 Hermeneutics (3)

Bi 350 Bible Doctrines (3)

Bi 360 Bible Doctrines (3)

Bi 499 Apologetics & Worldview (3)

Bible Elective (300/400-level) (2)

### Third Year

Bi 350 Bible Doctrines (3)

ME 301 Voice Methods for Choral Directors (2)

Mu 303 History of Music I (2)

Ed 386 Secondary School Music (4)  
Economics or Philosophy Elective<sup>7</sup> (3)

Instrument Class Elective<sup>2</sup> (1)

Junior Piano or Organ (1)

**Total Credits: 16**

Bi 360 Bible Doctrines (3)

Mu 304 History of Music II (2)

MT 303 Instrumental Conducting (2)

Ed 385 Elementary School Music (4)

Art or Theatre Arts & Film

Appreciation<sup>4</sup> (2)

Bible Elective (300/400-level) (2)

Instrument Class Elective<sup>2</sup> (1)

Junior Piano or Organ (1)

**Total Credits: 17**

### Fourth Year

Bi 499 Apologetics & Worldview (3)

Ed 499 Clinical Practice (9)

ME 401 Instrumental Director Methods (2)

Content Area Reading and Writing<sup>6</sup> (3)

Mu 305 History of Music III (3)

**Total Credits: 12**

Mu 504 Orchestration (2)

Child or Adolescent Growth & Development<sup>4</sup> (3)

Instrumental Class Elective<sup>2</sup> (1)

Senior Piano or Organ (2)

**Total Credits: 16**

<sup>1</sup> Keyboard Studies principals with instrumental track shall elect a secondary instrument. Two credits must be taken in the same instrument.

<sup>2</sup> ME 211 Violin/Viola Class, ME 212 Cello/Bass Class, ME 213 Clarinet Class, ME 214 Flute Class, ME 215 Cornet Class, ME 216 Trombone Class, ME 217 Percussion Methods Class, ME 219 Guitar Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class or ME 315 Horn Class

<sup>3</sup> Or 400 Organ Pedagogy, Or 501 Service Playing, PPd 403 Piano Pedagogy: Group Instructor or PPd 501 Piano Pedagogy: Private Instructor

<sup>4</sup> Ar 225 Appreciation of Art or ThA 225 Theatre Arts & Film Appreciation

<sup>5</sup> Ed 321 Child Growth & Development or Ed 322 Adolescent Growth & Development

<sup>6</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

<sup>7</sup> SSE 200 Foundations of Economics or Ph 200 Themes of Western Thought

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.

· Music Education candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.



## Music Education (Voice Principal) Program Summary

Major	82
BJU Core	50
<b>Total (minimum)</b>	<b>132</b>

## DEGREE COURSES

Major: 82 credits

ME 219	Guitar Class (1)
ME 222	Music for Exceptional Learners (2)
ME 301	Voice Methods for Choral Directors (2)
ME 402	Choral Director Methods (2)
Mu 101	Introduction to Music Lit (2)
Mu 303	History of Music I (2)
Mu 304	History of Music II (2)
Mu 305	History of Music III (3)
MT 105	Theory I (4)
MT 106	Theory II (4)
MT 205	Theory III (4)
MT 206	Theory IV (4)
MT 301	Elements of Conducting (1)
MT 302	Choral Conducting (2)
MT 502	Choral Composition (2)
	Applied Secondary—Piano <sup>1</sup> (4)
	Instrument Class Electives <sup>2</sup> (4)

## SUGGESTED SCHEDULE Voice Principal

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	MT 106	Theory II (4)
Mu 101	Introduction to Music Literature (2)	Vo 421	Freshman Voice (1)
MT 105	Theory I (4)	Ed 180	Introduction to Music Education (2)
Vo 411	Freshman Voice (1)	Ed 201	Theories of Teaching & Learning (3)
Com 101	Fundamentals of Speech (3)		Applied Secondary Piano (1)
	Applied Secondary Piano (1)		<b>Total Credits: 18</b>
	Instrument Class Elective <sup>2</sup> (1)		
	<b>Total Credits: 18</b>		

### Second Year

Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Sc 200	Essential Science (3)
ME 222	Music for Exceptional Learners (2)	Bi 230	Hermeneutics (3)
MT 205	Theory III (4)	ME 219	Guitar Class (1)
Vo 431	Sophomore Voice (1)	MT 206	Theory IV (4)
Com 205	Classroom Communication (3)	MT 301	Elements of Conducting (1)
Ed 381	Introduction to Technology in Music Education (2)	Vo 441	Sophomore Voice (1)
	Applied Secondary—Piano <sup>1</sup> (1)		Applied Secondary—Piano <sup>1</sup> (1)
	Instrument Class Elective <sup>2</sup> (1)		English or Writing Elective (3)
	<b>Total Credits: 17</b>		<b>Total Credits: 17</b>

- ME 211 Violin/Viola Class (1)
- ME 212 Cello/Bass Class (1)
- ME 213 Clarinet Class (1)
- ME 214 Flute Class (1)
- ME 215 Cornet Class (1)
- ME 216 Trombone Class (1)
- ME 217 Percussion Methods Class (1)
- ME 312 Double Reed Class (1)
- ME 313 Saxophone Class (1)
- ME 314 Euphonium/Tuba Class (1)
- ME 315 Horn Class (1)
- Voice Pedagogy Elective<sup>3</sup> (2)*
- Vo 400 Voice Pedagogy I (2)
- Vo 401 Voice Pedagogy II (2)
- Freshman Voice (2)
- Sophomore Voice (2)
- Junior Voice (2)
- Senior Voice (2)
- Ed 180 Introduction to Music Education (2)
- Ed 381 Introduction to Technology in Music Ed (2)
- Ed 385 Elementary School Music (4)
- Ed 386 Secondary School Music (4)
- Ed 499 Clinical Practice (9)
- Child or Adol Growth & Development<sup>7</sup> (3)*
- Ed 321 Child Growth & Devel (3)
- Ed 322 Adolescent Growth & Devel (3)
- Content Area Reading & Writing<sup>5</sup>*
- Ed 348 Content Area Reading & Writing for High School Teachers (3)
- Ed 359 Content Area Reading & Writing for Early Childhood School Teachers (3)
- Ed 367 Content Area Reading & Writing for Elementary School Teachers (3)
- Ed 378 Content Area Reading & Writing for Middle School Teachers (3)

### BJU Core: 50 credits

- Uni 101 First-Year Seminar (1)
- En 102 Composition & Rhetoric (3)
- En 103 Composition & Literature (3)
- English or Writing Elective (3)*
- Sc 200 Essential Science (3)
- Hi 101 History of Civ c. 3500 BC to AD 1650 (3)
- Hi 102 History of Civ since 1650 (3)
- Ed 201 Theories of Teaching & Learning (3)
- FA 125 Introduction to the Arts (1)
- Art or Theatre Arts & Film Appreciation (2)*
- Ar 225 Appreciation of Art (2)
- ThA 225 Theatre Arts & Film Appreciation (2)
- Economics or Philosophy Elective (3)*
- SSE 200 Foundations of Economics (3)
- Ph 200 Themes of Western Thought (3)
- Com 101 Fundamentals of Speech (3)
- Com 205 Classroom Communication (3)
- Bi 105 Old Testament Messages (1)
- Bi 109 New Testament Messages (1)
- Bi 230 Hermeneutics (3)
- Bi 350 Bible Doctrines (3)
- Bi 360 Bible Doctrines (3)
- Bi 499 Apologetics & Worldview (3)
- Bible Elective (300/400-level) (2)*

### Third Year

- |   |  |
|---|--|
| Bi 350 Bible Doctrines (3)                    | Bi 360 Bible Doctrines (3)                               |
| ME 301 Voice Methods for Choral Directors (2) | ME 402 Choral Director Methods (2)                       |
| Mu 303 History of Music I (2)                 | Mu 304 History of Music II (2)                           |
| MT 502 Choral Composition (2)                 | MT 302 Choral Conducting (2)                             |
| Vo 451 Junior Voice (1)                       | Vo 461 Junior Voice (1)                                  |
| Ed 386 Secondary School Music (4)             | Ed 385 Elementary School Music (4)                       |
| Bible Elective (300/400-level) (2)            | Art or Theatre Arts & Film Appreciation <sup>4</sup> (2) |
| <b>Total Credits: 16</b>                      | Instrument Class Elective <sup>2</sup> (1)               |
|   | <b>Total Credits: 17</b>                                 |

### Fourth Year

- |   |   |
|---|---|
| Bi 499 Apologetics & Worldview (3)                        | Ed 499 Clinical Practice (9)                    |
| Mu 305 History of Music III (3)                           | Content Area Reading & Writing <sup>5</sup> (3) |
| Vo 472 Senior Voice (2)                                   | <b>Total Credits: 12</b>                        |
| Child or Adolescent Growth & Development <sup>7</sup> (3) |   |
| Economics or Philosophy Elective <sup>6</sup> (3)         |   |
| Instrument Class Elective (1)                             |   |
| Voice Pedagogy Elective (2)                               |   |
| <b>Total Credits: 17</b>                                  |   |

<sup>1</sup> Voice principals must elect piano until the secondary piano examination is passed. Students who pass the secondary piano examination prior to the fourth semester must replace these credits with music electives.

<sup>2</sup> ME 211 Violin/Viola Class, ME 212 Cello/Bass Class, ME 213 Clarinet Class, ME 214 Flute Class, ME 215 Cornet Class, ME 216 Trombone Class, ME 217 Percussion Methods Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class or ME 315 Horn Class

<sup>3</sup> Vo 400 Voice Pedagogy I or Vo 401 Voice Pedagogy II

<sup>4</sup> Ar 225 Appreciation of Art or ThA 225 Theatre Arts & Film Appreciation

<sup>5</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

<sup>6</sup> SSE 200 Foundations of Economics or Ph 200 Themes of Western Thought

<sup>7</sup> Ed 321 Child Growth & Development or Ed 322 Adolescent Growth & Development

- Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.
- Music Education candidacy will be determined by the student passing a platform test in his or her applied principal near the midpoint of his or her program.







## Bachelor of Science, **Science Education**

### **Bradley R. Batdorf, EdD**

*Program Coordinator*

The Science Education program endeavors to prepare students to become science teachers for grades 9–12. Courses for the major are offered in the Division of Natural Science in the College of Arts and Science, as well as the Division of Teacher Education in the School of Education. The program is committed to preparing the science teacher to enter the classroom with a thorough knowledge of science as well as the ability to teach science from a biblical worldview.

### Program Learning Outcomes

The student will ...

- Present the content in science within the framework of a biblical worldview.
- Design lessons that incorporate scientific concepts and principles to diverse students, using a variety of appropriate instructional strategies.
- Plan and conduct inquiry-based exercises that demonstrate adequate safety procedures and the ethical treatment of living organisms, where appropriate.
- Develop inquiry and higher order thinking skills in their students as they examine scientific processes and apply them to their daily lives.
- Make use of technology, mathematics and research in their own study of and teaching of science.

## Science Education (Biology) Program Summary

Major	79
BJU Core	57
<b>Total (minimum)</b>	<b>136</b>

## DEGREE COURSES

### Major: 79 credits

Sc 201	Science: Impact on Society (3)
Bio 101	General Biology II (4)
Bio 208	Organismal Biology I (4)
Bio 209	Organismal Biology II (4)
Bio 300	Evolution & Origins (3)
Bio 303	Human Anatomy & Physiology I (4)
Bio 305	Essentials of Cell Biology (4)
Bio 309	Plant Physiology (4)
Bio 310	Research Methods & Analysis (1)
Bio 322	Bacteriology & Virology (4)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for MS & HS Teachers (3)
Ed 322	Adolescent Growth & Devel (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 331	Practicum: Grades 9–12 (3)
Ed 344	Teaching Natural Science (9–12) (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
Ma 320	Applied Statistics (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE Biology

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 101	General Biology II (4)
Bio 100	General Biology I (4)	Ma 320	Applied Statistics (3)
Bi 105	Old Testament Messages (1)	Hi 102	History of Civilization since 1650 (3)
Com 101	Fundamentals of Speech (3)	Bi 109	New Testament Messages (1)
Ed 100	Introduction to Education (3)	FA 125	Introduction to the Arts (1)
	Fine Arts Appreciation Elective <sup>1</sup> (2)	Ed 323	Introduction to Exceptional Learners (3)
<b>Total Credits: 17</b>		<b>Total Credits: 18</b>	

### Second Year

Bio 208	Organismal Biology I (4)	Bio 209	Organismal Biology II (4)
Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 230	Hermeneutics (3)
Ed 201	Theories of Teaching & Learning (3)	Com 205	Classroom Communication (3)
Ed 300	Foundations in Instructional Technology (3)		English or Writing Elective (3)
<b>Total Credits: 17</b>		<b>Total Credits: 17</b>	

### Third Year

Bio 300	Evolution & Origins (3)	Sc 201	Science: Impact on Society (3)
Bio 305	Essentials of Cell Biology (4)	Bio 303	Human Anatomy & Physiology I (4)
Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)	Ph 200	Themes in Western Thought (3)
Ed 322	Adolescent Growth & Development (3)	Ed 331	Practicum: Grades 9–12 (3)
Ed 391	Educator Performance & Evaluation (3)	Ed 344	Teaching Natural Science (9–12) (3)
<b>Total Credits: 19</b>		<b>Total Credits: 19</b>	

### Fourth Year

Ed 348	Content Area Reading & Writing for High School Teachers (3)	Bio 309	Plant Physiology (4)
Ed 499	Clinical Practice (9)	Bio 310	Research Methods & Analysis (1)
<b>Total Credits: 12</b>		Bio 322	Bacteriology & Virology (4)
		SSE 200	Foundations of Economics (3)
		Bi 499	Apologetics & Worldview (3)
			Bible Elective (300/400-level) (2)
		<b>Total Credits: 17</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.

### Science Education (Composite Science) Program Summary

Major.....	77
BJU Core.....	58
<b>Total (minimum).....</b>	<b>135</b>

### DEGREE COURSES

#### Major: 77 credits

Sc 201	Science: Impact on Society (3)
Sc 207	General Geology (3)
Bio 101	General Biology II (4)
Bio 203	Biological Diversity (4)
Bio 300	Evolution & Origins (3)
Bio 310	Research Methods & Analysis (1)
Chm 103	General Chemistry I (4)
Chm 104	General Chemistry II (4)
Phy 101	Introductory Physics (4)
Phy 102	Intermediate Physics (4)
<i>Astronomy Elective (3)</i>	
<i>Biology Elective (4)</i>	
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 306	Foundations in Reading for MS & HS Teachers (3)
Ed 322	Adolescent Growth & Devel (3)
Ed 323	Introduction to Exceptional Learners (3)
Ed 331	Practicum: Grades 9–12 (3)
Ed 344	Teaching Natural Science (9–12) (3)
Ed 348	Content Area Reading & Writing for High School Teachers (3)
Ed 391	Educator Performance & Evaluation (3)
Ed 499	Clinical Practice (9)

#### BJU Core: 58 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Bio 100	General Biology I (4)
Ma 320	Applied Statistics (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### SUGGESTED SCHEDULE Composite Science

#### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 207	General Geology (3)
Bio 100	General Biology I (4)	Bio 101	General Biology II (4)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Ma 320	Applied Statistics (3)
Bi 105	Old Testament Messages (1)	Hi 102	History of Civilization since 1650 (3)
Com 101	Fundamentals of Speech (3)	Bi 109	New Testament Messages (1)
Ed 100	Introduction to Education (3)	FA 125	Introduction to the Arts (1)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

#### Second Year

Chm 103	General Chemistry I (4)	Chm 104	General Chemistry II (4)
Phy 101	Introductory Physics (4)	Bio 203	Biological Diversity (4)
Ed 201	Theories of Teaching & Learning (3)	Phy 102	Intermediate Physics (4)
Ed 300	Foundations in Instructional Technology (3)	Bi 230	Hermeneutics (3)
	English or Writing Elective (3)	Com 205	Classroom Communication (3)
<b>Total Credits: 17</b>		<b>Total Credits: 18</b>	

#### Third Year

Bio 300	Evolution & Origins (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	Ed 322	Adolescent Growth & Development (3)
Ph 200	Themes in Western Thought (3)	Ed 331	Practicum: Grades 9–12 (3)
Ed 306	Foundations in Reading for Middle School & High School Teachers (3)	Ed 344	Teaching Natural Science (9–12) (3)
Ed 323	Introduction to Exceptional Learners (3)		Astronomy Elective (3)
Ed 391	Educator Performance & Evaluation (3)		Bible Elective (300/400-level) (2)
<b>Total Credits: 18</b>		<b>Total Credits: 17</b>	

#### Fourth Year

Ed 348	Content Area Reading & Writing for High School Teachers (3)	Sc 201	Science: Impact on Society (3)
Ed 499	Clinical Practice (9)	Bio 310	Research Methods & Analysis (1)
<b>Total Credits: 12</b>		SSE 200	Foundations of Economics (3)
		Bi 499	Apologetics & Worldview (3)
			Biology Elective (4)
			Fine Arts Appreciation Elective <sup>1</sup> (2)
		<b>Total Credits: 16</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Spanish Education**

**M. Amos Kasperek, PhD**

*Program Coordinator*

### Spanish Education Program Summary

Major.....	73
BJU Core .....	56
<b>Total (minimum).....</b>	<b>129</b>

### DEGREE COURSES

*Major: 73 credits*

Li 301	Descriptive Linguistics (3)
MLS 241	Intermediate Spanish I (3)
MLS 242	Intermediate Spanish II (3)
MLS 244	Intermediate Spanish III (3)
MLS 341	Spanish Composition (3)
MLS 342	Spanish Conversation (3)
MLS 479	Spanish Seminar <sup>1</sup> (1)
<i>Spanish Civilization Elective<sup>3</sup> (3)</i>	
· MLS 343	Civilization of Latin America (3)
· MLS 344	Civilization of Spain (3)

In support of the Division of Teacher Education's mission to prepare Christian educators, the Spanish Education program provides preparation for teaching Spanish in both public and private schools. In addition to courses in Spanish language, literature and civilization, study abroad opportunities are available. The program requires 73 credits of Spanish language content and education including field experience in classroom teaching.

### Program Learning Outcomes

The student will ...

- Communicate in Spanish at the Advanced level in the interpersonal mode.
- Communicate in Spanish at the Advanced level in the presentational mode.
- Understand Spanish at the Advanced level in the interpretive mode.
- Evaluate Hispanic cultures from a biblical worldview.
- Create and implement standards-based unit plans that are engaging and effective.

