



 **UNDERGRADUATE
CATALOG**
BOB JONES UNIVERSITY
.....
2010-2011



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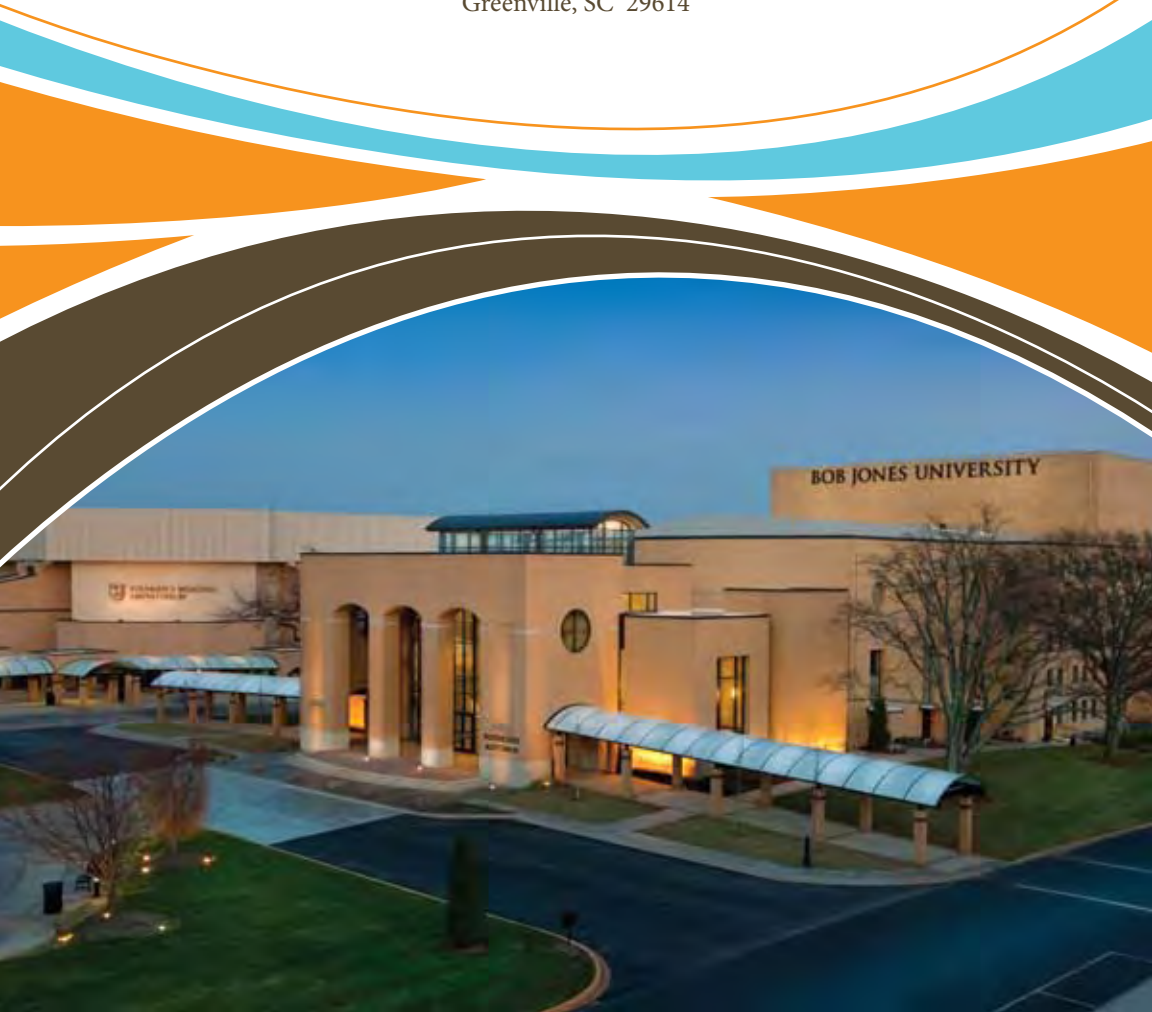
UNDERGRADUATE CATALOG

BOB JONES UNIVERSITY

VOLUME 84 • APRIL 2010

 **BOB JONES** *University*

1700 Wade Hampton Blvd.
Greenville, SC 29614



MESSAGE FROM THE PRESIDENT

FOR MORE THAN EIGHTY YEARS, BOB JONES UNIVERSITY HAS EXISTED AS A VITAL COMMUNITY OF CHRISTIAN STUDENTS AND THOSE WHO SERVE THEM.

Throughout those years, over 85,000 young people have benefited from the teaching and example of what we believe to be the most wonderful faculty and staff anywhere.

Accredited by the Transnational Association of Christian Colleges and Schools, Bob Jones University is well known for its strong spiritual training and robust academic programs. Our graduates serve the Lord across all vocations.

They are Christian workers, tradesmen, lawyers, doctors, educators and business executives. They are recognized as having what it takes to excel in a turbulent world. They are in demand for their vocational skills, their spiritual steadfastness and their personal character. They are prepared for whatever circumstances they may meet in life—whether those circumstances are prosperity or adversity, peace or war.

The purpose of BJU's founder, Dr. Bob Jones Sr., was "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." It is our belief that today's Christian young person has no better opportunity to learn how to make a living, and—more importantly—to learn how to live, than in this special place which God has prepared and maintained.

Through a strong liberal arts education, the University prepares each student to be a competent, Christlike example in whatever life context the Lord places him. With our revised Bible and Christian Liberal Arts Core, we've modified the required Bible classes to also include

**“WE SEEK
TO BE LOYAL
TO THE LORD
JESUS CHRIST”**





courses like Hermeneutics, Doctrines, Apologetics and others, with the goal of even better educating students to understand, explain and defend the essential doctrines of the Christian faith. Similarly, our liberal arts requirements—English, history, communication, science, math and philosophy—reflect our emphasis that students understand the essential elements of human experience and apply vital communication skills in reading, writing, listening and speaking. Still offering flexibility by allowing students to choose from a variety of electives in addition to courses in their major, we desire that each student assimilate all of life into a biblical worldview.

Bob Jones University has a spirit all its own, combining an atmosphere of culture without cold formality, of youthful enthusiasm without rowdiness and of scholarship without mustiness. 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.