**Spanish Comp or Linguistics Elective<sup>5</sup> (3)**

- MLS 441 Advanced Spanish Grammar/Composition (3)
- MLS 442 Introduction to Spanish Linguistics (3)

**Spanish Elective (300/400-level) (12)****Spanish Literature Elective<sup>4</sup> (3)**

- MLS 346 Survey of Spanish Lit (3)
- MLS 446 Golden Age Spanish Lit (3)
- MLS 447 Spanish-American Lit to 1880 (3)
- MLS 448 Spanish-American Lit since 1880 (3)
- MLS 490 Special Topics in Hispanic Literature (3)

Ed 100 Introduction to Education (3)

Ed 300 Foundations in Instructional Technology (3)

Ed 323 Introduction to Exceptional Learners (3)

Ed 331 Practicum: Grades 9–12 (3)

Ed 341 Teaching Foreign Language (Pre-K–12) (3)

Ed 391 Educator Performance &amp; Evaluation (3)

Ed 499 Clinical Practice (9)

**Assessment (Pre-K–6 or 5–12)<sup>7</sup> (2)****Child or Adol Growth & Development<sup>2</sup> (3)**

- Ed 321 Child Growth & Devel (3)
- Ed 322 Adolescent Growth & Devel (3)

**Content Area Reading & Writing<sup>7</sup>**

· Ed 348 Content Area Reading &amp; Writing for High School Teachers (3)

· Ed 359 Content Area Reading &amp; Writing for Early Childhood School Teachers (3)

· Ed 367 Content Area Reading &amp; Writing for Elementary School Teachers (3)

· Ed 378 Content Area Reading &amp; Writing for Middle School Teachers (3)

**BJU Core: 56 credits**

Uni 101 First-Year Seminar (1)

En 102 Composition &amp; Rhetoric (3)

En 103 Composition &amp; Literature (3)

**English or Writing Elective (3)**

Sc 200 Essential Science (3)

**Math/Computer or Science Elective (3)**

Hi 101 History of Civ c. 3500 BC to AD 1650 (3)

Hi 102 History of Civ since 1650 (3)

SSE 200 Foundations of Economics (3)

Ph 200 Themes in Western Thought (3)

Ed 201 Theories of Teaching &amp; Learning (3)

FA 125 Introduction to the Arts (1)

**Fine Arts Appreciation Elective<sup>6</sup> (2)**

· Ar 225 Appreciation of Art (2)

· Mu 225 Appreciation of Music (2)

· ThA 225 Appreciation of Theatre &amp; Film (2)

Com 101 Fundamentals of Speech (3)

Com 205 Classroom Communication (3)

Bi 105 Old Testament Messages (1)

Bi 109 New Testament Messages (1)

Bi 230 Hermeneutics (3)

Bi 350 Bible Doctrines (3)

Bi 360 Bible Doctrines (3)

Bi 499 Apologetics &amp; Worldview (3)

**Bible Elective (300/400-level) (2)****SUGGESTED SCHEDULE****First Year**

Uni 101 First-Year Seminar (1)

En 102 Composition &amp; Rhetoric (3)

MLS 241 Intermediate Spanish I (3)

Ed 100 Introduction to Education (3)

Hi 101 History of Civ. c. 3500 BC to AD 1650 (3)

Bi 105 Old Testament Messages (1)

Com 101 Fundamentals of Speech (3)

**Total Credits: 17**

En 103 Composition &amp; Literature (3)

MLS 242 Intermediate Spanish II (3)

Hi 102 History of Civilization since 1650 (3)

Bi 109 New Testament Messages (1)

FA 125 Introduction to the Arts (1)

Math/Computer or Science Elective<sup>1</sup> (3)**Total Credits: 14****Second Year**

Li 301 Descriptive Linguistics (3)

Sc 200 Essential Science (3)

MLS 244 Intermediate Spanish III (3)

MLS 341 Spanish Composition (3)

Bi 230 Hermeneutics (3)

Ed 201 Theories of Teaching &amp; Learning (3)

**Total Credits: 18**

MLS 342 Spanish Conversation (3)

Ph 200 Themes in Western Thought (3)

Com 205 Classroom Communication (3)

Ed 300 Foundations in Instructional Tech (3)

Spanish Civilization Elective (3)

**Total Credits: 15****Third Year**

Bi 350 Bible Doctrines (3)

Ed 323 Introduction to Exceptional Learners (3)

Ed 391 Educator Performance &amp; Evaluation (3)

Spanish Civilization Elective<sup>3</sup>(3)Spanish Literature Elective<sup>4</sup>(3)

English or Writing Elective (3)

**Total Credits: 18**

Bi 360 Bible Doctrines (3)

Ed 331 Practicum: Grades 9–12 (3)

Ed 341 Teaching Foreign Language (Pre-K–12) (3)

Bible Elective (300/400-level) (2)

Spanish Composition or Linguistics Elective<sup>5</sup> (3)

Spanish Elective (300/400-level) (3)

**Total Credits: 17****Fourth Year**MLS 479 Spanish Seminar<sup>1</sup> (1)

SSE 200 Foundations of Economics (3)

Bi 499 Apologetics &amp; Worldview (3)

Child or Adol Growth & Development<sup>2</sup> (3)Fine Arts Appreciation Elective<sup>6</sup> (2)

Spanish Elective (300/400-level) (3)

Spanish Elective (300/400-level) (3)

**Total Credits: 18**

Ed 499 Clinical Practice (9)

Content Area Reading & Writing<sup>7</sup> (3)**Total Credits: 12**

<sup>1</sup> Students must take the Oral Proficiency Interview (OPI) examination in partial fulfillment of the requirements of this course. Candidates must attain the Advanced level on the OPI exam in order to pass the course. Candidates who receive an Intermediate High rating will pass the course only if they complete the Division Remedial Program and demonstrate consistently the ability to perform at the Advanced Level in all three modes of communication.

<sup>2</sup> Ed 321 Child Growth & Development or Ed 322 Adolescent Growth & Development

<sup>3</sup> MLS 343 Civilization of Latin America or MLS 344 Civilization of Spain

<sup>4</sup> MLS 346 Survey of Spanish Literature, MLS 446 Golden Age Spanish Literature, MLS 447 Spanish-American Literature to 1880, MLS 448 Spanish-American Lit since 1880 or MLS 490 Special Topics in Hispanic Literature.

<sup>5</sup> MLS 441 Advanced Spanish Grammar/Composition or MLS 442 Introduction to Spanish Linguistics

<sup>6</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>7</sup> Ed 348 Content Area Reading & Writing for HS Teachers, Ed 359 Content Area Reading & Writing for Early Childhood School Teachers, Ed 367 Content Area Reading & Writing for ES Teachers or Ed 378 Content Area Reading & Writing for MS Teachers

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.



## Bachelor of Science, **Special Education**

**Marlene L. Reed, MS**  
*Program Coordinator*

<b>Special Education Program Summary</b>	
Major .....	75
BJU Core .....	56
<b>Total (minimum) .....</b>	<b>131</b>

In conjunction with the Teacher Education Division’s commitment to prepare Christian educators to be models of learning and life, the Special Education program provides initial preparation in teaching students in grades Pre-K–12 with mild to moderate disabilities in general and special education settings. Program coursework focuses on foundations and legal aspects of the profession, characteristics of the learner, learning/language differences and identification of mildly–moderately disabled learners (i.e., primarily attention deficit/hyperactivity disorders, emotional disabilities, learning disabilities and intellectual development disabilities), procedures for special education planning, teaching strategies, implementing behavior management strategies in learning environments, professional and ethical practices, and collaboration. The Special Education major requires 75 credits in the major.

### Program Learning Outcomes

The student will ...

- Create individualized plans for students with mild to moderate disabilities that are anchored in state/national and/or common core curriculum standards and reflect remedial skills specific to the individualized education program (IEP).
- Administer appropriate types of assessment to pinpoint strengths and weaknesses of students with mild to moderate disabilities.
- Collaborate with families of students mild to moderate disabilities and/or professionals in designing and planning instruction and/or in delivering effective special education programs.

## DEGREE COURSES

### Major: 75 credits

Sc 103	Biological Science (3)
Ma 110	Foundations of Math for Teachers (3)
CD 206	Introduction to Communicative Disorders (3)
Ed 100	Introduction to Education (3)
Ed 300	Foundations in Instructional Technology (3)
Ed 305	Foundations in Reading for Early Childhood & Elementary School Teachers (3)
Ed 321	Child Growth & Devel (3)
Ed 362	Elem School Teachers (3)
Ed 367	Content Area Reading & Writing for Elem School Teachers (3)
Ed 499	Clinical Practice (9)
Exc 205	Introduction to Exceptional Learners (3)
Exc 311	Characteristics: Emotional Disabilities (3)
Exc 312	Characteristics: Learning Disabilities (3)
Exc 313	Characteristics: Intellectual & Developmental Disabilities (3)
Exc 322	Materials & Methods: Mild Disabilities (3)
Exc 323	Educational Procedures: Mild Disabilities (3)
Exc 332	SPED Practicum: Beginning (2)
Exc 333	SPED Practicum: Intermediate (2)
Exc 334	SPED Practicum: Advanced (2)
Exc 359	Assessment in Special Education (3)
Exc 410	Family, Community & School Collaboration (3)
Exc 451	Teaching Math: Mild Disabilities (3)
Exc 453	Behavior Management (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
Sc 105	Chemical & Physical Science (3)
Ma 109	Essential Math for Teachers (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
Ed 201	Theories of Teaching & Learning (3)
FA 125	Introduction to the Arts (1)
	<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 205	Classroom Communication (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	<i>Bible Elective (300/400-level) (2)</i>

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Sc 103	Biological Science (3)
Sc 105	Chemical & Physical Science (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)	Ed 100	Introduction to Education (3)
Exc 205	Introduction to Exceptional Learners (3)		<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>
	<b>Total Credits: 17</b>		<b>Total Credits: 16</b>

### Second Year

Ma 109	Essential Mathematics for Teachers (3)	Ma 110	Foundations of Math for Teachers (3)
Bi 230	Hermeneutics (3)	Com 205	Classroom Communication (3)
Ed 201	Theories of Teaching & Learning (3)	Ed 305	Foundations in Rdg for Early Childhood & Elementary School Teachers (3)
Ed 300	Foundations in Instructional Technology (3)	Exc 311	Characteristics: Emotional Disabilities (3)
Ed 321	Child Growth & Development (3)	Exc 323	Educational Procedures: Mild Disabilities (3)
	<i>English or Writing Elective (3)</i>	Exc 332	SPED Practicum: Beginning (2)
	<b>Total Credits: 18</b>		<b>Total Credits: 17</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ed 362	Instructional Practices of Reading for Elementary School Teachers (3)	Ph 200	Themes in Western Thought (3)
Exc 312	Characteristics: Learning Disabilities (3)	Ed 365	Assessment of Rdg for Early Childhood & Elementary School Teachers (3)
Exc 322	Materials & Methods: Mild Disabilities (3)	Exc 334	SPED Practicum: Advanced (2)
Exc 333	SPED Practicum: Intermediate (2)	Exc 451	Teaching Math: Mild Disabilities (3)
Exc 359	Assessment in Special Education (3)	Exc 453	Behavior Management (3)
	<b>Total Credits: 17</b>		<b>Total Credits: 17</b>

### Fourth Year

SSE 200	Foundations of Economics (3)	Ed 499	Clinical Practice (9)
Bi 499	Apologetics & Worldview (3)	Ed 367	Content Area Reading & Writing for Elementary School Teachers (3)
CD 206	Introduction to Communicative Disorders (3)		<b>Total Credits: 12</b>
Exc 313	Characteristics: Intellectual & Developmental Disabilities (3)		
Exc 410	Family, Community & School Collaboration (3)		
	<i>Bible Elective (300/400-level) (2)</i>		
	<b>Total Credits: 17</b>		

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Teacher candidacy will be determined by a faculty committee's evaluation of the student's course work and performance near the midpoint of his or her program.





## Bachelor of Science, **Educational Studies**

**Brian A. Carruthers, EdD**  
*Program Coordinator*

### **Educational Studies Program Summary**

Major .....	42-44
BJU Core .....	56
Electives .....	28-30
<b>Total (minimum) .....</b>	<b>128</b>

The Educational Studies program prepares students who are seeking a career in education outside of the traditional classroom setting. This degree does not lead to state-endorsed teacher licensure. The program prepares students to work with children, youth and adults in a variety of settings ranging from nonprofits, community organizations, schools, business and government related entities. Coursework consists of a strong educational core that is connected with an interdisciplinary concentration of the student's choosing. Concentrations include: Arts Integration, Child Studies, Government/Public Policy, Social Services or Teaching English to Speakers of Other Languages. Students completing the program are required to take a two credit service learning experience and a four credit capstone experience which is related to their interdisciplinary concentration. Educational Studies supports the goals of the Division of Teacher Education to apply content and pedagogical skills and to positively impact student learning. Students will complete an education core of 24 credits and an 18-20 credit interdisciplinary concentration plus BJU Core and elective credits.

### **Program Learning Outcomes**

The student will ...

- Apply educational theory to practice.
- Evaluate educational needs and opportunities related service experiences in the local community.
- Execute a service learning project in the local community. Collaborate with families of students mild to moderate disabilities and/or professionals in designing and planning instruction and/or in delivering effective special education programs.

## DEGREE COURSES

### Major: 42–44 credits

Ed 100 Introduction to Education (3)  
 Ed 201 Theories of Teaching & Learning (3)  
 Ed 300 Foundations in Instructional Technology (3)

Ed 323 Intro to Exceptional Learners (3)  
 Ed 390 Service learning for Educators (2)  
 Ed 495 Service learning Capstone (4)  
*Child or Adol Growth & Development* (3)  
 · Ed 321 Child Growth & Development (3)  
 · Ed 322 Adolescent Growth & Development (3)

#### Foundations of Reading Elective<sup>2</sup> (3)

· Ed 305 Foundations in Reading for Early Childhood & Elementary School Teachers (3)  
 · Ed 306 Foundations in Reading for Middle School & High School Teachers (3)

#### Interdisciplinary Concentration<sup>3</sup> (18–21)

· Arts Integration (18)  
 · Child Studies (18)  
 · Government/Public Policy (18)  
 · Social Services (19)  
 · Teaching English to Speakers of Other Languages (21)

### BJU Core: 56 credits

Uni 101 First-Year Seminar (1)  
 En 102 Composition & Rhetoric (3)  
 En 103 Composition & Literature (3)

#### English or Writing Elective (3)

Sc 200 Essential Science (3)  
*Math/Computer or Science Elective* (3)  
 Hi 101 History of Civ c. 3500 BC to AD 1650 (3)

Hi 102 History of Civ since 1650 (3)  
 SSE 200 Foundations of Economics (3)  
 Ph 200 Themes in Western Thought (3)  
 Ps 100 General Psychology (3)  
 FA 125 Introduction to the Arts (1)

#### Fine Arts Appreciation Elective<sup>1</sup> (2)

· Ar 225 Appreciation of Art (2)  
 · Mu 225 Appreciation of Music (2)  
 · ThA 225 Appreciation of Theatre & Film (2)

Com 101 Fundamentals of Speech (3)  
 Com 410 Oral Communications for the Professional (3)

Bi 105 Old Testament Messages (1)  
 Bi 109 New Testament Messages (1)  
 Bi 230 Hermeneutics (3)  
 Bi 350 Bible Doctrines (3)  
 Bi 360 Bible Doctrines (3)  
 Bi 499 Apologetics & Worldview (3)

*Bible Elective (300-400 level)* (2)

### Electives:

28–30 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to Arts (1)		Math/Computer or Science Elective (3)
Ed 100	Introduction to Education (3)		Fine Arts Appreciation Elective <sup>1</sup> (2)
	Electives or Minor (3)		<b>Total Credits: 15</b>

### Second Year

Bi 230	Hermeneutics (3)	Sc 200	Essential Science (3)
Ed 201	Theories of Teaching & Learning (3)	SSE 200	Foundations of Economics (3)
Ed 323	Introduction to Exceptional Learners (3)	Ps 200	General Psychology (3)
	English or Writing Elective (3)		Interdisciplinary Concentration <sup>3</sup> (3)
	Electives or Minor (3)		Electives or Minor (4)
	<b>Total Credits: 15</b>		<b>Total Credits: 16</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 410	Oral Communications for the Professional (3)	Ph 200	Themes in Western Thought (3)
Ed 300	Foundations in Instructional Technology (3)		Child or Adol Growth & Development (3)
Ed 390	Service Learning for Educators (2)		Interdisciplinary Concentration <sup>3</sup> (3)
	Foundations of Reading Elective <sup>2</sup> (3)		Electives or Minor (3)
	Interdisciplinary Concentration <sup>3</sup> (3)		<b>Total Credits: 15</b>
	<b>Total Credits: 17</b>		

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Ed 495	Service Learning Capstone (4)
	Interdisciplinary Concentration <sup>3</sup> (3)		Bible Elective (300/400-level) (2)
	Interdisciplinary Concentration <sup>3</sup> (3)		Interdisciplinary Concentration <sup>3</sup> (3)
	Electives or Minor (8)		Electives or Minor (6)
	<b>Total Credits: 17</b>		<b>Total Credits: 15</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>2</sup> Ed 305 Foundations in Reading for Early Childhood & Elementary School Teachers or Ed 306 Foundations in Reading for Middle School & High School Teachers

<sup>3</sup> Concentrations include: Arts Integration, Child Studies, Government/Public Policy, Social Services or Teaching English to Speakers of Other Languages

## EDUCATIONAL STUDIES INTERDISCIPLINARY CONCENTRATIONS

### Arts Integration Concentration

*Courses: 18 credits*

Ed 310 Disciplinary Learning & Understanding (3)

#### *Art History Elective (3)*

· Ar 310 History of Art: Prehistoric to Middle Ages (3)

· Ar 311 History of Art: Renaissance to Contemporary (3)

*Fine Arts or Humanities Electives (300/400 level) (12)*

### Child Studies Concentration

*Courses: 18 credits*

Ed 250 Foundations in Early Child Care & Education (3)

Ed 251 Child Health & Safety (3)

Ed 352 Early Childhood Curriculum (3)

Ed 358 Home, School & Community Relations (3)

Ed 366 Children's Literature (3)

SSS 304 Social Problems (3)

### Government/Public Policy

*Concentration Courses: 18 credits*

SSP 207 National Government (3)

SSP 208 State & Local Government (3)

SSP 304 American Political Parties/Interest Groups (3)

SSP 401 Essentials of Public Policy (3)

SSE 210 Economics for the Professional (3)

SSS 304 Social Problems (3)

### ARTS INTEGRATION CONCENTRATION

The purpose of the program is to teach the value of the creative arts in the context of a Christian worldview, to model the power of arts-integration in raising educational outcomes, and to create opportunities for using these strategies in classroom and community venues.

#### Program Learning Outcomes

The student will...

- Articulate the value God places on aesthetics generally and art-integrated learning/enrichment specifically.
- Document the power of the arts to raise learning outcomes and enrich the community.
- Design and deliver arts-based learning experiences for classroom and community venues

### CHILD STUDIES CONCENTRATION

The Child Studies concentration draws on courses from child growth and development, education, and special education, and prepares students for professional work with young children and families in education, faith-based, and community-focused programs. It also prepares students interested in graduate work in Psychology, Social Work, Criminal Justice, Education, Community Service/Nonprofit, or Health/Human Services related fields involving children and families.

#### Program Learning Outcomes

The student will...

- Incorporate knowledge of child growth and development in the design and evaluation of appropriate programs and services.
- Incorporate diverse teaching methods and strategies which are appropriate to addressing the needs of children and families.
- Apply knowledge and understanding of family, culture, and community characteristics to build effective relationships with children, families, and community members.
- Translate theory into practice.

### GOVERNMENT/PUBLIC POLICY CONCENTRATION

The Government-Public Policy concentration prepares students to work in both the public and private sector of educational development as research and policy analysts.

#### Program Learning Outcomes

The student will...

- Describe and apply the models used to analyze and create public policy
- Illustrate the major steps involved in policy design and implementation.
- Identify the priorities of the various public and private actors engaged in implementing public policies.

### Social Services Concentration

Courses: 19 credits

CJ 101	Introduction to Criminal Justice (3)
SSS 202	Introduction to Sociology (3)
SSS 304	Social Problems (3)
SSS 375	Readings & Research in Social Services (3)
SSS 405	Seminar in Social Services (1)
SSP 401	Essentials of Public Policy (3)
Ps 402	Clinical Psychology (3)

### TESOL Concentration

Courses: 20 credits

Li 301	Descriptive Linguistics (3)
En 509	Structure of Modern English (3)
En 510	Advanced Grammar for TESOL (2)
En 516	TESOL Methods (3)
<i>Cultural/Intercultural Elective (3)</i>	
· SSS 504	Cultural Anthropology (3)
· Com 520	Intercultural Communication (3)
<i>Modern Language Elective (6)</i>	

## SOCIAL SERVICES CONCENTRATION

The Social Services concentration is a dynamic and interdisciplinary combining practical training and academic study. The concentration targets the study of psychology, social science, criminal justice, and social policy and is designed with suggested electives to afford the student a broad overview of the impact of education, healthcare, criminal justice, and social and human services on society. For students wishing to obtain licensure in the Social Services/Social Work communities, this concentration provides a foundation for graduate work in the field.

### Program Learning Outcomes

The Student will...

- Develop the necessary ethical and legal standards for education and social service settings.
- Articulate a biblical worldview of education and social and human services.
- Engage and employ skills to interact with students, clients, and peers in the field.
- Demonstrate knowledge to perform diverse responsibilities in education, human and social services.
- Integrate concepts providing support to education, sociology, and counseling fields.

## TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

The Teaching English to Speakers of Other Languages (TESOL) concentration prepares students to teach English to non-native speakers, primarily in a ministry setting, in the United States or abroad. The concentration includes coursework in English structure, linguistics, ESL/EFL teaching methods, modern language, and cultural matters. A student who chooses SSS 504 can qualify for the TESOL Certificate of Completion, Intermediate Level.

### Program Learning Outcomes

The Student will...

- Describe the structure of sentences or short passages
- Write workable and well-formed lesson plans for English language learners

# DIVISION OF HEALTH, EXERCISE & SPORT



**Stephen C. Chen, PhD**

*Chair*

The Division of Health, Exercise and Sport Science of the School of Education offers majors in Health and Fitness Training, Exercise Science and Sports Management, and a minor in Coaching. Courses in the division are offered for students who desire knowledge and skills in health, exercise science, sports management and coaching. Courses are also available as general electives.

## PURPOSE

Courses in the division support the University's goal to build Christlike character as well as provide instruction in health, exercise science, sports management and coaching. The division prepares students for work in coaching, recreation centers and fitness facilities.

## GOALS

The student will ...

- Articulate a biblical foundation in regard to health, fitness and recreation professions as service and ministry opportunities.
- Properly administer fitness and recreational programs based on assessments and needs of a variety of populations.
- Evaluate past and current health and fitness trends based on sound scientific principles.

# COACHING MINOR

The Coaching minor provides preparation for coaching in schools and instruction in the administration of community and church recreation programs. It also prepares students for a camp ministry or work on the mission field. A coaching practicum complements classroom instruction and provides valuable practical experience.