Religiously, our testimony is: “Whatever the Bible says is true.” Standing firmly and aggressively contending for the great foundations of the Christian faith, Bob Jones Uni-

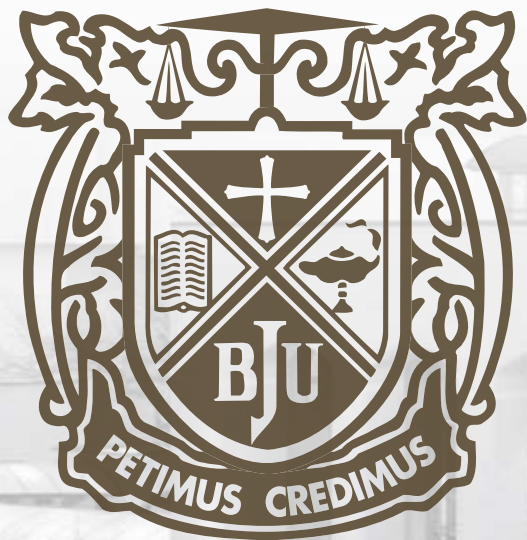
versity is proud to be known as fundamental in its position. We oppose all atheistic, agnostic and humanistic attacks upon the Scripture.

Every class opens with prayer, and our social gatherings blend easily and naturally into times of prayer and challenges from the Bible. We believe in a social life that is above reproach. In all our work and play, in personal life and social relations, we seek to be loyal to the Lord Jesus Christ.

Displayed upon the Bob Jones University crest are the words *Petimus Credimus*, “we seek, we trust.” We seek to inculcate into our students a thirst for knowledge of the arts and sciences, and we seek to satisfy that thirst. Above all, 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.

We invite you to visit us and find out for yourself why we believe Bob Jones University is God’s special place for you.

Stephen Jones



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. 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.

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.



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 Savior, 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.



MISSION STATEMENT

**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.

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.





INSTITUTIONAL GOALS

AS A CHRISTIAN EDUCATIONAL INSTITUTION, BOB JONES UNIVERSITY SEEKS BY GOD'S ENABLING:

- To inspire regenerated students to know, love and serve Jesus Christ.
- To strengthen each student's belief in the truths of God's Word.
- To develop in students Christlike character through disciplined, Spirit-filled living.
- To direct students toward a biblical life view that integrates God's Truth into practical Christian living.
- To prepare students to excel intellectually and vocationally by offering diverse academic programs rooted in biblical truth and centered on a liberal arts core.
- To develop in students the cultural breadth and social skills that enhance their lives and also equip them to communicate biblical truth effectively.
- To instill in students a compelling concern for reaching the unconverted with the saving truth of the Gospel of Christ.
- To implant in students an eagerness for vital involvement in the life and ministry of a biblically faithful local congregation.
- To develop educational materials and services that extend these objectives beyond the university campus.



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- 201 Division of Bible
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Pastoral Studies, Church Ministries, Homiletics, Christian Missions, Medical Missions
- 209 SCHOOL OF FINE ARTS AND COMMUNICATION**
- 209 Division of Art and Design
Apparel, Textiles and Design, Graphic Design, Interior Design, Art
- 213 Division of Music
Music History and Literature, Music Theory and Technology, Church Music, Voice, Organ, Piano, Piano Pedagogy, String Instruments, Woodwind Instruments, Brass and Percussion Instruments
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Communication Disorder, Communication Studies, Journalism and Mass Communication, Professional Writing, Cinema, Photography, Dramatic Production, Performance Studies
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Secondary Education, Early Childhood, Elementary Education, Middle School Education, Music Education, Special Education
- 238 Division of Physical Education and Exercise Science
Health and Physical Education, Physical Education
- 240 Division of Psychology
- 241 SCHOOL OF BUSINESS**
- 241 Division of Accounting
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Business Administration, Business and Technology, Finance, Human Resources, International Business, Marketing
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INFORMATION

For Information On:

Write To:

General Information, Admissions and Catalogs	<i>Director of Admissions</i>
Transcripts and Records of Incoming Students	<i>Director of Admissions</i>
Fees, Expenses, Methods of Payment	<i>Chief Financial Officer</i>
Academic Reports, Course Offerings and Other Scholastic Matters	<i>Registrar</i>
Graduate Programs	<i>Dean of Arts & Science, Education, Fine Arts and Communication, Business or Seminary and Graduate School of Religion (Secure Seminary and Graduate Studies Catalog for more information)</i>
Alumni Information	<i>Dir. of the Alumni Relations</i>
Aviation	<i>Provost</i>
BJU Independent Learning	<i>Dir. of Center for Distance Learning</i>
BJU Museum & Gallery	<i>Director of Museum and Gallery</i>
Employment	
Faculty	<i>Provost</i>
Staff	<i>Director of Human Resources</i>
Graduate Assistantships	<i>Director of Human Resources</i>
Extension Ministries	<i>Director of Extension Ministries</i>
Film Rental	<i>Film Distribution</i>
Gifts, Bequests and Scholarship Donations	<i>Chief Financial Officer</i>
BJU Press Publications	<i>Director of Marketing</i>
Student Employment and Housing	<i>Director of Student Services</i>
Summer Session	<i>Registrar</i>
Tape Ministries	<i>Audio Services</i>
Transcripts and Records of Former BJU Students	<i>Transcript Clerk</i>
Visiting Students Activities	<i>Guest Services</i>
Visitor Residence Hall Reservations	<i>Guest Services</i>

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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 conforms to specific rules and regulations of BJU.

UNIVERSITY CALENDAR

Summer Sessions 2010

May 10–June 4 First Session
 June 7–July 2 Second Session
 July 5–30 Third Session

First Semester

12 Sept. 1, Wed., 8 a.m. Classes Begin
 Wed. Nov. 24–Mon. Nov 29,
 Thanksgiving Holiday
 Dec. 13–16, Mon., Tues., Wed.,
 Thurs. Final Examinations
 Dec. 16, Thurs. First Semester Ends,
 Christmas Vacation Begins

Second Semester

Jan. 11, Tues., 10 p.m. . . . Students Return
 Jan. 13, Thurs., 8 a.m. Classes Begin
 Jan. 17–28 Winter Mini Session
 March 20–25, Sun.–Fri
 Bible Conference
 April 30, May 2–4, Sat.,
 Mon.–Wed. Final Examinations
 May 5, Thurs. Commencement
 Activities Begin
 May 7, Sat. Second Semester Ends

Summer Sessions 2011

May 9–June 3 First Session
 June 6–July 1 Second Session
 July 5–29 Third Session

2010

August

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September

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2010-11

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2011

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July

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General Requirements

This catalog does not constitute a contract between Bob Jones University and its students on either a collective or individual basis. It represents the school's best academic, financial and social planning at the time the catalog was published. Course and curriculum changes, modifications of tuition, fees, and other charges, plus unforeseen changes in other aspects of Bob Jones University life sometimes occur after the catalog has been printed. Because of this, Bob Jones University does not assume a contractual obligation with students for the contents of this catalog.

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It is important that students familiarize themselves with all of the academic requirements related to their particular program. These academic requirements must be met before a degree can be conferred. Advisors, department heads and deans are available to assist the student in understanding these requirements, but the student himself is responsible for completing them.

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

Students under 23 years of age must live in university residence halls unless married or housed with close relatives. Those at least 23 years of age may attend either as residence hall students or as day students. A student must be 23 years of age or older at the end of a semester if he intends to be a day student. Once a student who qualifies to live in town begins a semester or summer session in the residence hall, he may not move into town until the beginning of the next semester or summer session.

Any applicants whose admissions fall outside of those described in the paragraphs below will go to the Admission Committee for a decision. The Director of Admission will inform the applicants of admission decisions.

Notification of Nondiscriminatory Policy

Students of any race, color, national and ethnic origin, protected disability or veteran status are admitted to all the rights, privileges and activities generally accorded or made available to students at Bob Jones University. BJU does not discriminate on the basis of race, color, gender, national and ethnic origin in its administration of its educational policies,

admissions policies, scholarship and loan programs, and athletic and other school-administered programs. The pronoun "he" as used throughout the catalog generically refers to all students.

American College Test

American College Test (ACT) scores are required of all undergraduate applicants. Each applicant is urged to apply for and to take the required examination well in advance of the semester for which he seeks admission. Any applicant who finds it impossible to take this test prior to his enrollment will be tested at the beginning of his first semester in residence.

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. High school students may also secure information about this test from their principals or counselors or by contacting the Admission Office at Bob Jones University. In completing the test application form, be sure to indicate that a copy of your scores is to be sent directly to Bob Jones University. **The ACT code number for our institution is 3836.** These test scores are useful in processing a student's application and in advising him during his college career.

How to Apply for Admission

Students Attending College for the First Time

1. Apply online at www.bju.edu/apply or call 1-800-BJ-AND-ME to request an application.
2. Fill in the application form completely.
3. Submit this form with a nonrefundable \$45 application fee.
4. Request an official high school transcript be sent to Bob Jones University admission.
5. Arrange to take the American College Test (ACT) going to www.actstudent.org. The ACT code number for our Institution is 3836. If already taken, request a copy of your scores to be sent to us.
6. Upon receipt of these materials, the Admission Office will process your application, notify you of your admission status and send further information.

Students Transferring from Other Institutions

1. Follow steps 1 to 5 under Students Attending College for the First Time.

2. Request each college or university which you have previously attended to send a complete transcript of your work to Bob Jones University.

Students Who Previously Attended Bob Jones University

1. Apply online at www.bju.edu/apply or call 1-800-BJ-AND-ME to request an application for reenrollment.
2. Fill in the application form completely.
3. Submit this form with the \$50 reservation fee.
4. Upon receipt of these materials, the Admission Office will process your application, notify you of your admission status and send further information.

Former Students Who Have Been Expelled or Denied Reenrollment

Students who are expelled or denied reenrollment from Bob Jones University may be considered for readmission for a term that begins at least one complete semester following the time of their termination.

In addition to following the procedures for **Students Who Previously Attended Bob Jones University**, a student will be asked to provide a recommendation from his pastor; a letter of apology; and, in some cases, an interview with the dean of men or dean of women will be required.

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. The application must be accompanied by the \$45 application fee in order to be processed. Reenrollment applications must be accompanied by the \$50 reservation fee. It is necessary to secure the high school record, to secure the character recommendations, and to coordinate all these records in the Admission Office before the admission decision can be made. Following an applicant's acceptance, a nonrefundable reservation fee of \$250 must be paid to confirm his reservation (due 1st semester, May 1; 2nd semester, November 1). Upon enrollment, the \$250 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 himself as much time as possible for the processing of his application.

All reservations are contingent upon the applicant submitting a medical health form prior to the opening of the semester in which he enrolls.

Freshman Admission by High School Certificate

Freshman Standing

Each applicant must request that his high school forward a copy of his 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 is recommended for college work and provided 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 deficient in entrance requirements, but whom BJU is willing to accept, must make up deficiencies by taking additional hours on the university level. These hours are added to the total of 128 required for graduation. 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 hours for graduation; a student deficient one unit, 131 hours for graduation, etc. These additional hours must be taken in the areas of study in which the student is deficient.

Early Admission Program for High School Students

The program is offered as a means of enriching the education of outstanding high school-age students and is not to be regarded as an effort to replace high school requirements for graduation. Furthermore, courses may not be substituted for high school credit in order to secure early admission to college. They are regarded as college credit only. However, high school students are not eligible for Title IV federal financial aid.

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

There are three ways a high school student may take advantage of this program:

1. **Summer School.** Qualified high school students may enroll in summer school courses at BJU upon completion of their junior year of high school. The courses offered will be regular college courses, and those high school students admitted will attend classes with regular college students. For information about enrolling in summer school programs, call 1-800-BJ-AND-ME.
2. **Online Classes.** High school students may choose from several online classes after they complete their junior 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 or call 1-800-BJ-AND-ME.
3. **Independent Learning Courses.** High school students may also choose from a number of independent learning courses after they complete their junior year. They may sign up for only one course at a time, but they may take additional courses as time permits during their senior year. For more information go to www.bjuonline.com or call 1-888-253-9833.

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Degree Achieved—Reduced Time (DART)

Bob Jones University offers an accelerated program through which students in many disciplines may complete their baccalaureate degree in three years. The program involves attendance in two or three summers of eight weeks each and/or participation in the course offerings available through the University's Center for Distance Learning, in addition to three regular academic years of two semesters each. This program, consistent with the national trend toward acceleration of undergraduate study, makes possible the education of a substantially greater number of students than does the traditional four-year program. Students desiring to complete their program in three years should plan their schedule carefully with their academic advisor beginning with their work in the freshman year.

Freshman Admission by Examination

Students whose educational backgrounds have been irregular, but whom BJU is willing to accept, may be admitted on any of the following bases:

Equivalency Diploma

The High School Equivalency Diploma or certificate is now issued by the state departments 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.

GED Tests

The General Education Development Tests also serve 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.

Entrance Examinations

Bob Jones University entrance examinations are required of all applicants who do not qualify for admission by regular high school certificate or by one of the two kinds of examinations described in this section. This requirement holds even though an applicant may wish to take special work only. For these special students, the examination results serve as a basis for academic counseling. To be eligible for the entrance examinations, however, an applicant must have an irregular educational background and must in most cases be at least 21 years of age. If a student seeking admission does not meet admission requirements in any of the ways previously described and does not qualify for the University Entrance Examinations, he may seek admission to the Bob Jones Academy or to an associate degree program.

The entrance examinations consist of a battery of five standard tests administered at the beginning of each semester. These examinations include an ability examination, an English Diagnostic test and general

achievement tests in social studies, natural sciences and mathematics. Satisfactory scores on these examinations are construed as meeting all entrance requirements.

Students who are admitted on the basis of these entrance examinations do not qualify for Title IV federal financial aid.