A minor in Coaching consists of ESS 212 First Responder (3), ESS 216 Coaching Principles (2), ESS 217 Coaching Practicum (2), ESS 250 Prevention/Care of Athletic Injuries (3), four credits with an ESS prefix, and four credits of coaching electives from ESS 301 Coaching Basketball (2), ESS 313 Coaching Soccer (2), ESS 319 Coaching Volleyball (2), or ESS 320 Coaching Softball (2).

## Associate of Science, Health & Fitness Training

**Vickie C. Britton, MA**  
Program Coordinator

Health & Fitness Training Program Summary	
Major .....	26
BJU Core .....	27
Electives .....	11
<b>Total (minimum).....</b>	<b>64</b>

### DEGREE COURSES

Major: 26 credits

ESS 105	Foundations of Exercise Science & Sport (3)
ESS 200	Sports & Society (2)
ESS 206	Wellness Concepts (3)
ESS 212	First Responder (3)
ESS 250	Prevention/Care of Athletic Injuries (3)
ESS 260	Adv Concepts Personal Training I (3)
ESS 261	Adv Concepts Personal Training II (3)
ESS 335	Psychology of Physical Activity (3)
ESS 336	Legal & Ethical Issues in Sport (3)

BJU Core: 27 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
<i>English Composition (3)</i>	
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 240	Applied Christian Thought (3)

Electives  
11 credits

The Associate of Science major in Health & Fitness Training curriculum provides a broad background examining the acute and chronic physiological effects of exercise and physical activity on individuals of all ages for optimal health and fitness, and the promotion of a physically active lifestyle. Graduates will be able to conduct health and fitness assessments, design safe and effective exercise programs for health, fitness and sports performance enhancement, conduct a variety of individual and group exercise programs, and incorporate techniques for injury prevention and care in physically active environments.

### Program Learning Outcomes

The student will ...

- Conduct accurate health and fitness assessments using appropriate techniques for a variety of populations.
- Formulate safe and effective exercise prescriptions and programming of a variety of populations.
- Implement current technology to support in-depth inquiry and professional practice.

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 102	Composition & Rhetoric (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Com 101	Fundamentals of Speech (3)
ESS 105	Foundations of Exercise Science & Sport (3)	ESS 200	Sports & Society (2)
	English Composition (3)	ESS 206	Wellness Concepts (3)
	Electives (7)		Mathematics or Science Elective (3)
	<b>Total Credits: 16</b>		Electives (1)
			<b>Total Credits: 16</b>

### Second Year

Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
ESS 212	First Responder (3)	Bi 240	Applied Christian Thought (3)
ESS 260	Adv Concepts Personal Training I (3)	ESS 250	Prevention/Care of Athletic Injuries (3)
ESS 335	Psychology of Physical Activity (3)	ESS 261	Adv Concepts Personal Training II (3)
	Fine Arts Appreciation Elective <sup>1</sup> (2)	ESS 336	Legal & Ethical Issues in Sport (3)
	Electives (2)		Electives (1)
	<b>Total Credits: 16</b>		<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film



## Bachelor of Science, **Exercise Science**

**Stephen C. Chen, PhD**  
*Program Coordinator*

The major in Exercise Science is a science-based curriculum that provides a broad background examining the acute and chronic physiological effects of physical activity and exercise on individuals of all ages for optimal health and fitness and the promotion of a physically active lifestyle. Graduates will be able to conduct health and fitness assessments; design safe and effective exercise programs for health, fitness and sports performance enhancement; conduct a variety of individual and group exercise programs; and incorporate techniques for injury prevention and care in physically active environments. The Applied Physiology concentration provides additional science courses to prepare students for post graduate study in rehabilitative sciences such as physical and occupational therapy, exercise physiology, health aspects of physical activity, athletic training, and sports nutrition. The Fitness and Wellness concentration provides additional nutrition and exercise science courses to prepare students for employment as a fitness trainer in community, corporate or clinical settings or as a strength and conditioning specialist to improve athletic performance in high schools, collegiate and professional programs. Through coursework, practicums, and internship, students will be prepared to sit for the entry-level professional certification examinations from American College of Sports Medicine or the National Strength and Conditioning Association. The program requires 128 credits and supports the goals of the Division of Health, Exercise & Sport Science.

## Exercise Science (Applied Physiology) Program Summary

Major	59
BJU Core	57
Electives	12
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 59 credits

Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
FN 260	Nutrition (3)
<i>Chemistry Elective<sup>2</sup> (4)</i>	
· Chm 103	General Chemistry (4)
· Chm 105	Foundational of Chemistry (4)
ESS 105	Foundations of Exercise Science & Sport (3)
ESS 300	Exercise Testing & Prescription (3)
ESS 321	Biomechanics (4)
ESS 322	Physiology of Exercise (4)
ESS 333	Exercise Science Practicum (2)
ESS 423	Motor Learning (3)
ESS 424	Research Methods in Exercise & Sports (3)
ESS 428	Professional Development in Exercise Science (1)
ESS 450	Exercise Science Internship (6)
<i>ESS Elective (400-level) (3)</i>	
<i>Science Electives (12)</i>	

### BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
<i>Biology Elective<sup>1</sup> (4)</i>	
· Bio 100	General Biology I (4)
· Bio 102	Principles of Biology (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
<i>Math Elective<sup>4</sup></i>	
· Ma 103	College Algebra (3)
· Ma 320	Applied Statistics (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective1 (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

12 credits and/or select a minor

## SUGGESTED SCHEDULE Applied Physiology

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
ESS 105	Foundations of Exercise Science & Sport (3)	FA 125	Introduction to the Arts (1)
	Math Elective <sup>4</sup> (3)	Com 101	Fundamentals of Speech (3)
	Biology Elective <sup>1</sup> (4)		Science Elective (4)
	<b>Total Credits: 15</b>		<b>Total Credits: 16</b>

### Second Year

Bio 304	Human Anatomy & Physiology II (4)	FN 260	Nutrition (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
ESS 300	Exercise Testing & Prescription (3)		English or Writing Elective (3)
	Science Elective (4)		Science Elective (4)
	<b>Total Credits: 17</b>		<b>Total Credits: 16</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
ESS 333	Exercise Science Practicum (2)	Com 410	Oral Comm. for the Professions (3)
ESS 321	Biomechanics (4)	ESS 322	Physiology of Exercise (4)
ESS 428	Professional Development in Exercise (1)	ESS 423	Motor Learning (3)
	Chemistry Elective <sup>2</sup> (4)		Electives or Minor (3)
	Philosophy or Psychology Elective (3)		<b>Total Credits: 16</b>
	<b>Total Credits: 17</b>		

### Fourth Year

Bi 499	Apologetics & Worldview (3)	ESS 450	Exercise Science Internship (6)
Ph 200	Themes in Western Thought (3)		Bible Elective (300/400-level) (2)
ESS 424	Research Methods in Exercise & Sports (3)		ESS Elective (400-level) (3)
	Fine Arts Appreciation Elective <sup>3</sup> (2)		Electives or Minor (4)
	Electives or Minor (5)		<b>Total Credits: 15</b>
	<b>Total Credits: 16</b>		

<sup>1</sup> Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.

<sup>2</sup> Student will consult with his or her advisor to determine appropriate course selection: Chm 103 General Chemistry or Chm 105 Foundational of Chemistry.

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film.

<sup>4</sup> Ma 103 College Algebra or Ma 320 Applied Statistics

## EXERCISE SCIENCE (Applied Physiology)

### Program Learning Outcomes

The student will . . .

- Solve problems related to responses and adaptations to physical activity and exercise by applying an advanced understanding of functional anatomy and physiology.
- Apply basic clinical and laboratory skills pertaining to health status assessment and fitness testing for a healthy client and for someone with lifestyle related disease.
- Design and implement effective and safe exercise programs to reduce disease risk and to improve cardiovascular endurance, musculoskeletal fitness, and body composition in both healthy and diseased populations.
- Apply the skills and abilities to critically evaluate, interpret and integrate information from the scientific literature related to exercise and health.
- Articulate a view of physical activity and wellness that reflects a Christian worldview.
- Interpret and critique experimental data and study designs, generate testable hypotheses and design valid experiments to test hypotheses in the laboratory or in the field.



## Exercise Science (Fitness & Wellness) Program Summary

Major	58
BJU Core	57
Electives	13
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

Major: 58 credits

Bio 303	Human Anatomy & Physiology I (4)
Bio 304	Human Anatomy & Physiology II (4)
FN 260	Nutrition (3) <i>Nutrition or Psychology Elective (3)</i>
	<i>Chemistry Elective<sup>2</sup> (4)</i>
	· Chm 103 General Chemistry (4)
	· Chm 105 Foundational of Chemistry (4)
ESS 105	Foundations of Exercise Science & Sport (3)
ESS 206	Wellness Concepts (3)
ESS 300	Exercise Testing & Prescription (3)
ESS 321	Biomechanics (4)
ESS 322	Physiology of Exercise (4)
ESS 333	Exercise Science Practicum (2)
ESS 334	Fitness & Wellness Practicum (2)
ESS 423	Motor Learning (3)
ESS 428	Professional Development in Exercise Science (1)
ESS 450	Exercise Science Internship (6) <i>ESS Elective (200/300-level) (3)</i> <i>ESS Elective (400-level) (6)</i>

BJU Core: 57 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
	<i>English or Writing Elective (3)</i>
	<i>Biology Elective<sup>1</sup> (4)</i>
	· Bio 100 General Biology I (4)
	· Bio 102 Principles of Biology (4)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
	<i>Math Elective<sup>4</sup></i>
	· Ma 103 College Algebra (3)
	· Ma 320 Applied Statistics (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
	<i>Philosophy or Psychology Elective (3)</i>
FA 125	Introduction to the Arts (1)
	<i>Fine Arts Appreciation Elective1 (2)</i>
	· Ar 225 Appreciation of Art (2)
	· Mu 225 Appreciation of Music (2)
	· ThA 225 Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
	<i>Bible Elective (300/400-level) (2)</i>

## SUGGESTED SCHEDULE Fitness & Wellness

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Bio 303	Human Anatomy & Physiology I (4)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
ESS 105	Foundations of Exercise Science & Sport (3)	FA 125	Introduction to the Arts (1)
	Math Elective <sup>4</sup> (3)	Com 101	Fundamentals of Speech (3)
	Biology Elective <sup>1</sup> (4)	ESS 206	Wellness Concepts (3)
	<b>Total Credits: 15</b>		<b>Total Credits: 15</b>

### Second Year

Bio 304	Human Anatomy & Physiology II (4)	FN 260	Nutrition (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
ESS 300	Exercise Testing & Prescription (3)	ESS 333	Exercise Science Practicum (2)
	ESS Elective (200/300-level) (3)		English or Writing Elective (3)
	<b>Total Credits: 16</b>		Electives or Minor (3)
			<b>Total Credits: 17</b>

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	ESS 322	Physiology of Exercise (4)
Com 410	Oral Communication for the Professions (3)	ESS 334	Fitness & Wellness Practicum (2)
	Chemistry Elective <sup>2</sup> (4)	ESS 423	Motor Learning (3)
	Electives or Minor (3)		Fine Arts Appreciation Elective <sup>3</sup> (2)
	<b>Total Credits: 16</b>		Philosophy or Psychology Elective (3)
			<b>Total Credits: 17</b>

### Fourth Year

Bi 499	Apologetics & Worldview (3)	ESS 450	Exercise Science Internship (6)
ESS 321	Biomechanics (4)		Bible Elective (300/400-level) (2)
ESS 428	Professional Development in Exercise (1)		ESS Elective (400-level) (3)
	ESS Elective (400-level) (3)		Nutrition or Psychology Elective (3)
	Electives or Minor (6)		Electives or Minor (1)
	<b>Total Credits: 17</b>		<b>Total Credits: 15</b>

<sup>1</sup> Student will consult with his or her advisor to determine appropriate course selection: Bio 100 General Biology I or Bio 102 Principles of Biology.

<sup>2</sup> Student will consult with his or her advisor to determine appropriate course selection: Chm 103 General Chemistry or Chm 105 Foundational of Chemistry

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

<sup>4</sup> Ma 103 College Algebra or Ma 320 Applied Statistics

## EXERCISE SCIENCE (Fitness & Wellness)

### Program Learning Outcomes

The student will . . .

- Solve problems related to responses and adaptations to physical activity and exercise by applying an advanced understanding of functional anatomy and physiology.
- Apply basic clinical and laboratory skills pertaining to health status assessment and fitness testing for a healthy client and for someone with lifestyle related disease.
- Design and implement effective and safe exercise programs to reduce disease risk and to improve cardiovascular endurance, musculoskeletal fitness, and body composition in both healthy and diseased populations.
- Apply the skills and abilities to critically evaluate, interpret and integrate information from the scientific literature related to exercise and health.
- Articulate a view of physical activity and wellness that reflects a Christian worldview.
- Evaluate the nutrient needs for optimizing health and preventing chronic diseases through the life cycle.



Bachelor of Science, **Sports Management**

**Anthony W. Miller, EdD**  
*Program Coordinator*

<b>Sports Management Program Summary</b>	
Major .....	51
BJU Core .....	56
Electives .....	21
<b>Total (minimum) .....</b>	<b>128</b>

The Sports Management major offers preparation in the application of business principles to the sports industry. Students will complete a degree program that includes courses in accounting, ethics, management, marketing and psychology.

**Program Learning Outcomes**

The student will ...

- Apply ethical principles based on a biblical worldview to sports management settings.
- Create a sports marketing plan.
- Apply legal concepts to sports management.
- Execute financial skills required in sports management.
- Experience supervised, meaningful work in a sport-related organization based upon his or her desired future career.
- Understand the learning processes and be able to demonstrate skill in using techniques in coaching

## DEGREE COURSES

### Major: 51 credits

ESS 101	Introduction to Sports Management (3)
ESS 105	Foundations of Exercise Science & Sport (3)
ESS 200	Sports & Society (2)
ESS 201	Sports Marketing & Communication (3)
ESS 202	Sports Facilities Management (3)
ESS 212	First Responder (3)
ESS 216	Coaching Principles (2)
ESS 217	Coaching Practicum (2)
ESS 330	Sports Mgmt Practicum I (2)
ESS 331	Sports Mgmt Practicum II (2)
ESS 332	Sports Mgmt Practicum III (2)
ESS 335	Psychology of Physical Activity (3)
ESS 336	Legal & Ethical Issues in Sport (3)
ESS 440	Sports Management Internship (6)
<i>Accounting Elective<sup>1</sup> (3)</i>	
· Ac 103	Introduction to Accounting (3)
· Ac 203	Principles of Accounting I (3)
BA 301	Legal Environment & Ethics of Business (3)
Mkt 205	Principles of Marketing (3)
<i>Finance Elective<sup>2</sup> (3)</i>	
· Fin 201	Corporate Finance (3)
· Fin 202	Small Business Finance (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer Science Elective (3)</i>	
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)	ESS 101	Introduction to Sports Management (3)
ESS 105	Foundations of Exercise Science & Sport (3)	<i>Accounting Elective<sup>1</sup> (3)</i>	
<i>Math/Computer Science Elective (3)</i>		<i>Electives or Minor (1)</i>	
<b>Total Credits: 17</b>		<b>Total Credits: 15</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Ph 200	Themes in Western Thought (3)
Bi 230	Hermeneutics (3)	Sc 200	Essential Science (3)
ESS 202	Sports Facilities Management (3)	ESS 200	Sports & Society (2)
Mkt 205	Principles of Marketing (3)	ESS 330	Sports Management Practicum I (2)
<i>English or Writing Elective (3)</i>		<i>Finance Elective<sup>2</sup> (3)</i>	
<i>Fine Arts Appreciation Elective<sup>3</sup> (2)</i>		<i>Electives or Minor (2)</i>	
<b>Total Credits: 17</b>		<b>Total Credits: 15</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Com 410	Oral Communication for the Professions (3)	ESS 212	First Responder (3)
ESS 201	Sports Marketing & Communication (3)	ESS 217	Coaching Practicum (2)
ESS 216	Coaching Principles (2)	ESS 332	Sports Management Practicum III (2)
ESS 331	Sports Management Practicum II (2)	<i>Philosophy or Psychology Elective (3)</i>	
ESS 335	Psychology of Physical Activity (3)	<i>Electives or Minor (3)</i>	
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	ESS 336	Legal & Ethical Issues in Sport (3)
BA 301	Legal Environment & Ethics of Business (3)	ESS 440	Sports Management Internship (6)
<i>Electives or Minor (10)</i>		<i>Bible Elective (300/400-level) (2)</i>	
<b>Total Credits: 16</b>		<i>Electives or Minor (5)</i>	
		<b>Total Credits: 16</b>	

<sup>1</sup> Ac 103 Introduction to Accounting or Ac 203 Principles of Accounting

<sup>2</sup> Fin 201 Corporate Finance or Fin 202 Small Business Finance

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

# COURSES

## DIVISION OF TEACHER EDUCATION

### CHILD CARE

#### **ECC 141** Infant & Toddler Development & Care

A study of the physical, cognitive, social, emotional and spiritual domains of early development with application to the unique care and guidance needs of very young children, birth through age 36 months. Procedures for objectively observing, recording and analyzing the development of young children. Special emphasis on learning caregiving techniques and providing a developmentally appropriate physical environment and curriculum for children under the age of 36 months. This course requires lab hours in the campus child development center. *Second semester, three credits.*

#### **ECC 200** Language & Literacy Experiences for Young Children

Overview of early language and literacy development as well as methods and materials for fostering young children's listening, speaking, and emergent reading and writing skills. Students will also learn how to design and evaluate language-rich environments for young children and how to select, evaluate, and incorporate quality children's literature throughout the curriculum. This course includes practical application in campus early care and education center. *First semester, three credits.*

#### **ECC 222** Learning Technologies

An introductory course in technology for early childcare professionals. Students will examine and develop skills using commercial, non-commercial, computer generated media and the internet. Students will learn how to apply these skills to teaching and learning, relating to parents and developing professional communications. *Second semester, Three credits.*

#### **ECC 251** Field Experience: Infants & Toddlers

Students complete a minimum of 60 hours of supervised field experience in infant and toddler settings. Students will fulfill professional responsibilities and apply understanding of development and developmentally appropriate practices with very young children, birth through age 3, and their families. Additionally, students meet weekly with their supervisor and review observation and assessment techniques, curriculum planning, and appropriate adult/child interactions. *Both semesters, three credits. Prerequisite: ECC 146.*

#### **ECC 252** Field Experience: Preschool

Students complete a minimum of 60 hours of supervised field experience in K-3 and K-4 settings. In this course, students expand their professional responsibilities by applying learning and development theories, demonstrating developmentally appropriate practices, and writing lesson plans for preschool children. Students meet

weekly with their supervisor to review professional growth and development, appropriate adult/child interactions, effective curriculum planning, and appropriate assessment and documentation techniques. *Both semesters, three credits. Prerequisite: ECC 146.*

## PROFESSIONAL EDUCATION

**Ed 095-099** Practicum Remediation Pre K-Grade 12  
This course provides the student an opportunity to improve on his practicum skills by participating in a second practicum course. While having the same basic requirements as the previously taken practicum course, it places emphasis on the professional and pedagogy areas which need to be strengthened of each particular student. *Zero credit, zero load.*

**Ed 100** Introduction to Education  
The objectives of education; organizations, curricula, support, administration and control in the elementary, secondary, vocational and higher divisions; educational personnel and professional relationships; overview of tech prep opportunities in the field of education, an overview of the history and philosophy of American education and relevant research. *Students will begin their pre-clinical practice experiences. Both semesters, three credits.*

**Ed 180** Introduction to Music Education  
An introduction to the music education profession, Pre-K-12. Topics include the role of the Christian teacher, curricular

expectations, historical and philosophical underpinnings of Christian and public school music teaching, an introduction to methods of music teaching, and professional opportunities such as Kindermusik, multi-cultural musical missions and music retailing. Includes observations of various music learning situations. *Both semesters, two credits.*

**Ed 201** Theories of Teaching & Learning  
Psychology as applied to education: original tendencies; laws of learning; amount, rate, limit, conditions, spread and permanence of improvement; mental work and fatigue; research; and individual differences. Sequential and incremental formal, structured clinical experiences in a school setting are included as part of this course. *Lecture and field experience. Both semesters, Distance Learning, three credits.*

**Ed 250** Foundations in Early Child Care & Education  
An introduction to early care and education with an overview of the historical and theoretical foundations of developmentally appropriate practices. The course will also introduce students to state regulations and early learning standards with special emphasis on the importance of professionalism and applying a Scriptural, ministry-minded approach to working with young children and families. *Second semester, three credits.*

**Ed 251** Child Health & Safety  
Methods of establishing a safe and healthy environment for children in Pre-K-3. The student will work to obtain certification in CPR and First Aid. Students will be required to complete a criminal background check. *First semester, three credits.*