Conditions Applying to All Students Admitted by Examination

A student who is accepted for admission on the basis of satisfactory examination results will be enrolled and placed on academic probation one semester. If such a student meets the educational standards of BJU during this time, this condition will be removed, and he may become a candidate for a degree. If at the end of one semester there remains a question as to the eligibility of the student to work for a degree, the condition will be continued one more semester. If at the end of two semesters the student's work is not of such quality as to justify his working for a degree, he must discontinue his enrollment. All entrance requirements must be met before any student becomes a candidate for a degree.

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.

Special students are not required to remove entrance deficiencies and may take any course for which they have met the prerequisites. It should be borne in mind, however, that BJU does not permit any student to take all his 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 he has applied and been admitted as a special student or unless, after he has been admitted as a regular student, he has been given permission by the Registrar to become a special student. The fact that a residence hall student may be classified "Special" academically does not mean that he 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 10 semester hours constitute the minimum full-time load in BJU and since all residence hall students are full-time students, a part-time student by definition is any student carrying less than 10 semester hours. All residence hall students are required to carry a minimum of 12 hours. Many part-time students are wives 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. Many part-time students by nature of their program of study 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 6–11 semester hours 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 semester hours.

Admission of International Students

One of the unusual 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 each year a number of students who are of American citizenship but who were born and have been reared in foreign countries.

Bob Jones University is proud of its international students and does everything within its power to facilitate the admission of its qualified international applicants. The international student, however, who desires admission to Bob Jones University, needs 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 of meeting certain requirements of his own country plus the requirements of the United States for approval to study in this country. Before a letter can be sent from BJU to the student to assist him in securing the necessary credentials to leave his own country to enter the United States for study, the international student must:

1. Submit his application with the \$45 application fee, plus the \$250 reservation fee for the semester for which the reservation is requested—a total of \$295 which must be in United States funds or the equivalent of United States funds. In the event the application should be rejected, \$250 will be refunded.

2. Furnish satisfactory evidence as to his character, ability to meet his financial obligations in this country and academic preparation for study in an American university. He must also provide proof of his proficiency in the English language.

In establishing his academic preparation for study in Bob Jones University, students educated outside the United States must submit a credential evaluation report from World Education Services (www.wes.org/application/). Applicants with no prior university work should apply for a document-by-document evaluation of their secondary school work. 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 should submit his application with all the necessary credentials at least six months to a year in advance of the semester in which he 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 by the Credentials Committee, which is final and binding in all cases. It is understood that the international student in claiming his reservation accepts this provision as part of his contract with BJU.

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 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*.

Admission to Advanced Standing

Transfer students seek admission to BJU 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 himself is responsible to see that transcripts of all previous high school and college-level work are sent directly from each institution attended to Bob Jones University. All such transcripts should be requested at the time the application is mailed to BJU 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 he has successfully completed one semester of resident study leading toward a degree from BJU. 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 bear in mind that the academic year in Bob Jones University is divided into two semesters of 16 weeks each and that the unit of credit is the semester hour. Quarter hours are converted into semester hours at the ratio of 3:2—that is, three quarter hours equal two semester hours. While every effort is made within the regulations to give the transfer student full value of his previous work, no fractional credits are recorded and course credits of a fragmentary nature are disallowed.

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 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 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 find himself deficient in entrance requirements when transferring. Such deficiencies, if any, will be indicated on the registration materials given to the transfer student when he enrolls. If a student has taken college-level courses which may be substituted for entrance deficiencies, the credit for such courses will be sacrificed. While transfer work is calculated into a student's cumulative undergraduate grade point average (GPA), a student is required to earn a cumulative GPA of 2.0 or higher in courses taken at BJU in order to earn an associate or a bachelor's degree from BJU.

Transfer Credit Regulations

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

1. It is the policy of BJU to consider for transfer, credits earned in a regular college or university or other institution of collegiate level. The accreditation status of the other institutions will be a factor in transfer credit decisions, but it will not be the sole or primary factor.
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 keyboarding, shorthand, music theory and language is transferable only by placement test validation. Studio art courses are validated by presenting a portfolio to the art faculty to be evaluated. This validation must be secured at the time of the student's first 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. A course to be accepted 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 baccalaureate requirements as defined in this 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 previous work. A limited number of such credits are transferable as general electives.
5. In transferring credits, all evaluations are made in terms of courses as they appear in the University 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 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 BJU in any one field of study not to exceed the amount of credit required in the University for a major in that particular field. For example, a student who has had extensive training in religion elsewhere may not expect to transfer more than 30 semester hours in religion, since 30 semester hours of appropriate courses constitute a religion major in Bob Jones University. If the student expects to major in the field in which he presents the maximum number of transfer hours, he must complete a minimum of 12 semester hours in his major field in 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 his college program, it should be borne in mind that the "in residence" regulation requires a candidate for a degree to complete a minimum of 30 semester hours in at least two semesters of residence in 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 BJU for graduation.
9. BJU does not accept in transfer any college-level work taken prior to high school graduation if it appears on the high school transcript. Work completed after the junior year of high school which does not appear on the high school transcript 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 three to two; 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 junior 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. Only three semester hours of credit in English Composition may be earned by any combination of AP or CLEP credits. A total of six semester hours of English credit 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 hours which includes any credit in transfer presented from approved correspondence 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.

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 of \$50 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 hours 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 this 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. BJU does not accept in transfer any work done in the field of religion by correspondence.

Health Services

Bob Jones University maintains a hospital/infirmary for students who are too ill to attend classes. Christian physicians practicing in a clinic near the campus treat students referred by an infirmary nurse. Cases of surgery or serious illness requiring hospital care may be admitted to hospitals in Greenville.

All new students are required to have an entrance physical. The student's family physician should perform this before the student arrives at campus. The Medical/Health form must be completed and returned to University Health Services before your arrival on campus. Students not meeting this requirement will have to have a physical and laboratory studies performed by Christian physicians practicing at a clinic near the campus.

FINANCIAL INFORMATION

Full-Time Students

Tuition per semester (10–18 hours)	\$5960
Room and board per semester	2550
Additional hours above 18 hours, per hour	298
Program fee per semester	\$305–477

Part-Time Students

Tuition per hour (1–9 hours)	\$596
Program fee (1–5 hours)	50% of program fee
Program fee (6–9 hours)	75% of program fee

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Summer Sessions 2010

Four-week Session

Tuition per credit hour	\$397
Room and Board	640

Two-week Session

Tuition per credit hour	\$397
Room and Board	320

Extension Courses

2 hours	\$200
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Tuition

The tuition rate is based on a maximum load of 18 semester credit hours. Any student who is permitted to enroll for additional hours above this maximum will be charged for the additional hours. This charge will be billed all at one time.

All residence hall students are required to carry a minimum of 12 hours. Although a residence hall student may occasionally be given special permission to carry fewer than 12 hours, all residence hall students are classified as full-time financially as well as academically. A student must be full-time taking 12 credit hours to be eligible for most state and federal aid.