**Ed 253** Introduction to the Exceptional Young Child  
Identification of the various classifications of exceptionality in young children. Students will be able to explain various causes for specific delays/disorders, describe environmental and educational accommodations that could be made to include children with exceptionalities, identify federal legislation affecting children with special needs and their families, and utilize various professional and community resources to support exceptional children and their families. *Second semester, three credits.*

**Ed 260** Behavior & Development of the Young Child  
This course is an introduction to child growth and development, birth through age eight, with an emphasis on the interrelationships of the physical, intellectual, language, social, emotional and spiritual domains of development. Factors influencing development are also examined as are current and historical trends, issues, theories, research studies and research methods used in the study of child development. Lab hours are integral components of this course. *First semester, three credits.*

**Ed 300** Foundations in Instructional Technology  
An introductory course in technology for the classroom. This course provides experiences that support two perspectives—technology to assist teachers (computer-managed instruction) and technology to assist learners (computer-based instruction). Students will develop proficiency with the effective design and use of a wide variety of tools including multimedia, productivity software, web-based resources, interactive whiteboards and other current or emerging technologies. *Both semesters, three credits.*

**Ed 305** Foundations in Reading for Early Childhood & Elementary School Teachers  
This course examines the theoretical and evidence-based foundations of literacy processes and instruction including oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. It also includes the historical progression of reading and writing instruction, and the role of professional learning, leadership and judgment for teachers. This course is aligned with South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood, elementary and special Ed teachers. *Both semesters, Distance education, three credits. Prerequisite: En 102*

**Ed 306** Foundations in Reading for Middle School & High School Teachers  
This course examines the theoretical and evidence-based foundations of literacy processes and instruction including oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. It also includes the historical

progression of reading and writing instruction, and the role of professional learning, leadership and judgment for teachers. This course is aligned with South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Requirement (Instructional) Endorsement in South Carolina for middle school and high school teachers. Both semesters, Distance education, three credits. Prerequisite: En 102

**Ed 310** Disciplinary Learning & Understanding  
This course emphasizes creativity to develop disciplinary literacy and transliterate strategies that reinforce learning, highlight the value of the humanities, and encourage collaboration in the community. *Second semester. Three credits.*

**Ed 321** Child Growth & Development  
The physical, emotional, intellectual, cultural and spiritual growth of the child from infancy to adolescence. Emphasis on the development of the child in relation to the school. *Both semesters, Distance Learning, three credits.*

**Ed 322** Adolescent Growth & Development  
The physical, emotional, intellectual, cultural and spiritual growth of the child from preadolescence to maturity. Emphasis on the development of the adolescent in relation to the school. *Both semesters, Distance Learning, three credits.*

**Ed 323** Introduction to Exceptional Learners  
History, legal foundations and current trends in special education, with surveys of the following exceptionalities: attention deficit disorders, emotional-behavior disorders, giftedness, health/physical impairments, hearing impairments, learning disabilities, mental retardation, speech/language disorders, visual impairments. Additional topics include assessment, parents and instructional planning. *Both semesters, Distance Learning, three credits. Excludes: Exc 205.*

**Ed 331** Practicum: Grades 9–12  
This course will provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing and Evaluating Professional Teaching (ADEPT). *Both semesters, three credits. Prerequisite: Teacher Candidacy—Passed.*

**Ed 333** Practicum: Grades 2–6  
The purpose of this course is to provide structured opportunities to work with children in school and classroom settings (grades 2–6). Candidates are required to create lessons plans based on South Carolina Academic Standards.

Candidate's teaching will be evaluated using the South Carolina ADEPT Standards. *Both semesters, four credits.*  
*Prerequisite: Teacher Candidacy—Passed and Ed 300, and Ed 361 or Ed 362. Corequisite: Ed 360.*

#### **Ed 334** Practicum: Grades 5–8

This course will provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. Candidates are required to create lessons based on the South Carolina Academic Standards. A candidate's teaching will be evaluated using the South Carolina Standards for Assisting, Developing and Evaluating Professional Teaching (ADEPT). *Second semester, three credits.*  
*Prerequisite: Teacher Candidacy—Passed.*

#### **Ed 340** Teaching English: Writing (9–12)

Materials, methods, procedures, and related topics in the teaching of English language arts in grades 9–12. Emphasizes the educational aspects of organization and planning, as well as instructional strategies specific to the teaching of grammar and writing in the English class. Also includes reviews of educational literature, as well as of textbooks, supplemental materials, and educational software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. Field experience is included. *First semester, four credits. Identical to Ed 370.*

#### **Ed 341** Teaching Foreign Language (Pre-K–12)

Materials, methods, national and state standards, and related topics in the teaching of a foreign language in the elementary school, middle school and high school. Also includes selection, evaluation and use of educational software and internet resources. Students will observe six demonstration classes in a local school. Candidates are required to create lessons based on the South Carolina Academic Standards. *Second semester, three credits.*

#### **Ed 342** Teaching Social Studies (9–12)

Materials, methods, procedures and related topics in the teaching of social studies in the high school. Also includes selection, evaluation and use of educational software. Methods of teaching the students to read the literature in the subject are emphasized. Students will observe six demonstration classes in a local school during the second eight weeks. Students will develop a resource unit. *Second semester, three credits. Identical to Ed 372.*  
*Prerequisite: Ed 300.*

#### **Ed 343** Teaching Mathematics (9–12)

Provides the prospective high school mathematics teacher with a broad background in special teaching methods related to mathematics and characteristics of mathematics. This course prepares the student to make good decisions and balanced judgments about philosophy, textbooks, innovative

ideas, curriculum content, teaching methods and strategies. Candidates are required to create lessons based on the South Carolina Academic Standards. *First semester, three credits.*  
*Identical to Ed 373.*

#### **Ed 344** Teaching Natural Science (9–12)

Materials, methods, procedures and related topics in the teaching of science in the middle and high school. Students will develop a teaching unit, do demonstrations and practice the most effective strategies in planning and implementing a science lesson. Candidates are required to create lessons based on the South Carolina Academic Standards. *Second semester, three credits. Identical to Ed 374.*

#### **Ed 346** Teaching English: Literature (9–12)

Materials, methods, procedures and related topics in the teaching of American, British and world literature/global studies in grades 9–12. Emphasizes the educational aspects of the learner, instructional strategies specific to the teaching of literature in the English class, and assessment. Also includes reviews of educational literature, as well as textbooks, supplemental materials, and software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. *Identical to Ed 376. First semester, three credits. Prerequisite: Ed 340.*

#### **Ed 347** Teaching Adolescent Literature

This course provides an interpretive and critical study of literature for adolescents. It also addresses visual methods and media related to the study and presentation of adolescent literature, including graphic novels, interactive media and arts integration resources. *First semester, three credits.*

#### **Ed 348** Content Area Reading & Writing for High School Teachers

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course is aligned with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course includes a practicum and meets the requirements of the Read to Succeed Act for the R2S Requirement (Instructional) Endorsement in South Carolina for high school teachers. *Both semesters, Three credits. Prerequisite: Ed 306. Corequisite: Ed 499. Excludes: Ed 378.*

**Ed 350** Practicum I: Pre-K-3

This is the first of two supervised field experiences that Early Childhood Education teacher candidates complete in a Pre-K, Kindergarten or First Grade classroom. This experience is taken together with junior-level methods courses and provides structured opportunities for candidates to gain skills in planning, teaching and working with students under the supervision of a mentor teacher and university educator. Candidates create formal lesson plans using the South Carolina (College and Career Readiness)/Academic Standards and are evaluated using the South Carolina ADEPT Standards and the SC Teaching Standards 4.0 Rubric. A minimum of 60 hours of classroom experience must be completed in this practicum, and these hours contribute to the 100 hours (minimum) of supervised school activities required prior to clinical practice. Attendance and activity logs are also required for documenting this practicum and become part of each candidate's final digital portfolio. *First semester, two credits, Prerequisite: Teacher Candidacy—Passed.*

**Ed 351** Practicum II: Pre-K-3

This is the second of two supervised field experiences that Early Childhood Education teacher candidates complete in a Pre-K, Kindergarten or First Grade classroom. This experience is taken together with junior-level methods courses and provides continued opportunities for candidates to practice skills of planning, teaching and working with students under the supervision of a mentor teacher and university educators. Candidates create and teach differentiated lessons and assessment plans using the South Carolina (College and Career Readiness)/Academic Standards and are evaluated using the South Carolina ADEPT Standards and the SC Teaching Standards 4.0 Rubric. A minimum of 60 hours of classroom experience must be completed in this practicum, and these hours contribute to the 100 hours (minimum) of supervised school activities required prior to clinical practice. Attendance and activity logs are also required for documenting this practicum and become part of each candidate's final digital portfolio. *Second semester, two credits, Prerequisite: Teacher Candidacy—Passed. Prerequisite: Ed 350*

**Ed 352** Early Childhood Curriculum

Broad overview of materials and methods for teaching young children across developmental domains, with an emphasis on the South Carolina Early Learning Standards. Candidate will write and teach a developmentally appropriate lesson in a Pre-K-3 setting. *Both semesters, three credits. Prerequisite: Ed 250.*

**Ed 353** Instructional Practices of Reading for Early Childhood School Teachers

This course explores effective strategies necessary for implementing a comprehensive and balanced literacy

program in the early childhood classroom. Candidates utilize instructional materials and methods for facilitating the development of the major literacy components (oral language, phonological awareness, phonics, fluency, vocabulary and comprehension). Candidates create lessons based on the South Carolina Academic Standards and utilize these lessons to teach guided reading groups. Assessment techniques appropriate for grading literacy are presented. This course is focused on the developmental nature of literacy growth in the early childhood years and aligns with NAEYC initial licensure standards along with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood and special Ed teachers. *First semester, three credits. Prerequisite: Ed 305*

**Ed 354** Teaching Science (Pre-K-3)

Introduction to strategies for teaching and learning basic science process skills, principles and concepts in the early childhood years (Pre-K-3rd grade), with special emphasis on active, hands-on, evidence-based instruction and materials, including technology tools. Candidates will gain and apply knowledge of the South Carolina ADEPT Performance Standards and prepare developmentally-appropriate activities and lesson and assessment plans based on national and South Carolina Academic Standards. *Second semester, three credits.*

**Ed 355** Teaching Social Studies (Pre-K-3)

Introduction to strategies for teaching and learning of the social studies in the early childhood years (Pre-K-3rd grade), with a special emphasis on children's spiritual, social and emotional development and on teaching and learning with music, movement, creative arts, technology tools, and inquiry and literature-based approaches. Candidates will gain and apply knowledge of the South Carolina ADEPT Performance Standards, prepare developmentally-appropriate activities and lesson and assessment plans based on national and South Carolina Academic Standards. *First semester, three credits.*

**Ed 356** Teaching Language Arts (Pre-K-3)

This course will focus on young children's development of literacy and language skills and on key learning theories, approaches, materials, and evidence-based strategies for teaching the English language arts in the early childhood years (Pre-K-3rd grade). Candidates will gain and apply knowledge of the South Carolina ADEPT Performance Standards, prepare developmentally-appropriate lessons based on national and South Carolina Academic Standards, and use a variety of instructional resources and materials, including the tools of technology. *First semester, three credits.*



**Ed 357** Teaching Mathematics (Pre-K–3)

An emphasis on the development of young children's mathematical thinking and problem solving abilities, along with the fundamental principles of mathematics and evidenced-based practices for teaching and learning math in the early childhood years (Pre-K–3rd grade). Candidates will gain and apply knowledge of the South Carolina ADEPT Performance Standards, prepare developmentally-appropriate activities and lesson and assessment plans based on national and South Carolina Academic Standards, and use a variety of instructional resources and materials, including tools of technology. *Second semester, three credits. Prerequisite: Ma 109 and Ma 110.*

**Ed 358** Home, School & Community Relations

A study of child, family, school, and community partnerships, with a special emphasis on parent communication and education, parenting styles, family systems theories, child abuse/neglect, and strategies for creating respectful, reciprocal relationships with families, other professionals and community organizations. Strategies for designing safe and healthy environments for young children, for linking families with school and community resources, and for involving families and communities in children's education are presented. Students complete an 8–10 hour service learning project in a local agency serving young children and families. *Second semester, three credits.*

**Ed 359** Content Area Reading & Writing for Early Childhood School Teachers

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course includes a practicum and is focused on the developmental nature of literacy growth in the early childhood years and aligns with NAEYC initial licensure standards along with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood and special education teachers. *Both semesters, three credits. Corequisite: Ed 499. Excludes: Ed 367.*

**Ed 360** Teaching Mathematics (2–6)

Fundamental principles of mathematics, including the basic operations of arithmetic, fractions, decimals, and the like, with

practical applications especially for elementary school teachers. Candidates are required to create lessons based on the South Carolina Academic Standards. *Both semesters, three credits. Prerequisite: Ed 300, Ma 109 and Ma 110. Corequisite: Ed 333.*

**Ed 361** Teaching Social Studies (2–6)

An examination of the time, content, goals and methods of teaching man's relationship to God, others and the environment. Candidates are required to create lessons based on the South Carolina Academic Standards. *First semester, three credits.*

**Ed 362** Instructional Practices of Reading for Elementary School Teachers

This course explores effective strategies necessary for implementing a comprehensive and balanced literacy program in the elementary classroom. Candidates utilize instructional materials and methods for facilitating the development of the major literacy components (oral language, phonological awareness, phonics, fluency, vocabulary and comprehension). Candidates create lessons based on the South Carolina Academic Standards and utilize these lessons to teach guided reading groups. Assessment techniques appropriate for grading literacy are presented. This course is aligned with the CAEP initial licensure standards, South Carolina literacy competencies, ILA, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for elementary and special education teachers. *First semester, three credits. Prerequisites: Ed 300, Ed 305, and Ed 363.*

**Ed 363** Teaching Language Arts (2–6)

Fundamental principles of teaching the total language arts curriculum. Supplemental and motivational materials for all levels and areas of language arts will be investigated. Candidates are required to create lessons based on the South Carolina English Language Arts Academic Standards. *Second semester, three credits.*

**Ed 364** Teaching Science (2–6)

Methods and materials for teaching science in a regular classroom are presented for grades 2–6. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual elementary science lessons within the classroom and demonstration teaching. Teacher candidates are required to create lessons based on the South Carolina Science Academic Standards. *Second semester, three credits. Prerequisite: Ed 300, Sc 103 and Sc 105.*

**Ed 365** Assessment of Reading for Early Childhood & Elementary School Teachers

This course examines a variety of assessment tools and practices to plan and evaluate literacy instruction. Candidates utilize assessment tools to monitor student progress, identify difficulties, and prescribe corrective techniques for the major

components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates become familiar with current remedial reading programs and develop activities to use when interacting with learners. This course includes a practicum and is aligned with the South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for early childhood, elementary, and special education teachers. *Second semester, three credits. Prerequisite: Ed 353 or Ed 362.*

#### **Ed 366** Children's Literature

Interpretative and critical study of literature suitable for children. Addresses subject matter, literary style and methods of illustration. *Both semesters, three credits. Prerequisite: Ed 300 and Ed 353 or Ed 362.*

#### **Ed 367** Content Area Reading & Writing for Elementary School Teachers

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course includes a practicum and is aligned with the CAEP initial licensure standards, South Carolina literacy competencies, ILA, InTASC and ADEPT performance standards. This course meets the requirements of the Read to Succeed Act for the R2S Teacher Endorsement in South Carolina for elementary and special education teachers. *Both semesters, three credits. Prerequisite: Ed 365. Corequisite: Ed 499. Excludes: Ed 359.*

#### **Ed 370** Teaching English: Writing (5–8)

Materials, methods, procedures and related topics in the teaching of English language arts in grades 5–8. Emphasizes the educational aspects of organization and planning, as well as instructional strategies specific to the teaching of grammar and writing in the English class. Also includes reviews of educational literature, as well as of textbooks, supplemental materials, and educational software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. Field experience is included. *First semester, four credits. Identical to Ed 340.*

#### **Ed 372** Teaching Social Studies (5–8)

Materials, methods, procedures and related topics in the teaching

of social studies in the high school. Also includes selection, evaluation and use of educational software. Methods of teaching the students to read the literature in the subject are emphasized. Students will observe six demonstration classes in a local school during the second eight weeks. Students will develop a resource unit. Candidates are required to create lessons based on the South Carolina Academic Standards. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for licensure. Second semester, three credits. Identical to Ed 342. Prerequisite: Ed 300.*

#### **Ed 373** Teaching Mathematics (5–8)

Provides the prospective middle school mathematics teacher with a broad background in special teaching methods related to mathematics and characteristics of mathematics. This course prepares the student to make good decisions and balanced judgments about philosophy, textbooks, innovative ideas, curriculum content, teaching methods and strategies. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for licensure. First semester, three credits. Identical to Ed 343.*

#### **Ed 374** Teaching Natural Science (5–8)

Materials, methods, procedures and related topics in the teaching of science in the middle school. Emphasis is on the creative and dynamic teaching of science. Students will develop a teaching unit, do demonstrations, and practice the most effective strategies in planning and implementing a science lesson. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for licensure. Second semester, three credits. Identical to Ed 344.*

#### **Ed 376** Teaching English: Literature (5–8)

Materials, methods, procedures and related topics in the teaching of American, British and world literature/global studies in grades 5–8. Emphasizes the educational aspects of the learner, instructional strategies specific to the teaching of literature in the English class, and assessment. Also includes reviews of educational literature, as well as textbooks, supplemental materials, and software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards and to research and participate in various teaching strategies. *Second semester, three credits. Prerequisite: Ed 370.*

#### **Ed 378** Content Area Reading & Writing for Middle School Teachers

This course focuses on the materials, methods, procedures and related topics in the teaching of reading and writing. Candidates will explore how learners organize, plan and write for understanding across content areas and how learners read

for understanding across content areas. Current theoretical and foundational considerations frame the exploration, modeling and practice of instructional strategies for the major components of reading: oral language, phonological awareness, phonics, fluency, vocabulary and comprehension. Candidates are required to create lessons based on the South Carolina Academic Standards. This course is aligned with the AMLE initial licensure standards, South Carolina literacy competencies, ILA, CAEP, InTASC and ADEPT performance standards. This course includes a practicum and meets the requirements of the Read to Succeed Act for the R2S Requirement (Instructional) Endorsement in South Carolina for middle school teachers. *Both semesters, Three credits. Prerequisite: Ed 365. Corequisite: Ed 499. Excludes: Ed 348.*

**Ed 379** Middle School Curriculum & Organization  
This course will provide an overview of the development of the middle school in America and an overview of philosophy, integrated curriculum, advisory, interdisciplinary teams, scheduling, collaboration, classroom management and cooperative learning techniques in the middle school. Guidance in planning appropriate learning experiences for middle school will be provided. *First semester, three credits.*

**Ed 381** Introduction to Technology in Music Education

An overview of current technologies as they relate to music education. Topics include computer and internet awareness, productivity software, MIDI sequencing, an introduction to digital audio recording and editing, notation software and computer-assisted instruction. Applications include Microsoft Office Suite, Audacity, Logic and Finale. *Both semesters, two credits. Prerequisite: MT 106 and Mu 101. Identical to MTc 201.*

**Ed 385** Elementary School Music

Materials, methods and procedures for the teaching of music in the primary and intermediate grades. Also includes selection, evaluation and use of educational software as well as guidelines for relating the child to music and for providing a balanced music education curriculum. Candidates are required to create lessons based on the South Carolina Academic Standards. *Both semesters, four credits. Prerequisite: Teacher Candidacy—Passed.*

**Ed 386** Secondary School Music

Materials, methods and procedures for the teaching of music in the junior and senior high schools. The place of music in the life of the adolescent; class instruction in voice, band and orchestral instruments; and the changing voice, voice testing, part-singing and articulation of music education between the elementary and secondary levels. Methods of teaching the students to read the literature in the subject are emphasized. Candidates are required to create lessons based on the South Carolina Academic Standards. *Both semesters, four credits. Prerequisite: Teacher Candidacy—Passed.*

**Ed 390** Service Learning for Educators

Weekly seminar, course readings, discussions and reflection assignments facilitate critical thinking and a deeper understanding of service learning and how to utilize this knowledge in the teaching profession to better serve all students. Provides "real-world" experiences that exercise academic skills and knowledge applicable to each student's program of study and career goals. Both semesters, *summer, two credits.*

**Ed 391** Educator Performance & Evaluation

This practical course covers many aspects of teaching including lesson plans, long-range plans, classroom assessment, and the use and interpretation of standardized tests. Students will learn how to use pre- and post-assessments to analyze the impact of instructional strategies on student learning. Student-centered instructional strategies will be demonstrated and emphasized. The role of state and national content and teaching standards, in particular, the South Carolina Teaching Standards (SCTS) 4.0 Rubric, will be studied. Other key topics include effective classroom management and collaboration with parents and colleagues. *Both semesters, three credits.*

**Ed 490** Field Experience: International Placement  
Supervised teaching experiences in an international setting. *Summer only, three credits.*

**Ed 495** Service Learning Capstone

An internship experience that allows students to integrate coursework with a hands-on service learning experience designed to create and implement realistic solutions to community issues that impact children or adult populations. *Both semesters, summer, four credits.*

**Ed 499** Clinical Practice

Observation, participation, conferencing and actual teaching are done for at least 60 full days. Student teachers will be evaluated on their classroom management and their use of current methods of teaching and planning. In addition, students will show ability to use information to develop instruction to meet the needs of individual students. *Students are required to apply for Clinical Practice and be fully admitted to the professional teacher preparation program one academic year prior to the semester they plan to do clinical practice. Both semesters, nine credits. Prerequisite: Praxis II passed.*

## SPECIAL EDUCATION

### **Exc 205** Introduction to Exceptional Learners

Introduction to the historical, litigation, and legal foundations related to the field of special education with the inclusion of current trends and a survey of the following exceptionalities: attention hyperactive deficit disorders, autism spectrum disorders, communication disorders, emotional disabilities, giftedness, intellectual and developmental disabilities, health/physical impairments, hearing impairments, multiple and severe disabilities. Developing a biblical worldview about accommodating students with exceptional learning needs is emphasized. *First semester, Distance Learning, three credits. Excludes: Ed 323.*

### **Exc 311** Characteristics: Emotional Disabilities

Introduction to emotional disabilities that focuses on the definition based on historical and conceptual frameworks, litigation, relevant laws, and current issues and trends. Specific emphasis includes identification, classification, casual factors, theoretical perspectives for cause and intervention, assessment, etiology, prevalence, treatment, manifestations and transition planning through the use of case studies. A biblical worldview about the causes of emotional disabilities, the various manifestations of emotional disabilities and behavior strategy interventions is discussed. *Open to Education majors only. Second semester, three credits. Prerequisite: Exc 205.*

### **Exc 312** Characteristics: Learning Disabilities

Introduction to learning disabilities that focuses on a definition based on historical developments of the field, litigation, relevant laws, and current issues and trends. Specific emphasis includes definition, identification, classification, theoretical perspectives for learning, assessment, etiology, prevalence, and transition planning. Additional topics include instructional and assistive technology; evidence-based instructional strategies; methods related to reading, writing, and math; accommodations; working with young people; and the social, emotional, and intellectual issues related to students with learning disabilities. *Open to Education majors only. First semester, three credits. Prerequisite: Exc 205.*

### **Exc 313** Characteristics: Intellectual & Developmental Disabilities

Introduction to intellectual and developmental disabilities (formerly mental retardation) that focuses on a definition based on historical developments of the field, litigation, laws, and current issues and trends. Specific emphasis includes identification, classification, assessment, etiology, prevalence, treatment and transition educational programming needs of intellectually challenged individuals. Application to the public and Christian school programs are discussed. Technology integration is expected in lesson planning. *Open to Education majors only. First semester, three credits. Prerequisite: Exc 205.*

### **Exc 322** Materials & Methods: Mild Disabilities

Emphasis on the development of skills in the diagnosis and remediation of academic deficits in mildly disabled learners. Focused emphasis is on the essential elements of effective teaching, basic scope and sequence of academic skills, instructional modifications and accommodations, evidence-based teaching methods and interventions for students with exceptional learning needs at the elementary and secondary levels. Specific topics include the use of assistive and instructional technologies for teaching students with disabilities. *Open to Special Education and Communication Disorder majors only. First semester, three credits. Prerequisite: Bio 304.*

### **Exc 323** Educational Procedures: Mild Disabilities

Emphasizes the development and implementation of the individualized education program and various special education service delivery models, including resource and self-contained settings incorporating inclusion and mainstreaming. Additional topics include students using technology to discuss the Bob Jones University School of Education Conceptual Framework, formal and informal assessment, evaluation of student progress, teaching study skills, adapting general education curricula, introduction to collaborative consultation, parent conferencing, classroom floor plan organization, transition planning and other related topics. *Second semester, three credits. Prerequisite: Exc 205.*

### **Exc 332** SPED Practicum: Beginning

Teacher candidates participate in supervised, structured experiences in a school setting with emotional disabilities, learning disabled, or intellectual and developmental disabilities learners. School placements vary based on program setting (i.e., inclusion, resource, self-contained) and grade level (i.e., K–5, 6–8 or 9–12). Candidates complete beginning level activities that support state standards for preparation of special educators, to include gaining knowledge and understanding about observations techniques, instructional planning, use of evidence-based instructional methods and strategies, formal/informal assessment, collaboration with teachers/parents, behavior management intervention strategies and individualized instructional programs. *Both semesters, two credits. Prerequisite: Exc 205.*

### **Exc 333** SPED Practicum: Intermediate

Teacher candidates participate in supervised, structured experiences in a school setting with emotional disabilities, learning disabled, or intellectual and developmental disabilities learners. School placements vary based on program setting (i.e., inclusion, resource, self-contained) and grade level (i.e., K–5, 6–8 or 9–12). Candidates complete intermediate level activities that support state standard for preparation of special educators, including observations, instructional planning, use of evidence-based instructional methods and strategies, formal/informal

assessment, collaboration with teachers/parents, character building, behavior management intervention strategies and individualized instructional programs. *Both semesters, two credits. Prerequisite: Teacher Candidacy—Passed and Exc 332.*

#### **Exc 334** SPED Practicum: Advanced

Teacher candidates participate in supervised, structured experiences in a school setting with emotionally disabilities, learning disabled, or intellectual and developmental disabilities learners. School placements vary based on program setting (i.e., inclusion, resource, self-contained) and grade level (i.e., K–5, 6–8 or 9–12). Teacher candidates complete advanced level activities that support state standards for preparation of special educators, including observations, instructional planning, use of evidence-based instructional methods and strategies, formal/informal assessment, collaboration with teachers/parents, character building, behavior management intervention strategies and individualized instructional programs. *Both semesters, two credits. Prerequisite: Teacher Candidacy—Passed and Exc 333.*

#### **Exc 359** Assessment in Special Education

Introduction to the definition, historical factors, litigation and legislation related to assessment in special education. Both formal and informal assessment of students with disabilities for placement and instructional purposes is discussed. Additional topics include assistive technology, assessment accommodations, ethical practices, response to intervention, pre-referral intervention, dynamic and authentic assessment strategies, task analysis, miscue analysis, and various assessments for academic, emotional and transition areas. This is a performance-based course that requires candidates to participate in a case study that goes through the pre-referral process and leads to the development of an Individualized Education Program. *Open to Special Education majors only. First semester, three credits. Prerequisite: Exc 205.*

**Exc 410** Family, Community & School Collaboration  
A practical development of the theoretical discussions from

earlier Exc courses on effectively collaborating and consulting in culturally responsive ways with families, other educators, school personnel, related service providers, and community service providers and agencies to develop the team approach in the education of students with exceptional learning needs of students. Special topics include the relationship of poverty to the education of student with exceptional learning needs, cultural self-evaluation, communication self-evaluation, role play and guest discussions from parents of students with exceptional learning needs. *Open to Special Education majors only. First semester, three credits.*

#### **Exc 451** Teaching Math: Mild Disabilities

A biblical worldview of evidence-based teaching techniques, methods and materials for identifying and remediating math skill deficits in students with mild–moderate disabilities. Lectures focus on the neuropsychological basis of math disorders, diagnostic math assessment, remediation of math readiness and other math skill deficits, and how to modify and adapt standard math curricula. Also included is demonstration and supervised practice and administration of the various diagnostic and screening norm-referenced tests. *Second semester, three credits. Prerequisite: Exc 205.*

#### **Exc 453** Behavior Management

An overview of basic behavioral principles and major theoretical models in the treatment of student behavior. The biblical worldview of behavior management is presented in the context of discussion of behavioral interventions, including preventative, short-term and long-term behavior enhancement, and reduction techniques. Teachers gain a thorough understanding of how to observe and record student behavior and how to develop and implement systematic positive reinforcement systems. Additional topics include affective methods (including life space interviewing and reality therapy) and behavior methods, such as functional behavior assessment. *Open to Special Education majors only. Second semester, three credits*

## DIVISION OF HEALTH, EXERCISE & SPORT SCIENCE

### EXERCISE & SPORT SCIENCE

#### **ESS 101** Introduction to Sports Management

This course emphasizes basic management principles as they relate to the business of sports. Students are introduced to sports ethics, sports marketing, sports law, sports media, sports supervision, recreational sports management and other related areas. *Second semester, three credits.*

#### **ESS 105** Foundations of Exercise Science & Sport

Orientation to exercise science and sport including history, introduction to various philosophies, objectives and goals, scientific foundations, career opportunities, and issues and challenges of today and the future. *First semester, three credits.*

#### **ESS 200** Sports & Society

This course explores the sociological aspects of sports by studying the history of sports, applying social theory to sports,

researching Christian ministries that use sports, and participating in class debates regarding sociological sports issues. As a social construct, sports can be changed as well as be used for change. An emphasis will be made on how Christians can use sports to make positive change in society. *Second semester, two credits.*

#### **ESS 201** Sports Marketing & Communication

An introduction to the different avenues of sports marketing, including the importance of social media integration, event planning, website and media communication, internal and external communications, media relations, public relations and sales. *First semester, three credits.*

#### **ESS 202** Sports Facilities Management

This course examines principles of designing, planning, equipping, operating and maintaining various facilities. Also discussed are how risk management and safety are incorporated into the design and maintenance process. *First semester, three credits.*

#### **ESS 203** Therapeutic Recreation

Practical application of therapeutic recreation, including medical terminology, characteristics and implications of leisure needs of special populations. *Second semester, two credits.*

#### **ESS 205** Health Education & Physical Activity

Participation in experiences generally accepted as basic to effective living. A program of healthful living for the child in his total environment—home, school and community. Various methods and techniques in presenting the subject of health and physical education. *Both semesters, three credits.*

#### **ESS 206** Wellness Concepts

This course is designed to teach students the role of physical activity in maintaining optimal health and improved quality of life. Topics such as safe exercise, nutrition, weight management, and lifestyle chronic diseases will be explored. Throughout this course, students will assess individual fitness levels including body composition, cardiovascular fitness, and musculoskeletal fitness. *Second semester, three credits.*

#### **ESS 212** First Responder

Tailored to EMS personnel, firefighters, athletic trainers, lifeguards and medical professionals, this course trains participants to work as emergency medical responders to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical personnel take over. Course meets or exceeds EMS Educational Standards. *Both semesters, three credits.*

#### **ESS 216** Coaching Principles

Instruction in the American Sport Education Program (ASEP) Coaching Principles certification course and practical coaching experience at the junior high or high school level. *First semester, two credits.*

#### **ESS 217** Coaching Practicum

Discussion and instruction in current issues of the coaching profession and practical experience at the middle school or high school level. *Second semester, two credits. Prerequisite: ESS 216.*

#### **ESS 250** Prevention/Care of Athletic Injuries

Techniques for prevention, recognition, referral and follow-up care of injuries in athletics. *Second semester, three credits. Prerequisite: Bio 303.*

#### **ESS 260** Advanced Concepts in Personal Training I

Theoretical and practical competencies required of a qualified personal trainer. Focus will be in basic anatomy, biomechanics, nutrition and health screening. *Not applicable to Exercise Science major. First semester, three credits.*

#### **ESS 261** Advanced Concepts in Personal Training II

Theoretical and practical competencies required of a qualified personal trainer. Focus will be on fitness assessment, comprehensive program design for multiple populations and training instruction. *Not applicable to Exercise Science major. Second semester, three credits. Prerequisite: ESS 260.*

#### **ESS 300** Exercise Testing & Prescription

The science of designing effective exercise programs to promote health and fitness, including fitness assessment, exercise prescription and proper fitness techniques. *First semester, three credits. Prerequisite: Bio 303.*

#### **ESS 301** Coaching Basketball

Basketball theory and practice: the coach, fundamental skills and strategy. *Second semester, two credits.*

#### **ESS 313** Coaching Soccer

Fundamental skills, drills, conditioning, systems of play, strategy and other phases of the game. *First semester, two credits.*

#### **ESS 319** Coaching Volleyball

Theory and practice: skills, games and strategies. *First semester, two credits.*

#### **ESS 320** Coaching Softball

Theory and practice: skills, games and strategies. *Second semester, two credits.*

#### **ESS 321** Biomechanics

The study of biomechanics and its application to the analysis of human movement. The course emphasizes concepts of functional anatomy along with anatomical and mechanical considerations applied to human motion in exercise and sport. *Lecture and lab. First semester, four credits. Prerequisite: Bio 303.*

**ESS 322** Physiology of Exercise

Application of physiological principles to muscular action of the human organism. *Lecture and lab. Second semester, four credits. Prerequisite: Bio 304.*

**ESS 330** Sports Management Practicum I

Supervised, structured experiences in an intramural sports setting. Students will complete activities related to coaching, officiating, event management and facilities management. A minimum of 80 clock hours of acceptable activities is required. *Both semesters and summer, two credits.*

**ESS 331** Sports Management Practicum II

Supervised, structured experiences in an intercollegiate sports setting. Students will complete intermediate-level activities related to ticket sales, event staffing, concessions, fundraising, marketing, facilities management, event management, personnel management and public relations. A minimum of 80 clock hours of acceptable activities is required. *Both semesters and summer, two credits. Prerequisite: ESS 330.*

**ESS 332** Sports Management Practicum III

Supervised, structured experiences in an intercollegiate sport setting. Students will complete intermediate-level activities related to ticket sales, event staffing, concessions, fund raising, marketing, facilities management, event management, personnel management and public relations. A minimum of 80 clock hours of acceptable activities is required. *Both semesters and summer, two credits. Prerequisite: ESS 331.*

**ESS 333** Exercise Science Practicum

This practicum is designed to provide a supervised and structured leadership experience working in various areas of exercise and sport science. A minimum of 80 clock hours will be required. *Both semesters and summer, two credits. Prerequisite: ESS 212 or current Adult CPR & AED certification, ESS 300.*

**ESS 334** Fitness & Wellness Practicum

This course is designed for students to gain practical experience working one on one with a client for a minimum of 80 hours. Students will conduct health and fitness assessment, prescribe a safe and optimal personalized exercise program based on client's goals and fitness level, and supervise the workouts throughout the semester. *Both semesters, summer, two credits. Prerequisite: : ESS 206, ESS 333 and current Adult CPR & AED certification.*

**ESS 335** Psychology of Physical Activity

This course involves the study of human psychological behavior and its influence in sports and exercise settings. It is designed to provide a student with information gleaned from research in sports psychology as well as practical knowledge to become a more effective sports manager, exercise science professional, coach or fitness instructor. *First semester, three credits.*

**ESS 336** Legal & Ethical Issues in Sport

Examines theories of ethics as well as personal moral development as applied to sports. It explores the importance of personal ethics and organizational responsibility and the role of professional ethics in sports management. *Second semester, three credits.*

**ESS 423** Motor Learning

This course reviews the theories, principles and concepts that increase the capability of an individual in performing a motor skill. The student will be involved in lectures and laboratory experiences in motor learning and performance. *Second semester, three credits. Prerequisite: Bio 304.*

**ESS 424** Research Methods in Exercise & Sports

The selection of a problem chosen in consultation with the program coordinator followed by the execution of a detailed literature survey and composition of a research proposal. The proposal will culminate in a paper or poster presentation. *First semester, three credits. Prerequisite: ESS 300 and ESS 322.*

**ESS 425** Scientific Principles of Training

The science of designing effective exercise programs for different populations and ultimate sports performance. This includes appropriate assessment, exercise prescription, exercise techniques and progression. *Second semester, three credits. Prerequisite: ESS 300, ESS 321 and ESS 322.*

**ESS 426** Exercise & Sport Science Research Study

Supervised individual research study conducted in the field of exercise and sport science. The final study will culminate in a paper and oral presentation. *Second semester, three credits. Prerequisite: ESS 300, ESS 321, ESS 322 and current Adult CPR & AED certification.*

**ESS 427** Exercise Management for Special Populations

To study the functional mechanisms associated with exercise for persons with a wide range of special diseases and disabilities. Topics include the effects of the condition on the acute exercise response, rationale for exercise programming, recommendations for exercise testing, and an exploration of the scientific evidence examining the physiological benefits of exercise training on these disease conditions. *First semester, three credits. Prerequisite: ESS 322 and ESS 300.*

**ESS 428** Professional Development in Exercise Science

This course will introduce career opportunities and graduate schools in the field of Exercise Science and Sports Medicine. Emphasis of this course is placed on the following: resumes and personal statement preparation, analysis of the job market, networking, job interviewing, presentation skills, professional organizations, certifications, and current trends and issues in professional practice in the field of Exercise Science. *First semester, one credit.*

**ESS 440** Sports Management Internship

Internships include supervised work in sports fitness & health, sports coaching or sports management in schools, colleges and universities, businesses and industries. *Both semesters and summer, six credits.*

**ESS 450** Exercise Science Internship

Supervised field work in the areas of research, assessment, fitness and wellness with local organizations. *Both semesters and summer, six credits. Prerequisite: ESS 321, ESS 322 ESS 334 and ESS 428.*

**ESS 497** Directed Study in Exercise & Sport Science

This course is designed to cover and supplement a variety of topics not otherwise offered in the list of classes in exercise and sport sciences. Topics of interest to students and faculty will be offered on a rotating random basis according to student interest. *Both semesters and summer, one credit.*

**ESS 498** Directed Study in Exercise & Sport Science

This course is designed to cover and supplement a variety of topics not otherwise offered in the list of classes in exercise and sport sciences. Topics of interest to students and faculty will be offered on a rotating random basis according to student interest. *Both semesters and summer, two credits.*

**ESS 499** Directed Study in Exercise & Sport Science

This course is designed to cover and supplement a variety of topics not otherwise offered in the list of classes in exercise and sport sciences. Topics of interest to students and faculty will be offered on a rotating random basis according to student interest. *Both semesters and summer, three credits.*



# FACULTY



## DEAN

### *Brian Alan Carruthers (2004)*

BS, Bob Jones University  
MS, Bob Jones University  
EdD, Nova Southeastern University

## DIVISION OF TEACHER EDUCATION

### DIVISION CHAIR

#### *Jeremy Lucian Daniel Watts (2014)*

BS, Bob Jones University; MEd, Clemson University  
PhD, University of Kentucky

#### *Douglas Carl Abrams (1974)*

BA, Bob Jones University; MA,  
North Carolina State University at Raleigh;  
PhD, University of Maryland-College Park

#### *Bradley Ray Batdorf (2016)*

BS, Bob Jones University; MAEd, Citadel Military  
College of South Carolina; EdD, Bob Jones University

#### *Pattye Johnson Casarow (2016)*

BS, Grand Canyon University; MMus, Arizona State  
University; DMA, Arizona State University

#### *Constance Cox Collins (1979)*

BS, Bob Jones University; MEd, University of South  
Carolina-Columbia; Additional graduate work,  
Bob Jones University

#### *Anna Henderson Hamrick (2016)*

BS, Bob Jones University; MEd, Bob Jones University;  
Additional graduate work, Furman University.