A part-time student who audits or retakes a class is expected to pay at the regular part-time rate.

For summer sessions, tuition for both resident and extension work is due at the time of registration. Any student who registers for a course is required to pay the tuition whether or not he completes the course. All residence hall students for the four-week sessions are classified as full-time students and are obligated financially for no fewer than five credit hours tuition charge.

Fees

Program Fee (per semester) \$305–477

Admissions

Application \$45
American College Testing Residual Test (Not a BJU fee) 32
Late Enrollment Fee 50
Reservation deposit (new student)* 250
Reservation deposit (returning student)* 50

**Credited against the first month's billing.*

Aviation

Flight fees for required courses \$1800–7800

Graduation

Associate's and bachelor's degrees 100
Diploma reorder 35
Nursing pinning 160

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Records Office

Add a course \$5
Drop a course 5
Late registration 25
Validation examination fee per examination 50
TOEFL Examination fee 25

Vehicle Registration

Per semester \$90

Health Insurance

Per year \$600

Rates subject to change if necessary..

Explanation of Fees

Application Fees

A \$45 application fee must accompany each application for admission. After the records are processed and are complete, the applicant will be written regarding his acceptance. He will then be required to pay a reservation deposit of \$250 due May 1 for 1st semester, and November 1 for 2nd semester to hold his reservation. Neither the application fee nor the reservation deposit is refundable unless BJU cancels the student's reservation. In this case, only the \$250 is refunded.

Late Enrollment Fee

Anyone who applies for enrollment or reenrollment less than 12 days prior to the beginning of classes for the semester will be charged a \$50 late fee. For summer sessions this would be 10 days prior to the beginning of classes.

Program Fee

The program fee covers the use of the library, post office box rental, use of athletic facilities, registration expenses, e-mail access in the library and computer labs, computer network access and laboratory and supply fees associated with most courses. The fee will vary according to the student's major as associated expenses differ greatly. The fee also covers Concert, Opera & Drama Series tickets for those taking six hours or more. The program fee will be billed at the beginning of each semester. All privileges covered by the program fee are forfeited if a student withdraws for any reason during the course of the school year.

Aviation

Flight fees vary with the type of aircraft used in the various aspects of the program. The flight fees are based on an allotted number of hours of flight instruction, ground instruction, solo flight time and flight simulator time. If a student requires more than the allotted hours, he will incur additional charges. The aircraft hourly rates are subject to change if necessary. Aviation flight fees are not refundable unless the student becomes medically disqualified to fly. Specific flight fees and course descriptions are listed in this catalog.

Additional expenses include the FAA Second Class Medical Certificate (\$100*), the FAA written examination (\$90*), the FAA Flight Test Fee (\$300*), textbooks, aircraft manuals and navigation charts. Aviation majors are expected to buy a headset (\$350*). The FAA Second Class Medical Certificate should be obtained before enrollment to insure medical qualifications.

**Rates are representative and may vary with provider.*

Graduation

Graduation fees include the cost of the diploma and the rental of academic regalia and are 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.

Vehicle Registration

Students who bring an automobile or motorcycle to the campus must register their vehicle with the Department of Public Safety. Residence hall juniors and seniors may park their cars on the campus for day-to-day use. Freshmen and sophomores must park their cars in a secured lot adjacent to the campus and may use them only for extension ministries and trips home.

Health Insurance

The University requires students to have basic medical insurance coverage. Since many students do not have this, the University has negotiated a limited policy that is available through Continental American Insurance Company. This policy will be offered at a single student annual rate of \$600* for a 12-month policy. For a married student, favorable add-on rates are available if coverage is desired for the student's family. The basic policy is written for a semi-private room rate of \$650 per day. This rate covers 30 days of hospitalization per illness.

All students are required to take out this policy unless they already have insurance which is equal to

or exceeds the policy offered by the University. Students whose own insurance meets or exceeds the University's policy must submit evidence of their coverage before registration is complete. Failure to submit the requested evidence will result in a charge to the student's account of the appropriate fee for the university insurance. This information must be submitted online in addition to any medical forms required by Barge Hospital.

** all rates subject to change*

Terms of Payment

The semester charge for room, board, tuition and program fee will be posted to your bill that is due August 5th for the fall semester and January 5th for the spring semester.

If the entire balance is paid in full a \$100 credit will be applied to your account

If you are not paying in full, required minimum payments must be paid per the schedule below. The first payment must be made before a student can complete registration and attend class.

Amount owed	1st semester	2nd semester
25% of the total balance	Aug. 5	Jan. 5
33 1/3 % of the total balance	Sept. 5	Feb. 5
50% of the total balance	Oct. 5	Mar. 5
100% of the total balance	Nov. 5	Apr. 5

There will be a 1 percent finance charge calculated on any unpaid portion of the minimum payment due that is not paid on time.

If there is a Financial Aid Award Letter on file in the Business Office by July 5, the awarded amount for the each semester will be placed on the student's account before the first bill.

Methods of Payment

Payments may be made in person at the business office or by mail with a check or money order. You may also make payments by going online or by calling the business office with a credit card number or by enrolling in the automatic credit card program. If a check is returned by the bank unpaid, there will be a \$20 fee charged. Payments received after 4 p.m. will not be credited to the account until the next business day.

Financial Terms

Any new student who claims his reservation and leaves after classes begin for a term or any present or former student who leaves after claiming his reservation will owe tuition and program fee (and if applicable, room and board) through the date of withdrawal, with a minimum due of 20 percent of the

semester rate. This applies to students who leave for any reason—either voluntary withdrawal or expulsion. Should a student leave the University for any reason after having paid more than the amounts outlined above, a refund would be made.

All students, whether full- or part-time must pay the full tuition and fees for courses for which they are registered at the end of five weeks, regardless of whether they complete the work.

The Christmas holiday period is not included in the regular academic year; therefore any student who remains on the campus during that time will be charged \$22 per day for his room and board.

**Fees subject to change*

If a present student withdraws at the change of semesters, he must state his intention no later than 12 days prior to the first day of classes for the second semester.

24 A student enrolled first semester who does not register for second semester classes on the day of the second semester registration will be required to pay a \$25 late registration fee.

Any outstanding charges referred to a collection agency will have the cost of collection (33½ percent of the outstanding balance) added to the balance due and this must be paid before the debt is considered satisfied.

A student's account must be cleared with the business office before a transcript may be released.

Federal Refund Policy

Federal regulations require that refunds be made for all students who receive federal student aid and fail to complete a semester. The refunds are calculated using formulas established by the Department of Education. Refund amounts must be distributed according to a specific order of priority prescribed in the regulations.

Return of Title IV Funds Policy

The Financial Aid Office is required by federal statute to recalculate federal financial aid eligibility for students who withdraw, drop out or are dismissed prior to completing 60 percent of a payment period or term. The federal Title IV financial aid programs must be recalculated in these situations.