#### *Heather Richardson Hancox (2008)*

BS, Bob Jones University; MEd, Bob Jones University  
EdD, Bob Jones University; Additional graduate work,  
Capella University

***Julia Hensler Whited (2017)***

BS, Bob Jones University; MEd, Clemson University

***Donnalynn Hess (Adjunct)***

BS, Bob Jones University; MA, Bob Jones University  
MEd, Bob Jones University; Additional graduate work,  
Furman University

***Donald Lee Jacobs Jr. (1980)***

BS, Bob Jones University; MS, Bob Jones University  
EdD, Bob Jones University; Additional graduate work,  
Drake University

***Tamila Thorsell Jacobs (2005)***

BS, Bob Jones University; MEd, Bob Jones University  
EdD, Bob Jones University; Additional graduate work,  
Drake University; Concordia University

***Sonia Leigh Johnson (2002)***

BS, Bob Jones University; MEd, Bob Jones University  
EdD, University of Memphis

***Michael William Moore (2005)***

BS, Bob Jones University; MEd, Bob Jones University  
MMus, University of South Carolina-Columbia  
PhD, University of South Carolina-Columbia

***Kathy Diane Pilger (1982)***

BA, Eastern Illinois University; BS, Eastern Illinois  
University; MA, Eastern Illinois University  
EdD, Bob Jones University

***Marlene Louise Reed (2002)***

BS, Kansas State University; BS, Kansas State University  
MS, Kansas State University; Additional graduate work,  
Bob Jones University; Kansas State University

***Kenon Dean Renfrow (1985)***

BA, Bob Jones University; MMus, Bob Jones University  
PhD, University of Oklahoma Norman Campus

***Lesla Marie Seibert (1994)***

BS, Bob Jones University; MEd, Bob Jones University  
EdS, Bob Jones University; EdD, Bob Jones University  
Additional graduate work, Furman University,  
University of San Diego

***Daniel Lynn Turner (1972)***

BS, Bob Jones University; MS, University of Illinois at  
Urbana-Champaign; EdD, University of Illinois at Urbana-  
Champaign; Additional graduate work, Furman University

***Paula Justice Watts (2017)***

BS, Bob Jones University; MEd, Bob Jones University;  
Additional graduate work, Marshall University,  
Concord University and University of Central Missouri

***Sharon Edge Wilkie (2015)***

BS, Bob Jones University; MS, Troy University  
EdS, Lincoln Memorial University; EdD, Liberty University  
Additional graduate work, University of South Carolina-  
Columbia, Citadel Military College of South Carolina,  
Winthrop University, Appalachian State University and  
Bob Jones University

## DIVISION OF HEALTH, EXERCISE & SPORT SCIENCE

**DIVISION CHAIR*****Stephen Chun Lam Chen (2016)***

BS, Appalachian State; MS, University of South Carolina-  
Columbia; PhD, University of South Carolina-Columbia

***Landon James Bright (Adjunct)***

BA, Point Loma Nazarene University  
MEd, Hardin-Simmons University

***Vickie Cuthrell Britton (2004)***

BS, Bob Jones University; MA, Furman University  
Additional graduate work, Bob Jones University

***Vickie Grooms Denny (2015)***

BS, Bob Jones University; MS, University of Illinois  
PhD, Florida State University; Additional graduate work  
The Ohio State University

***Jesse Thomas McCormick (Adjunct)***

BS, Bob Jones University; MS, California University of  
Pennsylvania; Additional graduate work, Bob Jones University

***Anthony Wayne Miller (2007)***

BS, Bob Jones University; MEd, Bob Jones University  
EdD, United States Sports Academy

***Dennis Lee Scott (2014)***

BS, Maranatha Baptist University; MSS, United States  
Sports Academy; EdD, United States Sports Academy

SCHOOL OF  
BUSINESS



# PROGRAMS

The School of Business exists within the scripturally based liberal arts education of Bob Jones University to prepare Christian men and women for the ministry of business through the development of their knowledge of business, the skills to apply that knowledge and dispositions that model Christlike character.

### GOALS

The student will ...

- Grow in his love for God.
- Assimilate a comprehensive knowledge of business.
- Develop his business communication skills.
- Creatively analyze and solve business problems, often incorporating teamwork.
- Assess business issues from a biblical worldview.

### DIVISIONS

The School of Business is organized into two divisions:

- Division of Accounting
- Division of Management

## DEGREES OFFERED

### *Undergraduate Degrees*

The *Associate of Science* degree with majors in Business and Culinary Arts

The *Bachelor of Science* degree with majors in Accounting and Business Administration

## GAINFUL EMPLOYMENT

For graduation rates, the median debt of students who completed the program, and other important information, visit [www.bju.edu/rates](http://www.bju.edu/rates).



**MICHAEL R. Buiter, MBA**  
*Dean*

# DIVISION OF ACCOUNTING



**Kris R. Martin, PhD**  
*Chair*

The Division offers a major in Accounting, which includes courses for students desiring to prepare for a career in the ministry of public, corporate and governmental and not-for-profit accounting.

## PURPOSE

The Division of Accounting exists to teach Christian students that God measures, evaluates and rewards in every facet of life. The Division provides instruction in all aspects of accounting to help students give a proper professional and spiritual reckoning to God.

## GOALS

- The student will ...
- Identify financial principles and techniques in a variety of business, ministry and personal settings.
  - Apply critical analysis when approaching business situations, effectively employ teamwork and use appropriate communication skills.
  - Make decisions from an ethical perspective based on biblical principles.

## Bachelor of Science, Accounting

**Kris R. Martin, PhD**

*Program Coordinator*

### Accounting Program Summary

Major .....	72
BJU Core .....	56
<b>Total (minimum) .....</b>	<b>128</b>

The Accounting major provides preparation for the accounting profession. The degree integrates biblical, business and liberal arts principles with principles of financial accounting, managerial accounting, auditing, taxation, accounting systems, and business ethics and regulations to prepare students for the wide variety of opportunities available to accounting professionals.

The accounting internship program offers college credit for on-the-job training and is available at corporations and accounting firms for qualified majors. The internship program is competitive and limited; generally, a student must maintain a minimum GPA of 3.0 to be eligible for a for-credit accounting internship. Students who do a full-time internship during second semester will register for a block schedule with the internship during the first half of the semester and specific business and Bible classes during the second half of the semester. Students who do a part-time internship (first or second semester) or a summer internship will not take the block schedule. Many of the summer internships in the past have been secured directly by the students in hometown settings. A for-credit internship gives a student additional general elective credits that do not count toward the major or BJU Core requirements.

The faculty of the Division of Accounting strongly encourages each student to become a Certified Public Accountant (CPA), which in South Carolina, for example, is essentially a three-step process. First, a candidate must take and pass the Uniform CPA Examination. A candidate may apply to take the exam after completing at least 120 credits, including specific required courses. Students who follow the suggested schedule should be able to study for and take several sections of the CPA exam in the final semester of the program.

The second step in becoming a CPA is to complete at least 150 credits of college-level courses, including specific required courses. The student may complete this requirement through earning a bachelor's degree with additional courses or by earning a bachelor's and a master's degree in accounting.

The third step in becoming a CPA involves on-the-job training under the supervision of a CPA. All states require at least 1 year of experience, and some states require as much as 2 years of experience. Obviously, students will obtain most of their experience after graduation.

### Program Learning Outcomes

The student will ...

- Analyze financial principles and techniques using basic data, accumulated knowledge, and innovative insights from a variety of disciplines.
- Create solutions to business problems while working in a team composed of individuals with a variety of roles and different levels of commitment.
- Communicate with appropriate delivery— in both spoken and written form—the scope and results of work completed.
- Acquire skills necessary to use technology tools effectively and efficiently (and apply those skills) to develop the other learning outcomes.
- Effectively lead in appropriate circumstances, recognizing the need for a variety of leadership styles.
- Demonstrate ethical behavior (integrity, objectivity) in business settings based on a biblical worldview

## DEGREE COURSES

### Major: 72 credits

Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
Ac 205	Accounting Software (3)
Ac 305	Intermediate Accounting I (3)
Ac 306	Intermediate Accounting II (3)
Ac 310	Accounting Information Systems (3)
Ac 400	Auditing (3)
Ac 401	Taxation I (3)
Ac 402	Advanced Accounting I (3)
Ac 403	Managerial Accounting I (3)
Ac 405	Financial Statement Analysis (3)
<i>Accounting Electives<sup>1</sup> (6)</i>	
· Ac 411	Taxation II (3)
· Ac 412	Advanced Accounting II (3)
· Ac 413	Managerial Accounting II (3)
· Ac 415	Accounting Theory (3)
BA 109	Business Spreadsheet Analysis (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 303	Principles of Management (3)
BA 320	Applied Statistics (3)
<i>Business Elective (200- to 400- level) (3)</i>	
<i>Business Elective (300/400-level) (6)</i>	
Fin 201	Corporate Finance (3)
<i>Finance Elective (300/400-level)<sup>2</sup> (3)</i>	
· Fin 305	Money & Banking (3)
· Fin 402	Financial Theory & Application (3)
· Fin 404	Advanced Financial Mgmt (3)
· Fin 405	Investment Portfolio Mgmt (3)
Mkt 205	Principles of Marketing (3)
SSE 210	Economics for the Professional (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Sc 200	Essential Science (3)
<i>Math/Computer or Science Elective (3)</i>	
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>4</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Com 410	Oral Comm for the Professions (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

## SUGGESTED SCHEDULE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Hi 102	History of Civilization since 1650 (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Bi 109	New Testament Messages (1)
Bi 105	Old Testament Messages (1)	Com 101	Fundamentals of Speech (3)
FA 125	Introduction to the Arts (1)	Ac 204	Principles of Accounting II (3)
Ac 203	Principles of Accounting I (3)	Ac 205	Accounting Software (3)
BA 109	Business Spreadsheet Analysis (3)	<b>Total Credits: 16</b>	
<b>Total Credits: 15</b>			

### Second Year

SSE 200	Foundations of Economics (3)	SSE 210	Economics for the Professional (3)
Bi 230	Hermeneutics (3)	Com 410	Oral Communication for the Professions (3)
Ac 305	Intermediate Accounting I (3)	Ac 306	Intermediate Accounting II (3)
BA 303	Principles of Management (3)	Ac 310	Accounting Information Systems (3)
Fin 201	Corporate Finance (3)	Mkt 205	Principles of Marketing (3)
<b>Total Credits: 18</b>		<b>Total Credits: 15</b>	

### Third Year

Sc 200	Essential Science (3)	Bi 360	Bible Doctrines (3)
Bi 350	Bible Doctrines (3)	BA 320	Applied Statistics (3)
Ph 200	Themes in Western Thought (3)	Accounting Elective <sup>1</sup> (3)	
Ac 400	Auditing (3)	Business Elective (200- to 400- level) (3)	
Ac 401	Taxation I (3)	Math/Computer or Science Elective (3)	
Fine Arts Appreciation Elective <sup>3</sup> (2)		<b>Total Credits: 15</b>	
<b>Total Credits: 17</b>			

### Fourth Year

Bi 499	Apologetics & Worldview (3)	Ac 405	Financial Statement Analysis (3)
Ac 402	Advanced Accounting I (3)	Accounting Elective <sup>1</sup> (3)	
Ac 403	Managerial Accounting I (3)	Business Elective (300/400-level) (3)	
BA 301	Legal Environment & Ethics of Business (3)	Business Elective (300/400-level) (3)	
Philosophy or Psychology Elective (3)		Bible Elective (300/400-level) (2)	
<b>Total Credits: 15</b>		Finance Elective (300/400-level) <sup>2</sup> (3)	
<b>Total Credits: 17</b>			

<sup>1</sup> Ac 411 Taxation II, Ac 412 Advanced Accounting II, Ac 413 Managerial Accounting II or Ac 415 Accounting Theory

<sup>2</sup> Fin 305 Money & Banking, Fin 402 Financial Theory & Application, Fin 404 Advanced Financial Management or Fin 405 Investment Portfolio Management

<sup>3</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

· Students may replace 6 credits of general electives with Ac 450 Accounting Internship. Students doing an accounting internship during the semester will register for a block schedule with the internship during the first half of the semester and specific business and Bible classes during the second half of the semester. Students desiring to do a summer internship will not take the block schedule.

· Recommended minor: English or Communication



# DIVISION OF MANAGEMENT



**S. Robert Hucks, MBA**  
*Chair*

The Division of Management offers majors in Business, Culinary Arts and Business Administration, and minors in Aviation and Business. Courses offered in this division enable students to fulfill the degree requirements in Business and Culinary Arts. Courses are also available as general electives. Culinary Arts courses are only applicable to associate degree programs and do not satisfy baccalaureate degree program requirements. Internships are available to qualified students.

## PURPOSE

The Division of Management exists to cultivate Christlikeness in the business leaders of tomorrow through instruction that integrates a Christian worldview with business knowledge, decision-making skills and leadership abilities. Students are taught how to manage employees, business technologies, financial capital, workflow, hiring, training, documentation, compensation and corporate communication. Students also learn how to effectively administer the production, marketing and distribution of goods and services in both the domestic and global marketplace. Special emphasis is placed on leading employees to solve both technical and relational problems using biblical principles that emphasize the centrality of Christ and His Word in all business dealings.

## GOALS

The student will . . .

- Model Christlike behavior in and out of the classroom to influence the students in their Christian walk and enhance their development into effective Christian leaders.
- Integrate knowledge and practice of business management from a distinctively biblical worldview, emphasizing the centrality of Christ and His Word.
- Develop analytical, problem-solving and critical thinking skills to deal effectively with real-world business issues, resulting in God-honoring decisions.
- Be infused with a spirit of excellence and fully equipped to serve effectively as Christian business professionals, both in their workplace and in support of their local church.

## AVIATION MINOR

The Aviation minor allows students to have access to the technical training needed to begin a career as a pilot. The minor provides ground school and flight instruction which meets Federal Aviation Administration (FAA) certification requirements for the private and commercial pilot certificates with instrument rating. The minor requires a minimum of 18 credits and complements the School of Business's goal to assimilate a comprehensive knowledge of business.

Students dual enroll in professional flight training at USAeroFlight and the BJU major of their choice in order to prepare for pilot careers such as missionary aviation, airline pilot, corporate pilot, cargo pilot and charter pilot. For example, students aspiring to missionary aviation service could combine flight training with a Bible or Cross-Cultural Service major while those students aspiring to an airline or corporate career could combine flight training with a major in Business Administration, Mathematics, Information Technology or Humanities, etc. USAeroFlight, LLC of Greenville provides all aviation equipment, courses and instruction. Additional fees apply.

A minor in Aviation consists of Av 101 Private Pilot Ground School (3), Av 102 Private Pilot Flight (3), Av 201 Instrument Ground & Commercial Flight 1 (4), Av 202 Instrument Flight (2), Av 301 Commercial Ground & Flight 2 (4), and Av 302 Commercial Flight 3 (3). Qualified students may also take Av 303 Commercial Flight 4 (1), Av 401 Flight Instructor Ground & Flight 1 (4), Av 402 Flight Instructor Flight 2 (1), and Av 403 Flight Instructor Flight 3 (1).

## BUSINESS MINOR

The Business minor provides a broad exposure to the knowledge and skills needed in organizational operations. The minor offers the opportunity to gain an understanding of the integration of business disciplines and the essential skills to be successful within those disciplines.

A minor in Business consists of BA 101 Introduction to Business (3), Ac 103 Introduction to Accounting (3), Mkt 205 Principles of Marketing (3), and nine credits of business electives. Recommended electives: BA 109 Business Spreadsheet Analysis (3), BA 215 Introduction to Human Resources Management (3), BA 325 Managerial & Interpersonal Behavior (3), and Fin 201 Corporate Finance (3).

## Associate of Science, **Business**

**William L. Burkholder, MBA**  
Program Coordinator

### Business Program Summary

Major .....	30
BJU Core .....	27
Electives .....	7
<b>Total (minimum) .....</b>	<b>64</b>

### DEGREE COURSES

#### Major: 30 credits

Ac 103	Introduction to Accounting I (3)
Ac 104	Introduction to Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 215	Introduction to Human Resources Management (3)
BA 220	Home-Based Business Strategies (3)
BA 303	Principles of Management (3)
BA 325	Managerial & Interpersonal Behavior (3)
Fin 202	Small Business Finance (3)
Mkt 205	Principles of Marketing (3)

#### BJU Core: 27 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
	English Composition (3)
	<i>Mathematics or Science Elective (3)</i>
SSE 200	Foundations of Economics (3)
FA 125	Introduction to the Arts (1)
	<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Com 101	Fundamentals of Speech (3)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 240	Applied Christian Thought (3)

**Electives:**  
7 credits

Associate of Science degree business graduates acquire knowledge and skills to prepare them for entry level positions in business and ministry. In addition to the liberal arts and Bible core courses, graduates receive introductory instruction from a biblical worldview in general business management, accounting, finance, marketing and human resource management. The graduate will be prepared to be effective, Christlike business person for a wide range of business and ministry opportunities. Students completing the Associate of Science degree in Business may apply to continue toward the Bachelor of Science degree in Business Administration.

### Program Learning Outcomes

The student will ...

- Apply a Christian worldview and biblical standards to the various concepts and practices of business.
- Demonstrate basic practical competence in the areas of accounting, finance, marketing and human resource management.
- Demonstrate general office administration skills.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	First-Year Seminar (1)	En 102	Composition & Rhetoric (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Com 101	Fundamentals of Speech (3)
Ac 103	Introduction to Accounting I (3)	BA 109	Business Spreadsheet Analysis (3)
BA 101	Introduction to Business (3)	BA 215	Introduction to Human Resources Management (3)
	English Composition (3)	Mkt 205	Principles of Marketing (3)
	Mathematics or Science Elective (3)		<b>Total Credits: 16</b>
	Electives (1)		
	<b>Total Credits: 16</b>		

#### Second Year

SSE 200	Foundations of Economics (3)	Bi 240	Applied Christian Thought (3)
Bi 230	Hermeneutics (3)	BA 220	Home-Based Business Strategies (3)
Ac104	Introduction to Accounting II (3)	BA 325	Managerial & Interpersonal Behavior (3)
BA 303	Principles of Management (3)	Fin 202	Small Business Finance (3)
	Electives (4)		Fine Arts Appreciation Elective <sup>1</sup> (2)
	<b>Total Credits: 16</b>		Electives (2)
			<b>Total Credits: 16</b>

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Associate of Science, Culinary Arts

### Robert A. Hansen, MEd

Program Coordinator

#### Culinary Arts Program Summary

Major .....	39
BJU Core .....	27
<b>Total (minimum) .....</b>	<b>66</b>

### DEGREE COURSES

Major: 39 credits

CA 101	Introduction to Food Preparation (3)
CA 102	Cooking Methods (3)
CA 104	Introductory Bakeshop (3)
CA 116	Food Service Sanitation & Nutrition (3)
CA 118	Professional Catering (3)
CA 125	Desserts & Pastries (3)
CA 200	Principles of Food Production (3)
CA 202	Garde Manger (2)
CA 203	Fine Dining (4)
CA 205	Food Service Management (3)
CA 211	Culinary Arts Practicum (3)
CA 216	Food Purchasing & Menu Planning (3)
CA 225	Cost Controls (3)

BJU Core: 27 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
English Composition (3)	
<i>Mathematics or Science Elective (3)</i>	
SSE 200	Foundations of Economics (3)
FA 125	Introduction to the Arts (1)
Com 101	Fundamentals of Speech (3)
<i>Fine Arts Appreciation Elective<sup>1</sup> (2)</i>	
· Ar 225	Appreciation of Art (2)
· Mu 225	Appreciation of Music (2)
· ThA 225	Appreciation of Theatre & Film (2)
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 240	Applied Christian Thought (3)

An Associate of Science degree in Culinary Arts student completes coursework in business and culinary arts to prepare them for entry-level food service positions in the areas of food preparation and cost control. They will earn industry recognized certifications. This program supports the university's goal to build Christlike character to be exemplified in the food service industry. Students completing the Associate of Science degree in Culinary Arts may apply to continue toward the Bachelor of Science degree in Business Administration.

### Program Learning Outcomes

The student will ...

- Utilize best cooking and baking techniques in food preparation.
- Apply professional standards in sanitation, food safety and equipment operations.
- Perform meal planning and food production procedures in a la carte and prix fixe dining.
- Analyze restaurant operations, personnel management and costing controls.

### SUGGESTED SCHEDULE

#### First Year

Uni 101	First-Year Seminar (1)	En 102	Composition & Rhetoric (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
Com 101	Fundamentals of Speech (3)	CA 116	Food Service Sanitation & Nutrition (3)
CA 101	Introduction to Food Preparation (3)	CA 118	Professional Catering (3)
CA 102	Cooking Methods (3)	CA 125	Desserts & Pastries (3)
CA 104	Introductory Bakeshop (3)	Mathematics or Science Elective (3)	
English Composition (3)		<b>Total Credits: 16</b>	
<b>Total Credits: 17</b>			

#### Second Year

Bi 230	Hermeneutics (3)	SSE 200	Foundations of Economics (3)
FA 125	Introduction to the Arts (1)	Bi 240	Applied Christian Thought (3)
CA 200	Principles of Food Production (3)	CA 202	Garde Manger (2)
CA 205	Food Service Management (3)	CA 203	Fine Dining (4)
CA 211	Culinary Arts Practicum (3)	CA 216	Food Purchasing & Menu Planning (3)
Fine Arts Appreciation Elective <sup>1</sup> (2)		CA 225	Cost Controls (3)
<b>Total Credits: 15</b>		<b>Total Credits: 18</b>	

<sup>1</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

• Culinary Arts students must acquire practical work experience in the kitchen of a full service restaurant. Documentation of working two hundred hours and a written paper about the experience must be completed by the end of the semester enrolled in CA 200 Principles of Food Production.



## Bachelor of Science, **Business Administration**

**S. Robert Hucks, MBA**  
*Program Coordinator*

The Business Administration major provides thorough instruction in accounting, finance, marketing, operations and international business, all from a Christian, biblical worldview. The major is designed to prepare students to become effective, Christlike business professionals for a wide range of opportunities. This includes the skills necessary to obtain an entry-level position, to start and run one's own business, or to pursue further academic study. The program requires 51 credits including 39 credits of business core courses with a 12-credit concentration and aligns with the goals of the Division of Management. Concentrations include: General Business, Finance, Human Resource or Marketing.

### Program Learning Outcomes

The student will ...

- Apply financial principle concepts and analysis to the role of finance across functional areas of business.
- Integrate marketing concepts in business operations and incorporate effective marketing strategies in making sound business decisions.
- Lead and motivate employees to coordinate production and meet strategic goals.
- Compose professional quality business documents, and prepare and deliver professional presentations on business topics.
- Synthesize the totality of their business education by analyzing and formulating business strategies, business position and its long-term direction, resources and competitive capabilities for implementing strategies formulated, and measuring the success of implemented strategies with a biblical worldview.

## Business Administration (General) Program Summary

Major .....	51
BJU Core .....	56
Electives .....	21
<b>Total (minimum) .....</b>	<b>128</b>

## DEGREE COURSES

### Major: 51 credits

SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 303	Principles of Management (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 418	Management Policies (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)
<i>Business Electives (300/400 level) (12)</i>	

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Ma 220	Mathematical Problem Solving (3)
Sc 200	Essential Science (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
<i>Communication Elective<sup>1</sup> (3)</i>	
· Com 303 Organizational Communication (3)	
· Com 410 Oral Comm for the Professions (3)	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE GENERAL

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 220	Mathematical Problem Solving (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	BA 109	Business Spreadsheet Analysis (3)
Com 101	Fundamentals of Speech (3)	BA 215	Intro. to Human Resources Management (3)
BA 101	Introduction to Business (3)		
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Ph 200	Themes in Western Thought (3)	SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)	Bi 230	Hermeneutics (3)
Mkt 205	Principles of Marketing (3)	Ac 204	Principles of Accounting II (3)
	English or Writing Elective (3)	Fin 201	Corporate Finance (3)
	Fine Arts Appreciation Elective <sup>2</sup> (2)		Electives or Minor (1)
<b>Total Credits: 17</b>		<b>Total Credits: 16</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
BA 301	Legal Environment & Ethics of Business (3)	BA 303	Principles of Management (3)
BA 320	Applied Statistics (3)	BA 330	Supply Chain Management (3)
	Communication Elective <sup>1</sup> (3)		Business Elective (300/400-level) (3)
	Electives or Minor (4)		Electives or Minor (4)
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
	Philosophy or Psychology Elective (3)		Bible Elective (300/400-level) (2)
	Business Elective (300/400-level) (3)		Business Elective (300/400-level) (3)
	Business Elective (300/400-level) (3)		Electives or Minor (8)
	Electives or Minor (4)		<b>Total Credits: 16</b>
<b>Total Credits: 16</b>			

<sup>1</sup> Com 303 Organizational Communication or Com 410 Oral Comm for the Professions

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Business Administration (General)

The General Business concentration provides preparation for a broad range of business pursuits. Thorough instruction in accounting, finance, marketing, operations and human resources provides the tools necessary for students to obtain entry-level positions in many different facets of business. In addition, the skills developed through this course of study prepare individuals to start and run their own businesses.

## Business Administration (Finance) Program Summary

Major .....	51
BJU Core .....	56
Electives .....	21
<b>Total (minimum) .....</b>	<b>128</b>

### DEGREE COURSES

#### Major: 51 credits

SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 303	Principles of Management (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 418	Management Policies (3)
Fin 201	Corporate Finance (3)
Fin 305	Money & Banking (3)
Fin 402	Financial Theory & Application (3)
Fin 404	Adv. Financial Management (3)
Fin 405	Investment Portfolio Management (3)
Mkt 205	Principles of Marketing (3)

#### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Ma 220	Mathematical Problem Solving (3)
Sc 200	Essential Science (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
<i>Communication Elective<sup>1</sup> (3)</i>	
· Com 303 Organizational Communication (3)	
· Com 410 Oral Comm for the Professions (3)	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

#### Electives:

21credits and/or select a minor

## SUGGESTED SCHEDULE FINANCE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 220	Mathematical Problem Solving (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	BA 109	Business Spreadsheet Analysis (3)
Com 101	Fundamentals of Speech (3)	BA 215	Introduction to Human Resources Management (3)
BA 101	Introduction to Business (3)		
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Ph 200	Themes in Western Thought (3)	SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)	Bi 230	Hermeneutics (3)
Mkt 205	Principles of Marketing (3)	Ac 204	Principles of Accounting II (3)
	English or Writing Elective (3)	Fin 201	Corporate Finance (3)
<b>Total Credits: 15</b>			Fine Arts Appreciation Elective <sup>2</sup> (2)
		<b>Total Credits: 17</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
BA 301	Legal Environment & Ethics of Business (3)	BA 303	Principles of Management (3)
BA 320	Applied Statistics (3)	BA 330	Supply Chain Management (3)
Fin 305	Money & Banking (3)	Fin 402	Financial Theory & Application (3)
	Communication Elective <sup>1</sup> (3)		Electives or Minor (6)
<b>Total Credits: 15</b>		<b>Total Credits: 18</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
Fin 404	Advanced Financial Management (3)	Fin 405	Investment Portfolio Management (3)
	Philosophy or Psychology Elective (3)		Bible Elective (300/400-level) (2)
	Electives or Minor (6)		Electives or Minor (9)
<b>Total Credits: 15</b>		<b>Total Credits: 17</b>	

<sup>1</sup> Com 303 Organizational Communication or Com 410 Oral Comm for the Professions

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Business Administration (Finance)

The Finance concentration engages students with a strong foundation in financial management, investments and financial institutions. This knowledge base is supplemented by studies in corporate finance and accounting that provide applications to real-world cases. Students will also gain analytical and quantitative skills as well as practical experience using computer software applications. Students studying in this program are preparing for careers as Credit Manager, Financial Analyst, Commercial Banker, Loan Officer, Securities Analyst, Treasurer, Investment Advisor, Cash Manager, and Trust Account Officer.

## Program Learning Outcomes

The student will...

- Define and explain complex financial problems or challenges in diverse business settings and cultures.
- Apply financial business knowledge and skills to real-world problems in local, national, and international markets.

## Business Administration (Human Resource) Program Summary

Major	51
BJU Core	56
Electives	21
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 51 credits

SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 303	Principles of Management (3)
BA 311	Compensation & Benefits (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 409	Training Methods (3)
BA 415	Employment Selection & Placement (3)
BA 418	Management Policies (3)
BA 430	Human Resources Measurement & Metrics (3)
Fin 201	Corporate Finance (3)
Mkt 205	Principles of Marketing (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Ma 220	Mathematical Problem Solving (3)
Sc 200	Essential Science (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
<i>Communication Elective<sup>1</sup> (3)</i>	
· Com 303 Organizational Communication (3)	
· Com 410 Oral Comm for the Professions (3)	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

21credits and/or select a minor

## SUGGESTED SCHEDULE HUMAN RESOURCE

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 220	Mathematical Problem Solving (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	Com 101	Fundamentals of Speech (3)
BA 101	Introduction to Business (3)	BA 215	Introduction to Human Resources Management (3)
BA 109	Business Spreadsheet Analysis (3)	<b>Total Credits: 16</b>	
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>		<b>Total Credits: 17</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Bi 230	Hermeneutics (3)	SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)	Ac 204	Principles of Accounting II (3)
BA 320	Applied Statistics (3)	BA 311	Compensation & Benefits (3)
Mkt 205	Principles of Marketing (3)	Fin 201	Corporate Finance (3)
<i>English or Writing Elective (3)</i>		<b>Total Credits: 15</b>	
<b>Total Credits: 18</b>			

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
Ph 200	Themes in Western Thought (3)	BA 303	Principles of Management (3)
BA 301	Legal Environment & Ethics of Business (3)	BA 330	Supply Chain Management (3)
BA 409	Training Methods (3)	BA 415	Employment Selection & Placement (3)
<i>Communication Elective<sup>1</sup> (3)</i>		<i>Electives or Minor (3)</i>	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
BA 430	Human Resources Measurement & Metrics (3)	<i>Bible Elective (300/400-level) (2)</i>	
<i>Philosophy or Psychology Elective (3)</i>		<i>Electives or Minor (12)</i>	
<i>Electives or Minor (6)</i>		<b>Total Credits: 17</b>	
<b>Total Credits: 15</b>			

<sup>1</sup> Com 303 Organizational Communication or Com 410 Oral Comm for the Professions

<sup>2</sup> Ar 225 Appreciation of Art, Mu 225 Appreciation of Music or ThA 225 Appreciation of Theatre & Film

## Business Administration (Human Resource)

The Human Resource concentration provides the student a foundational understanding of human resource principles and concepts. Students will focus on building skills in the areas of Training, Compensation, Measurement, and Selection and will be challenged to participate through business simulations. Ultimately, students will be trained to identify how functional human resources directly impacts the entire organization. The program lays the foundation for advancement, including certification, in human resources, and is suitable as preparation for graduate study.

## Program Learning Outcomes

The student will...

- Apply human resource theory and practice to the working environment.
- Operate training and development programs to foster employee and organizational learning and development.



## Business Administration (Marketing) Program Summary

Major	51
BJU Core	56
Electives	21
<b>Total (minimum)</b>	<b>128</b>

## DEGREE COURSES

### Major: 51 credits

SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)
Ac 204	Principles of Accounting II (3)
BA 101	Introduction to Business (3)
BA 109	Business Spreadsheet Analysis (3)
BA 215	Introduction to Human Resources Management (3)
BA 301	Legal Envir & Ethics of Business (3)
BA 303	Principles of Management (3)
BA 320	Applied Statistics (3)
BA 330	Supply Chain Management (3)
BA 418	Management Policies (3)
Mkt 205	Principles of Marketing (3)
Mkt 300	Global Marketing (3)
Mkt 312	Professional Selling I (3)
Mkt 411	Marketing Strategy (3)
Mkt 414	Marketing Research (3)

### BJU Core: 56 credits

Uni 101	First-Year Seminar (1)
En 102	Composition & Rhetoric (3)
En 103	Composition & Literature (3)
<i>English or Writing Elective (3)</i>	
Ma 220	Mathematical Problem Solving (3)
Sc 200	Essential Science (3)
Hi 101	History of Civ c. 3500 BC to AD 1650 (3)
Hi 102	History of Civ since 1650 (3)
SSE 200	Foundations of Economics (3)
Ph 200	Themes in Western Thought (3)
<i>Philosophy or Psychology Elective (3)</i>	
FA 125	Introduction to the Arts (1)
<i>Fine Arts Appreciation Elective<sup>2</sup> (2)</i>	
· Ar 225 Appreciation of Art (2)	
· Mu 225 Appreciation of Music (2)	
· ThA 225 Appreciation of Theatre & Film (2)	
Com 101	Fundamentals of Speech (3)
<i>Communication Elective<sup>1</sup> (3)</i>	
· Com 303 Organizational Communication (3)	
· Com 410 Oral Comm for the Professions (3)	
Bi 105	Old Testament Messages (1)
Bi 109	New Testament Messages (1)
Bi 230	Hermeneutics (3)
Bi 350	Bible Doctrines (3)
Bi 360	Bible Doctrines (3)
Bi 499	Apologetics & Worldview (3)
<i>Bible Elective (300/400-level) (2)</i>	

### Electives:

21 credits and/or select a minor

## SUGGESTED SCHEDULE MARKETING

### First Year

Uni 101	First-Year Seminar (1)	En 103	Composition & Literature (3)
En 102	Composition & Rhetoric (3)	Ma 220	Mathematical Problem Solving (3)
Hi 101	History of Civ. c. 3500 BC to AD 1650 (3)	Hi 102	History of Civilization since 1650 (3)
Bi 105	Old Testament Messages (1)	Bi 109	New Testament Messages (1)
FA 125	Introduction to the Arts (1)	BA 215	Introduction to Human Resources Management (3)
BA 101	Introduction to Business (3)	Mkt 205	Principles of Marketing (3)
BA 109	Business Spreadsheet Analysis (3)	Fine Arts Appreciation Elective <sup>2</sup> (2)	
<b>Total Credits: 15</b>		<b>Total Credits: 18</b>	

### Second Year

SSE 200	Foundations of Economics (3)	Sc 200	Essential Science (3)
Com 101	Fundamentals of Speech (3)	SSE 210	Economics for the Professional (3)
Ac 203	Principles of Accounting I (3)	Bi 230	Hermeneutics (3)
BA 320	Applied Statistics (3)	Ac 204	Principles of Accounting II (3)
Mkt 312	Professional Selling I (3)	Fin 201	Corporate Finance (3)
English or Writing Elective (3)		Mkt 414	Marketing Research (3)
<b>Total Credits: 18</b>		<b>Total Credits: 18</b>	

### Third Year

Bi 350	Bible Doctrines (3)	Bi 360	Bible Doctrines (3)
BA 301	Legal Environment & Ethics of Business (3)	BA 303	Principles of Management (3)
Mkt 411	Marketing Strategy (3)	BA 330	Supply Chain Management (3)
Ph 200	Themes in Western Thought (3)	Mkt 300	Global Marketing (3)
Communication Elective <sup>1</sup> (3)		Electives or Minor (3)	
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	

### Fourth Year

Bi 499	Apologetics & Worldview (3)	BA 418	Management Policies (3)
Philosophy or Psychology Elective (3)		Bible Elective (300/400-level) (2)	
Electives or Minor (9)		Electives or Minor (9)	
<b>Total Credits: 15</b>		<b>Total Credits: 14</b>	

<sup>1</sup> Com 303 Organizational Communication or Com 410 Oral Comm for the Professions

## Business Administration (Marketing)

The Marketing concentration prepares the student for today's highly competitive business environment. Where buyers have a wide range of product choices, it is increasingly important to closely match company capabilities and market opportunities. Students develop a deep understanding of the role marketers play in business and gain detailed insight into various aspects of marketing processes; including strategy, buyer behavior, market research and analytics, digital and mobile media, marketing communications, sales, services, and new product development. Students explore the changing economic, political, legal, ethical, and cultural contexts in which marketing strategies must be developed through the lens of a distinctively biblical worldview. The program requires 12 marketing credits and 36 business core credits and aligns with the goals of the Division of Management.

## Program Learning Outcomes

The student will . . .

- Apply brand and marketing management theory to selling and integrated marketing communication.
- Create appropriate marketing strategies and tactics for domestic, global business and consumer markets.

# COURSES

## DIVISION OF ACCOUNTING

### **Ac 103** Introduction to Accounting I

Introduction to accounting information systems and cycles, journal entries, and the use of spreadsheets in accounting settings. Emphasis on both external and internal users making business decisions utilizing basic accounting information. *Not applicable toward Accounting or Business Administration major. Both semesters, three credits.*

### **Ac 104** Introduction to Accounting II

Continuation of concepts introduced in Introduction to Accounting I, including a review of account cycles and journal entries, and analysis using spreadsheet software. Creation and use of financial accounting information to improve personal financial and business decision making, including an introduction to financial statement analysis. *Not applicable toward Accounting or Business Administration major. Both semesters, three credits. Prerequisite: Ac 103.*

### **Ac 203** Principles of Accounting I

Fundamental accounting procedures, journals, ledgers, financial statements and uses made of accounting information. Basic principles and procedures in accounting for corporate assets. *Both semesters, Distance Learning, three credits. Prerequisite: Composite ACT score of 22 or Ac 103.*

### **Ac 204** Principles of Accounting II

Basic principles and procedures in accounting for corporate equity, bonds, manufacturing costs, managerial analysis of costs and cost/revenue relationships, special statements, analysis of financial statements and individual budgeting, and taxes. Introduction to business ethics. *Both semesters, Distance Learning, three credits. Prerequisite: Ac 203.*

### **Ac 205** Accounting Software

Practical use of accounting software for the small business. Provides hands-on experience through the use of practical and real-life small business scenarios. *Both semesters, three credits. Prerequisite: Ac 203.*

### **Ac 305** Intermediate Accounting I

Principles and procedures of defining and evaluating assets and determining net income. Current financial accounting model and compound interest concepts. Basic concepts of business ethics. *Both semesters, three credits. Prerequisite: Ac 204.*

### **Ac 306** Intermediate Accounting II

Principles and procedures of defining and evaluating liabilities and stockholders' equity. Leases, pension liabilities, income tax allocation, earnings per share, accounting changes, cash flow statements, publicly held entities and different measurement bases of accounting. *Both semesters, three credits. Prerequisite: Ac 305.*

#### **Ac 310** Accounting Information Systems

Prepares students to deal with problems and issues related to computer-based accounting information systems. Presents some fundamental principles of systems development for performing general financial and managerial accounting functions with emphasis on internal control. *Second semester, three credits. Prerequisite: Ac 204.*

#### **Ac 400** Auditing

An overview of the accounting profession and a study of existing auditing standards promulgated by the American Institute of Certified Public Accountants. Analysis of general business ethics and ethics related specifically to the auditing profession. Forensic accounting and auditing for fraud. *First semester, three credits. Prerequisite: Ac 306.*

#### **Ac 401** Taxation I

Individual taxation, allowed deductions, inclusions and exclusions to income, capital gains, tax computations and credits. *First semester, three credits. Prerequisite: Ac 204.*

#### **Ac 402** Advanced Accounting I

Accounting for combined corporate entities and consolidations, including consolidated statements, intercompany transactions, foreign operations and other selected topics. *First semester, three credits. Prerequisite: Ac 204.*

#### **Ac 403** Managerial Accounting I

The nature and concepts of cost accounting. Cost allocation and distribution; job order, process and standard cost

systems; basic cost, volume-profit analysis and budget procedures. *First semester, three credits. Prerequisite: Ac 204.*

#### **Ac 405** Financial Statement Analysis

Emphasizes the use of published reports by decision makers external to the firm (e.g., investors, creditors). Special attention is given to issues such as market efficiency, asset pricing and the impact of financial statement information on equity and debt markets. *Second semester, three credits. Prerequisite: Ac 306 and Ac 402.*

#### **Ac 411** Taxation II

Corporate taxes, special problems in individual taxation, net operating losses, partnerships, fiduciaries, estate and gift taxes. *Second semester, three credits. Prerequisite: Ac 306.*

#### **Ac 412** Advanced Accounting II

Selected topics including partnership accounting, governmental and not-for-profit accounting, fiduciary accounting, external reporting and corporate governance for public companies, business ethics, and international accounting standards. *Second semester, three credits. Prerequisite: Ac 306.*

#### **Ac 413** Managerial Accounting II

Advanced cost-volume-profit analysis. Cost behavior and analysis. Techniques of decision-making using relevant cost analysis. Strategic planning, performance evaluation and capital budgeting. Current trends in management accounting. *Second semester, odd-numbered calendar years, three credits. Prerequisite: Ac 403.*

**Ac 415** Accounting Theory

Study and evaluation of competing theories of accounting, including measurement, recognition and valuation issues. Includes historical development of the accounting standard-setting process and exposure to current developments in financial accounting, international standard setting, corporate governance and business ethics. *First semester, three credits. Prerequisite: Ac 306.*

**Ac 450** Accounting Internship

Placement with a public accounting firm or corporate accounting department for the first half of the semester. *Not applicable toward a major or minor. Second semester and summer, six credits. Excludes: BA 452 and BA 453.*

## DIVISION OF MANAGEMENT

### AVIATION

**Av 101** Private Pilot Ground School

Theory of flight which includes aerodynamics, aircraft systems, airports, communication, meteorology, Federal Aviation Regulations, aerial navigation, cross-country flying, medical factors and safety of flight. Course requirements include the successful completion of the Official FAA Private Pilot Knowledge Test (FAA written exam). *Three credits.*

**Av 102** Private Pilot Flight

**Flight 1:** Flight training as necessary to gain knowledge and proficiency to make solo flights. Typically takes about one semester to complete.

**Flight 2:** Flight training as necessary to complete the requirements to obtain the Private Pilot Certificate. Typically takes about one semester to complete. Training includes night flights, cross-country flights and instrument training to meet FAA requirements. *Three credits. Prerequisite: Av 101.*

**Av 201** Instrument Ground & Commercial Flight 1

**Ground:** Theory of instrument flying, regulations and procedures for instrument flight, operational techniques including communications, meteorology, en route navigational aids, instrument approach procedures, area navigation equipment, radar, emergency procedures and aeronautical decision making. Course requirements include the successful completion of the FAA Instrument Written Exam.

**Flight 1:** Flight instruction in day and night cross-country flights and instrument flight to increase the proficiency of the Private Pilot. *Four credits.*

**Av 202** Instrument Flight

Includes the development of professional skills in IFR procedures, including the use of SIDS, STARS, ODPs, Instrument Landing Systems, RNAV, VOR, radar, air traffic control procedures and IFR emergencies. Course requirements include the successful completion of the Instrument Rating. *Two credits. Prerequisite: Av 201.*

**Av 301** Commercial Ground & Flight 2

**Ground:** Advanced training in Federal Aviation Regulations, air traffic procedures, aerodynamics, aircraft performance, basic and advanced aircraft systems, navigation, meteorology, aeromedical factors, crew resource management, and aeronautical decision making. Course requirements include the successful completion of the FAA Commercial Pilot Written Exam.