The date of withdrawal is the earlier of the actual date or when the institution finds out the student withdrew. If the date of withdrawal is not known the mid-point of the semester date will be used.

If the student leaves the institution prior to completing 60 percent of the period or term, the financial aid office recalculates the Title IV funds. Recalculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula.

Percentage of payment period or term completed equals the number of days completed up to the withdrawal date divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid.

Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula.

Aid to be returned—(100 percent of the aid that could be disbursed minus the percentage of earned aid) multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student would be required to return a portion of the funds. Keep in mind that when Title IV funds are returned, the student borrower may owe a balance to the institution.

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

Refunds are allocated in the following order:

- Unsubsidized Federal Stafford Loan
- Subsidized Federal Stafford Loan
- Federal Perkins Loan
- Federal Parent (PLUS) Loan
- Federal Pell Grant
- Federal Supplemental Opportunity Grant
- Other Title IV assistance
- Other state
- Private and institutional aid
- The student

HOW TO RECEIVE FINANCIAL AID

Here are the basic steps for current and prospective BJU students interested in obtaining financial aid.

Step 1: Apply to BJU

Some forms of financial aid can be awarded only to students who are already holding reservations at a university. Begin the application process as early as the fall of the junior year of high school. The summer before the senior year is also a good time.

Step 2: Begin the scholarship search

Many non-government and non-BJU scholarships and grants for the upcoming school year have application deadlines between January and May, so **start the search** early to have plenty of time to apply.

Take advantage of all possible financial aid opportunities and complete the FAFSA and all non-government and non-BJU scholarship, grant and loan applications by April 1, 2010.

Step 3: Complete the FAFSA

Complete the **FAFSA (Free Application for Federal Student Aid)** to apply for federal and BJU aid. The FAFSA application process will identify the **Expected Family Contribution (EFC)**—the amount of money the federal government expects a family to contribute toward a student’s college expenses. It will also identify the family’s **Adjusted Gross Income**

(AGI). Though there may be no interest in federal grants and loans, **BJU’s Financial Aid Office will use the EFC and AGI to determine eligibility for any BJU financial aid.**

An award year begins on July 1 and a FAFSA may be completed for that award year **as early as Jan. 2.** It’s a good idea to start as soon as possible as the process can take some time.

Step 4: Obtain an EFC

The U.S. Department of Education will process the FAFSA and send the student a Student Aid Report (SAR) that will contain the **Expected Family Contribution (EFC)**. The BJU financial aid office will use the EFC to determine the type and amount of aid eligibility. The student will be notified if the student’s FAFSA has been selected for “verification.”

Step 5: Wait for a BJU award letter

If the BJU code (003421) is on the FAFSA, the BJU Financial Aid Office will send the student an award letter, usually within six weeks. Typically this letter **will list all of the federal, state and BJU-related aid a student may receive.**

You must be accepted by BJU in order to receive an award letter.

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Federal Grants and Scholarships

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

Source	Eligibility	Amount per year
Pell Grant	Financial need (as determined by the FAFSA.)	\$1,176–5,500
Federal Supplemental Educational Opportunity Grant (FSEOG)	Financial need; must also be eligible for Pell Grant	\$500
Academic Competitiveness Grant (ACG)	Financial need and academic merit; full-time student; must also be eligible for Pell; rigorous secondary school program*	up to \$750 for first-year students and \$1,300 for second-year students
National Science and Mathematics Access to Retain Talent (SMART) Grant	Financial need and academic merit; full-time student; must also be eligible for Pell; in certain science and math majors*	\$4,000 for third- and fourth-year students

*Complete eligibility requirements not shown

Satisfactory Academic Progress Policy for Federal Student Financial Aid

Bob Jones University Standards of Satisfactory Academic Progress measure a student's performance in the following three areas: completion rate, cumulative grade point average (GPA) and maximum time frame. The Financial Aid Office is responsible for ensuring that all students who receive federal financial aid are meeting these standards. The Standards of Satisfactory Academic Progress (SAP) apply to federal student financial assistance programs and veteran benefits.

Undergraduate Degree Standards

1. Completion Rate

At the end of each academic year, a student's academic progress will be measured by comparing the number of attempted credit hours with the credit hours earned (i.e., received a grade of A, B, C or D). This includes any course for which the student has remained enrolled past the Drop/Add period. A student must earn 70 percent of credits attempted to maintain satisfactory academic progress.

The following are considered when evaluating a student's satisfactory academic progress:

- Withdrawals (W's and WF's), incompletes and failures are considered attempted but not earned hours.
- Passing credits received for pass/fail courses are considered attempted and earned credits; failing grades in pass/fail courses are considered attempted but not earned.
- Repeated courses are included in the calculation of both attempted and earned hours.
- Audited courses are not considered credits attempted or earned.
- **Remedial courses are included in the calculation of both attempted and earned hours.**

2. Cumulative GPA

Students are required to earn a cumulative GPA of 2.0 or higher from courses taken at BJU in order to earn an associate's or bachelor's degree from BJU. *In order to retain financial aid eligibility*, a student must maintain a cumulative GPA of at least:

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

3. Maximum Time Frame

Students are not eligible to receive financial aid once they have attempted more than 150 percent of the normal credits required for their degree or certificate program. At Bob Jones University, this means that students in programs requiring 128 hours for graduation will be eligible for financial aid during the first 192 attempted hours as an undergraduate. All attempted hours are counted, including transfer hours, whether or not financial aid was received or the coursework was successfully completed.

A student whose progress toward the successful completion of a degree program is adversely affected by extraordinary circumstances may submit a written appeal to the Director of Financial Aid under the provisions outlined below under "Appeal Procedure."

4. Annual Satisfactory Academic Progress (SAP) Reviews

Academic progress will be reviewed at the end of the academic year. Those students not meeting the requirements stated above will be placed on Financial Aid Probation during the next semester of enrollment and will receive a letter of probation.

Probation

The student may continue to receive financial assistance during the probationary period. At the end of the probationary period, the student will:

- Be removed from probationary status because both cumulative GPA and cumulative completion rate standards are met: or
- Be suspended from receiving assistance from federal, state, Veterans Administration, and institutional sources and will receive a Financial Aid Suspension letter.

Suspension

If the student does not meet both standards given in items one and two (above), he is no longer eligible for financial aid until he has taken classes, using his own funding, and raised his cumulative GPA and completion rate to meet the above standards.

5. Appeal Procedure

To appeal the financial aid suspension, a student must, within 15 calendar days of notification, submit to the Financial Aid Office a signed and dated letter of appeal explaining why he or she should not be suspended. Included with the letter of

appeal, the student must submit a specific plan for academic recovery signed by his or her academic advisor. A student may appeal due to an emergency condition (i.e., health, family, catastrophe, etc.). Documentation verifying the situation may be requested. The Director of Financial Aid will consider the appeal and render a decision conveyed in writing to the student within two weeks of the student's appeal.