**Flight 2:** Introduction to the complexities of commercial flight, including advanced maneuvers, commercial required cross-countries, high performance operations and emergency procedures. *Four credits. Prerequisite: Av 201.*

**Av 302** Commercial Flight 3

Dual instruction and supervised solo practice on the flight maneuvers required for the Commercial Flight Test. Course includes single engine commercial maneuvers, optional multiengine procedures, advanced cross country, night flight and the completion of the Multiengine or Single-engine Commercial Pilot Certificate. *Three credits. Prerequisite: Av 301.*

**Av 303** Commercial Flight 4

This course is designed to give the necessary instruction to receive the addition of the Airplane Single-Engine or Multiengine rating on the Commercial Pilot Certificate. *One credit.*

**Av 401** Flight Instructor Ground & Flight 1

**Ground:** Develops principles and practices of instructor techniques as applied to teaching the Private and Commercial Pilot Certificate applicant. Course requirements include the successful completion of the FAA Fundamentals of Instruction and Flight Instructor Airplane Written Exams.

**Flight:** Course is designed to help develop lesson plan presentations as well as instructional proficiency in a single-engine or multi-engine aircraft, and requires the attainment of the Certified Instructor Certificate. *Four credits.*

**Av 402** Flight Instructor Flight 2

This course is designed to give the necessary instruction needed to add the single-engine or multiengine airplane to the flight instructor certificate. Attainment of the add-on rating on the Flight Instructor Certificate is required. *One credit.*

**Av 403** Flight Instructor Flight 3

This course develops instructional proficiency in instrument procedures in a single-engine airplane. Requires the attainment of the Instrument Rating on the Flight Instructor Certificate. *One credit.*

## BUSINESS ADMINISTRATION

**BA 101** Introduction to Business

This course provides an introduction to the important issues and problems encountered in the establishment and operation of a business (particularly small businesses). The subject material will be presented from the perspective of applying biblical principles and stewardship in the business world. *Both semesters, three credits.*

**BA 109** Business Spreadsheet Analysis

An in-depth hands-on investigation of spreadsheet technology used in typical business applications. Topics include fundamentals of spreadsheet operation, utilizing spreadsheets to solve quantitative problems in business, basic and advanced spreadsheet formatting techniques, creating spreadsheet reports, creating pivot tables and pivot chart reports, and solving problems using what-if analysis. *Both semesters, Distance Learning, three credits.*

**BA 215** Introduction to Human Resources Management

Introduction to the various functions of the Human Resources field. Topics include needs assessment, policies and procedures, benefits, legal issues, consulting, training, safety, and performance appraisals. *Both semesters, three credits.*

**BA 220** Home-Based Business Strategies

An introductory course that focuses on home-based business opportunities, business planning, startup procedures, office setup, legal issues, marketing strategies and record keeping. Includes study of the rewards and challenges of running a home-based business or telecommuting from home. *Both semesters, three credits.*

**BA 301** Legal Environment & Ethics of Business  
Background of the American legal system and its Constitutional foundation; public crimes and private torts, contract law, the uniform Commercial code; negotiable instruments; debtor-creditor relationship, ethical systems underlying government and business behaviors; business organizational

forms; government regulation of business; property law; and Cyberlaw. Business ethics examined for all subjects treated. *Both semesters, Distance Learning, three credits. Prerequisite: Ac 203 or BA 101.*

**BA 303** Principles of Management

An introduction to the management functions of planning, organizing, leading and controlling, and their application to the changing world of business. Particular emphasis is placed on process-centered operations and continuous quality management, toward a goal of total business effectiveness. *Both semesters, three credits. Prerequisite: Ac 103, Ac 203 or BA 101.*

**BA 311** Compensation & Benefits

Emphasis on both new and established approaches to employee compensation and benefits. Views compensation from a strategic perspective to help organizations achieve and maintain competitive advantage. Topics include job analysis and evaluation, design of pay levels and structures, different types of pay plans, and the role and scope of employee benefits. *Second semester, even-numbered calendar years, three credits. Prerequisite: BA 215.*

**BA 320** Applied Statistics

A software-based course including discrete and continuous probability distributions, hypothesis testing, confidence intervals, correlation, and regression. *Both semesters, three credits. Identical to Ma 320. Prerequisites: Ma 090, Math ACT 20 or above, or placement into Ma 103 or higher*

**BA 325** Managerial & Interpersonal Behavior

A study of the supervisory aspects of the administrative environment with an emphasis on leadership, problem solving, team building, communication, process and quality management, and personnel management. *Both semesters, three credits. Prerequisite: BA 215.*

**BA 330** Supply Chain Management

An introduction to the management of the flow of goods and services in organizations. Specifically examined will be customer service, logistics information systems, inventory and materials management, transportation, warehousing and distribution, material handling and packaging, procurement, supply chain management and e-commerce. *Both semesters, three credits. Prerequisite: Ac 203 or BA 101.*

**BA 406** Entrepreneurship

The course focuses on how to take an idea for a small business and develop a business plan. Topics include the role of small business in the economy; industry, target market and competitive analysis; application of funds; and development of supporting data. *First semester, three credits. Prerequisite: Ac 204.*

**BA 409** Training Methods

Overview of training methodologies in the business environment. Includes field trips, observations, demonstrations, development of materials, and supervised in-class training. *First semester, odd-numbered calendar years, three credits. Prerequisite: BA 215.*

**BA 415** Employment Selection & Placement

An in-depth study of interview techniques, employee recruitment, and selection and retention, with a basis in current laws and regulations. *First semester, even-numbered calendar years, three credits.*

**BA 418** Management Policies

A study of comprehensive case studies, readings and industry simulations for implementing strategic plans, as well as internal and external analysis of operations with attention to effective competitive strategies for firms under domestic and global uncertainty. *Both semesters, three credits.*

**BA 430** Human Resources  
Measurement & Metrics

A study of various methods of acquiring and analyzing organizational data essential to making strategic HR decisions. Topics include popular software platforms, data collection and data analysis to support the development of practical business solutions. *First semester, even-numbered calendar years, three credits. Prerequisite: BA 320.*

**BA 452** Business Internship

A part-time professional work experience of 120 hours. General readings and reports on internships. *Not applicable toward a major or minor. Both semesters and summer, three credits. Excludes: Ac 450.*

**BA 453** Advanced Business Internship

A part-time professional work experience of 120 hours. Industry specific readings, reports and interviews. *Not applicable toward a major or minor. Both semesters and summer, three credits. Prerequisite: BA 452. Excludes: Ac 450.*

**BA 470** Managing Risks & Global Pressures

A study of the complex problems facing both small and large human resource departments. Topics include unionization and the increasing global pressure associated with finding and maintaining adequate human resources *Second semester, even-numbered calendar years, three credits.*

## CULINARY ARTS

**CA 101** Introduction to Food Preparation

An introduction to the variety of products used in the food service industry. Topics will include the names, grading and identification of food products. The course includes the analysis of proper care and handling of perishable food items in the flow of food through food service operations. *First semester, three credits.*

**CA 102** Cooking Methods

An introductory cooking course focused on the wholesome and sanitary handling of food products. Emphasis will be placed on stock making, moist heat and dry heat cooking methods, and the selection criteria for select cooking techniques. *Lecture and lab. First semester, three credits.*

**CA 104** Introductory Bakeshop

Exposure to the methods and techniques of commercial baking. The student will gain an overview of the many baked products and their application in the food service industry. *First semester, three credits.*

**CA 116** Food Service Sanitation & Nutrition

The study of balanced menus presented to restaurant customers. Areas of study include proper portioning, calculation of meal nutrition and healthy food selection for professional menus. Students will focus on the safe handling of food products and will take an industry recognized sanitation certification exam. *Second semester, three credits.*

**CA 118** Professional Catering

A course in practical aspects of commercial food production. Emphasis will be on banquet preparations and on-premise and off-premise catering. Students will receive hands-on experience in the planning, preparation and execution of food preparation activities. *Second semester, three credits. Prerequisite: CA 102.*

**CA 125** Desserts & Pastries

The objective is for a student to gain an understanding of practical desserts in today's restaurants. The focus will be on developing production and presentation skills in the pastry shop. This includes cake decorating, classical pastry production and planning the production of wedding cakes. *Lecture and Lab. Second semester, three credits. Prerequisite: CA 104.*

**CA 200** Principles of Food Production

A course focused on advanced food production techniques. The topics will include meat identification and fabrication, preservation, allergen-free cooking, as well as preparation of the Mother and derivative sauces. *First semester, three credits. Prerequisites: CA 118 and CA 125.*

**CA 202** Garde Manger

A study of practical and classical food preparations in the cold kitchen. The topics will include edible garnishes, cold dressings and sauces, curing, smoking and charcuterie. *Lecture and lab. Second semester, two credits. Prerequisite: CA 200 and CA 211.*

**CA 203** Fine Dining

A course focusing on the advanced preparations of food, including an introduction to international cuisines. It covers the cooking of meats, seafood, potatoes, vegetables, and use of herbs and spices, dairy products, eggs, rice and pasta. Special attention is given to food quality and presentation. *Lecture and lab. Second semester, four credits. Prerequisite: CA 200 and CA 211.*

**CA 205** Food Service Management

Discusses the principles governing food service business practices. The course stresses the basic concepts of leadership, organization, standards, communication, control and personnel supervision. *First semester, three credits.*

**CA 211** Culinary Arts Practicum

A course focused on commercial food service operations. The direct areas of focus include sanitary food preparation, production efficiency and a la carte cooking. *Lecture and lab. First semester, three credits. Prerequisite: CA 118 and CA 125.*

**CA 216** Food Purchasing & Menu Planning

In-depth look at systems and procedures of good product control. The flow path of these products through food service outlets. *Second semester, three credits.*

**CA 225** Cost Controls

A study of the financial management of food and beverage purchases, processes used for determining menu pricing and analysis of income and expenses. *Second semester, three credits.*

**CA 306** Restaurant Equipment & Design

A study of the mechanical aspect of today's food production facilities. The student will be required to apply these concepts through developing an original food service facility. *Three credits.*

**FINANCE****Fin 201** Corporate Finance

Principles and techniques of financial analysis, planning and control, working capital management, capital budgeting, long-term financing and cost of capital. *Both semesters, Distance Learning, three credits. Prerequisite: Ac 103, Ac 203 or BA 101.*

**Fin 202** Small Business Finance

An introduction to the financial management issues facing a small business, including the financial and legal factors affecting different forms of businesses, financial reporting, cash flow, planning and budgeting, working capital management, decision-making for long-term assets, sources of funds, venture capital, insurance and taxation. *Both semesters, three credits. Prerequisite: BA 109.*

**Fin 305** Money & Banking

An introduction to the principles, processes and problems of money and banking, with an emphasis upon the interrelationships of money, banking and the economy. Particular attention is focused upon the commercial banking system and the Federal Reserve System. *Both semesters, three credits. Prerequisite: SSE 200.*

**Fin 402** Financial Theory & Application

An in-depth analysis of financial statements and application of principles of finance to actual business situations. Designed to develop decision-making abilities by having students recommend solutions to financial problems. Students will design and use computerized spreadsheet applications to assist in analysis. *Second semester, even-numbered calendar years, three credits. Prerequisite: Ac 305 or Fin 201.*

**Fin 404** Advanced Financial Management

A study of special topics in financial management including corporation financial management, personal financial management and church financial management. *Three credits. Prerequisites: Ac 203 and Fin 201.*

**Fin 405** Investment Portfolio Management

A study of various investment media available to the personal and institutional investor, including stocks, bonds, mutual funds and options. Also examined are methods of identification of investment needs, approaches to determination of portfolio composition and risk management. *Both semesters, three credits. Prerequisite: Ac 204.*

**MARKETING****Mkt 205** Principles of Marketing

An introduction to marketing's role of creating and capturing customer value for both consumer and business markets. Topics include customer-driven marketing strategies, product development, pricing, promotion, distribution, supply chain, competitive advantage, marketing ethics, the global marketplace and sustainable marketing. *Both semesters, Distance Learning, three credits.*

**Mkt 300** Global Marketing

Examines legal, economic and social factors influencing marketing abroad, as well as the problems of pricing, promotion and distribution of products in foreign markets. Emphasis on internet research, developing marketing strategies and classroom presentation. *Second semester, even-numbered calendar years, three credits. Prerequisite: Mkt 205*

**Mkt 312** Professional Selling I

Practical training in successful selling. Emphasis on the selling process, prospecting, preparation, presentation, handling objections, closing and follow-up. *First semester, three credits. Prerequisite: Mkt 205.*

**Mkt 411** Marketing Strategy

Application of marketing principles to strategic management of the firm's marketing program. Emphasis on critical thinking, business decision-making, and developing the firm's marketing plan. *First semester, three credits. Prerequisite: Mkt 205.*

**Mkt 414** Marketing Research

Provides research methodologies and skills such as questionnaire design, internet search strategies, statistical analysis, and other principles of data mining which are used in marketing management. A highlight of the course is a team marketing research project applying these marketing intelligence-gathering techniques. *Second semester, odd-numbered calendar years, three credits. Prerequisite: BA 320 and Mkt 205.*

**Mkt 415** Professional Selling II

A continuation of Professional Selling I with emphases on leading a sales team with particular focus on recruiting, hiring, training, compensating and formal negotiating. *Second semester, even-numbered calendar years, three credits. Prerequisite: Mkt 412.*

**Mkt 470** Advertising Principles & Practices

The course provides a comprehensive overview of advertising and promotion from an Integrated Marketing Communication perspective. It creates a clear understanding of traditional advertising and promotional tools, and demonstrates how key elements within the marketing mix can be integrated. Attention will be given to integrating knowledge and skills in subjects such as marketing strategy, marketing research, media planning, communication and creative areas. Focus will be on creative strategies for traditional and non-traditional markets, advertising agency, competitive positioning and how each influences the effectiveness of an advertising campaign. A primary goal of the class is to move class members from an audience to creators of advertising and promotional strategies for business. There is a hands-on practicum in which class participants prepare advertising campaigns for clients or competition. *Three credits. Identical to Com 470. Prerequisite: Mkt 411.*



# FACULTY



## DEAN

***Michael Raymond Buiter (1999)***

BS, Bob Jones University  
MBA, Duke University

## DIVISION OF ACCOUNTING

### DIVISION CHAIR

***Kris Rowland Martin (1986)***

BS, Bob Jones University; PhD, Virginia Polytechnic Institute and State University

***Jeffery Alan Bryson (2008)***

BS, Bob Jones University; MBA, Clemson University  
Additional graduate work, Liberty University

***Andrew Scott Cropsey (2004)***

BS, Bob Jones University; MA, Bob Jones University  
MBA, Bob Jones University; Additional graduate work,  
American College and Northcentral University

***Christopher Alton Lee Rawlings (2008)***

BS, Bob Jones University; MBA, College of William and Mary; Additional graduate work, Liberty University

## DIVISION OF MANAGEMENT

### DIVISION CHAIR

***Samuel Robert Hucks Jr. (2007)***

BS, Bob Jones University; MBA, Bob Jones University  
Additional graduate work, University of Phoenix

***James Eric Brammer (2012)***

BA, Walsh College of Accountancy and Business Administration  
JD, University of Notre Dame; Additional graduate work,  
Walsh College of Accountancy and Business Administration

***William Lee Burkholder (2009)***

BA, Bob Jones University; MBA, Olivet Nazarene University

***Alan Joseph Carper (1983)***

BS, Bob Jones University; MBA, Queens University of Charlotte; Additional graduate work, Clemson University and Liberty University

***Andra Hamilton Dunn (2016)***

BS, Queen's University Belfast; MS, Ulster University; PhD, Queen's University Belfast; Additional graduate work, Ulster University

***Robert Allen Hansen Jr. (2002)***

*Culinary Arts*

AAS, Bob Jones University; BS, Bob Jones University  
MEd, Bob Jones University

***Randy Alan Holley (2011)***

BS, Liberty University; MA, George Mason University  
JD, Liberty University

***David Wayne Miller (2011)***

*Culinary Arts*

BA, Bob Jones University

***Frederick Charles Newruck Jr. (Adjunct)***

BS, Bob Jones University; MS, Clemson University  
PhD, Clemson University

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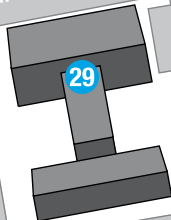
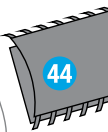
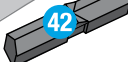
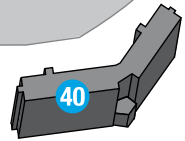
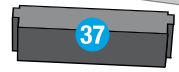
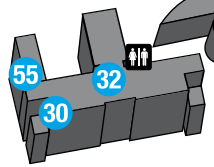
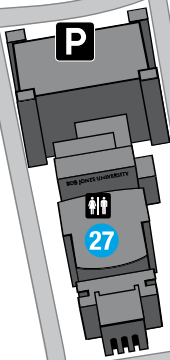
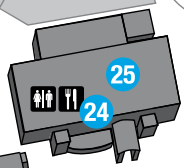
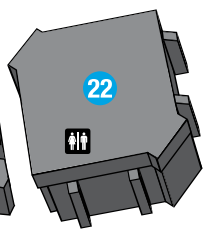
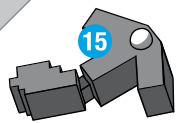
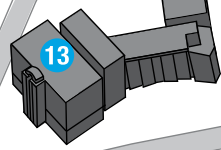
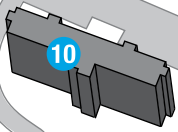
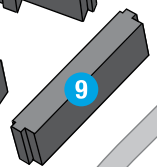
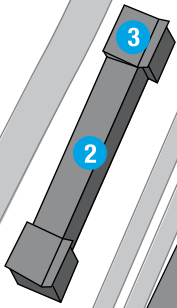
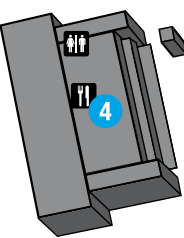
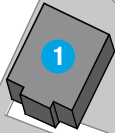
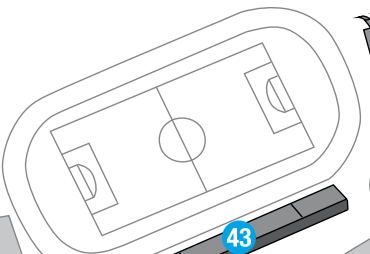
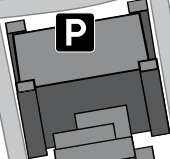
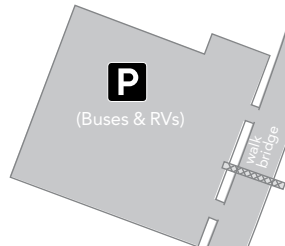


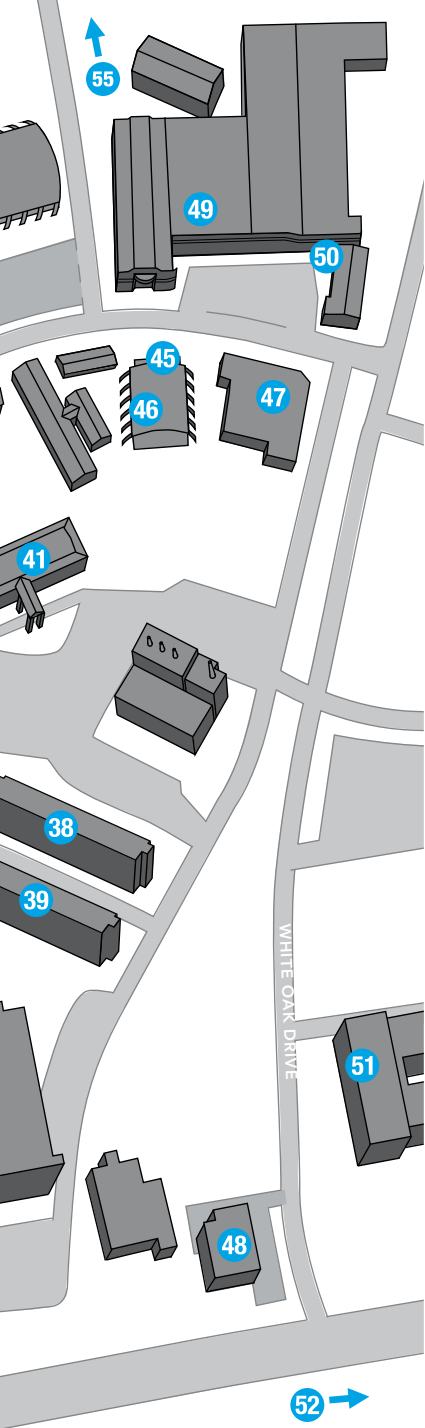




NORTH PLEASANTBURG DRIVE

WADE HAMPTON BOULEVARD





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**P** Public Parking

*For emergencies on campus, call the main entrance at (864) 770-1350 or ext. 1111, or call the switchboard at (864) 242-5100 and ask for the main entrance building.*

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