6. Reinstatement

The student can raise his GPA and/or satisfy credit deficiencies by taking additional coursework at Bob Jones University without receiving financial aid. He may not use transfer credits from other institutions to eliminate GPA deficiencies. He may submit a copy of his Bob Jones University transcript to verify grade changes, including the removal of incompletes, if this will result in the removal of your deficiencies.

South Carolina Grant Opportunities

The following grants are available for qualifying South Carolina residents.

Source	Eligibility	Amount per year
South Carolina LIFE Scholarship	Academic merit	up to \$5,000; \$7,500 available for math and science majors (sophomore and above)
South Carolina HOPE Scholarship	Academic merit; freshman students only	\$2,800
Palmetto Fellows Scholarship Program	Academic merit	\$6,700 for freshmen; \$7,500 for sophomores and above; \$10,000 for math and science majors (sophomore and above)
South Carolina Tuition Grant	Based primarily on financial need (requires the completion of a FAFSA)	up to \$2,800 per year and must be used for tuition and fees

BJU Grants and Scholarships

BJU offers over **\$3.5 million of aid** to its students annually, with individual grants and scholarships awarding \$300 to \$5,100 a year. A complete list is on the BJU Web page.

Eligible students **must fill out a FAFSA**. At that point they will be **automatically considered** for these scholarships unless otherwise noted.

Though students **are expected to work at least 10 hours a week** on campus to be eligible for BJU-based grants, they are paid for their work in addition to the awarded grant.

First-, second- and third-year students who meet the requirements listed below are eligible to receive **up to \$2,500 per year** through the BJU Founder's Grant.

The Founder's Grant is for you if:

1. You are attending BJU as a resident hall student
2. Your expected family contribution (EFC) toward college expenses is below \$8,000.
3. You plan to work in the Student Work Program (expected work hours vary on grant size.)
4. You are a U.S. or Canadian citizen or permanent resident alien.

How do I apply?

Applying is easy. Simply complete the FAFSA. If you qualify, you will find it included in your award letter.

Children of Alumni

Source	Eligibility	Amount
Preachers Jubilee Program	Residence hall students working on campus * whose father is a BJU graduate living at least 60 miles away from BJU, ordained and currently serving in a preaching ministry as senior, associate, assistant, or youth pastor, evangelist, missionary, or military chaplain.	\$100–5,100

Children of Christian School Faculty and Staff

Source	Eligibility	Amount
Press Partnership	Residence hall students working on campus*, with at least one parent working full-time at a qualified Christian school.	\$300–5,100

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* Expected work hour vary depending on the size of the grant. Grant size is determined by the federal Expected Family Contribution (EFC) number which is derived from the Free Application for Federal Student Aid (FAFSA). Earnings are paid in addition to the grant.

To apply for these and other BJU grants you must complete the FAFSA. Be sure to complete a work questionnaire at www.bju.edu if you plan to work at BJU.

Other Grants And Scholarships

Charitable Organizations

The following 501(c)(3) charitable organizations provide assistance to undergraduate and graduate BJU students. U.S. residents must complete a FAFSA to qualify; international students should contact the organizations directly.

Source	Eligibility*	Amount per year
Demonstrative Need Scholarship Fund (includes USA Fund and League Disability Fund)	Merit and financial need	\$500–3,000
Hispanic Assistance Fund	Hispanic students with financial need	\$500–2,500
Minority Scholarship Fund	African-American, African, Pacific Islander, Asian and Native American students with financial need	\$500–1,500

* Recipients of these scholarships will be selected by a private board. Separate applications in addition to FAFSA are required. Applications are available on the BJU Web page.

More resources

Still searching? The following resources can be a great help.

- The Scholarship Book (Prentice-Hall), available at most public libraries
- www.fastweb.com
- www.scholarships.com

In order to take advantage of all possible financial aid opportunities, be sure to complete the FAFSA and all non-government and non-BJU scholarship, grant and loan applications **by April 1 of each year.**

Federal Loans

Federal student loans generally have much lower interest rates than other kinds of loans and can save you money in the long run. You must complete a FAFSA to apply.

Federal Stafford loans are for students with qualifying financial need. On federal Stafford *subsidized* loans, the government pays the interest for you during the time you are in school. On federal Stafford *unsubsidized* loans, you pay the interest. Limits on how much students can borrow per loan are based on dependency status and academic classification.

Borrowing limits for federal subsidized Stafford loans for dependent undergraduate students.

Classification	Maximum amount for subsidized loan
Freshman	\$3,500
Sophomore	\$4,500
Junior or Senior	\$5,500

Qualified students are also eligible to receive \$2,000 per year in a federal unsubsidized loan.

In addition to Stafford loans, **Parent PLUS loans** are available to parents of dependent, undergraduate students to fund a child’s college education. Eligibility is **based on credit history**, not financial need, and parents may borrow as much as needed. Visit www.parentplusloan.com for more information.

Alternative or Private Loans

Non-government loans tend to charge higher interest rates that vary from lender to lender. For this reason, BJU recommends federal student loans first and private loans only to cover the difference.

Source	Eligibility	Amount	How to Apply
Pickett and Hatcher Educational Fund	Available to students from all states enrolled in a four-year, liberal arts program (except premed, prelaw and ministerial)	\$5,500 per year	Write to Pickett and Hatcher Educational Fund, P.O. 8169, Columbus, Georgia 31908-8169 or call 800.864.8308 (Applications available January 1 until depleted) www.phef.org
Sallie Mae Smart Option Loan	Available to all students who have sufficient credit or whose co-borrower has sufficient credit	Up to the cost of the school year	Contact Sallie Mae at www.salliemae.com

In order to take advantage of all possible financial aid opportunities, be sure to complete the FAFSA and all non-government and non-BJU scholarship, grant and loan applications by **April 1 of each year**.

Other Types of Financial Aid

There are a few other types of aid that are also available to families with college-bound students, including:

- **Tuition tax credits** — a dollar-for-dollar reduction of federal income taxes to help toward the cost of higher education
- **Hope Tax Credits**—first- and second-year full-time students; up to \$1,650 per student
- **Lifelong Learning Tax Credit** — equal to 20 percent of a family’s tuition expenses, up to \$2,000 for virtually any postsecondary education and training (even less than half-time study)
- **Student loan interest deduction** — payments for interest on student loans are tax-deductible
- **529 college savings plan*** — a long-term savings account parents can take out for a child’s college education; this money is not taxed. (*Note: BJU does not participate in the pre-paid tuition 529 state plans.)

More information on the HOPE and Lifetime Learning tax credits, and other tax benefits for postsecondary students is available.

Student Work Program

Through BJU's Student Work Program, students earn money working on campus during the school year. Qualifying students work 5 to 25 hours a week (depending on jobs available) and **earn \$930 to \$4,650 per year.**

The following chart shows approximate annual net earnings for a student in the work program.

Weekly Hours	Approximate Annual Net Earnings
5	\$ 930
10	\$1,860
12	\$2,235
15	\$2,790
20	\$3,720
25	\$4,650

Earnings are **paid biweekly** and are applied to a student's tuition account or paid in cash (BJU personal drawing account deposit or bank direct deposit). Earnings will automatically be applied to all tuition accounts in arrears.

Campus job opportunities are available in **70 different departments**, including food services, custodial, child development center, education, HVAC, plumbing, electrical, landscaping, bookstore, photo

studio, cleaners, Snack Shop, Press Publishing and Printing Division, computer support and aviation. Students in the program work for managers who are concerned for their academic well-being and are flexible in accommodating their class schedule. The University cannot guarantee work for all students and cannot guarantee that each student will earn the approved amount each week.

To apply, go to the Virtual Financial Aid Office (bjv.vfao.com) to complete the FAFSA. Then fill out a financial aid interview and be sure to select the Student Work Program.

The Student Work Program gives **priority to undergraduate students living in the residence halls.** International students and Academy students are limited to a maximum of 20 hours per week. Academy students under 16 years of age are limited to 12 hours per week. International students and Academy students are also subject to additional labor laws.

A limited number of work students may also qualify for the Federal Work-Study Program.

Accreditation

Bob Jones University is a member of the Transnational Association of Christian Colleges and Schools (TRACS) [PO Box 328, Forest, VA 24551; Telephone: 434.525.9539; info@tracs.org] having been awarded Accredited status as a Category IV institution by the TRACS Accreditation Commission on November 7, 2006; this status is effective for a period of five years.

TRACS is recognized by the United States Department of Education (USDE), the Council for Higher Education Accreditation (CHEA) and the International Network for Quality Assurance Agencies in Higher Education (INQAAHE).

The Educational Program

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.

Graduate students should consult the Seminary and Graduate Studies Catalog for advanced degree programs.

The College of Arts and Science

Bob Jones University offers the Bachelor of Arts degree in the Humanities because it believes there is a definite need for a college course offering broad and general education in the various fields of culture. Humanities is intended primarily for the young person:

1. Who has already completed some type of specialized training and wishes to acquire an academic and cultural background.
2. Who has not decided in what field he wishes to specialize.
3. Whose interest embraces several fields.

Pre-Professional Programs

The College of Arts and Science offers a Bachelor of Science degree with majors in Premed/Pre-dent, or Pre-Physical Therapy major for students who plan to enter a medical or dental school. Detailed curricula are to be found under the Division of Natural Science.

Majors

In order to qualify for the Bachelor of Arts degree with a major in English, Creative Writing, French,

German, Spanish, History, International Studies or Political Science, the student must complete at least 36 hours in the major. Specific requirements for majors and minors will be found under the appropriate departments.

The College of Arts and Science also offers the Bachelor of Science degree in Biology, Biochemistry & Molecular Biology, Biophysics, Chemistry, Physics, Engineering Electronics & Computer Technology, Family and Consumer Sciences, Foods and Nutrition, Actuarial Science, Operations Research, Mathematics, Computer Science, Information Technology, Nursing and Criminal Justice.

These programs require at least 36 hours in the major. The Nursing program is an exception with 55 hours in Nursing and 27 hours in Composite Science.

Master of Arts degrees for advanced study are offered in English and history.

The School of Religion

The undergraduate courses in the School of Religion are designed for:

1. Students preparing for full-time Christian ministry. The prospective evangelist, pastor, Bible teacher, missionary and other Christian worker will find thorough training in the School of Religion of Bob Jones University.
2. Students who do not feel called to full-time Christian service but who wish to acquire a thorough knowledge of the Bible or prepare themselves for usefulness as laymen in personal evangelism and the teaching of Sunday school classes, daily vacation Bible schools, etc.

This institution has always been known for the evangelistic zeal and orthodox gospel testimony of its students, combined with the highest Christian scholarship.

Seminary and Graduate School of Religion

The Seminary and Graduate School of Religion degree programs are especially designed for those who intend to enter full-time vocational Christian ministry. As part of the curriculum, great emphasis is given to personal and spiritual development.

The Division of Professional Ministry Studies offers the Master of Ministry, Specialist in Ministry, Doctor of Pastoral Theology, Master of Divinity and the Doctor of Ministry degrees. These programs provide emphasis on ministry philosophy and practice for those who are preparing for the ministry or

who have spent time in the pastorate or on the mission field.

The Division of Graduate Studies offers five Masters of Arts degrees and one Master of Divinity degree. The Doctor of Philosophy degree in Old Testament Interpretation, New Testament Interpretation, and Biblical and Systematic Theology are also offered and provide opportunities for advanced study in religion for those who wish to teach on the college or seminary level or engage in a ministry of research and writing.

The School of Fine Arts and Communication

The basic courses are designed to develop talent, critical perception and appreciation in the fields of art, music, speech communication, cinema and video production, and radio and television broadcasting. Students develop their special talents in a Christian atmosphere in preparation for:

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1. A full-time ministry in music, speech, cinema and video production, or art.
2. The teaching of music, speech, cinema and video production, or art.
3. A career in communication—in business or in radio television/film.
4. A career in visual communication—in graphic design, advertising, illustration and commercial art.
5. The production of Christian motion pictures.

The Division of Art and Design provides well-rounded training for the prospective commercial artist or studio artist with intensive work in such fields as drawing, painting, ceramics and graphic design.

In the Division of Music, emphasis is given to the training of church music directors, teachers, composers and conductors.

In the Division of Communication, the broad emphasis ranges from communication studies to performance courses in public speaking, performance studies and dramatic production.

A candidate for an undergraduate degree with a major in one of the departments of the School of Fine Arts is required to give a public recital or exhibition or to complete an approved special project at an assigned time during his senior year.

Advanced study is also provided in art, music, speech communication, cinema and video production, and film, video and broadcasting. A candidate for a graduate degree is required to give a public recital or exhibition or to complete an approved special project at an assigned time during his program.

The School of Education

The many undergraduate and graduate programs in the School of Education are designed for students

who wish to become teachers, recreation workers, administrators, supervisors or counselors in elementary and secondary schools. A student with these primary goals should enroll in the School of Education. The undergraduate and graduate majors in Biblical Counseling prepare students for ministries as counselors in a variety of Christian settings. The biblical counseling programs are not designed to satisfy government or private agency certification or licensing requirements.

Students desiring to meet certification requirements for the State of South Carolina must have a 2.5 grade point average and meet the prescribed requirements of the state including practical work and directed teaching. Students who desire certification through the American Association of Christian Schools or the Association of Christian Schools International may elect to do their directed teaching in a Christian school and are required to have a 2.5 grade point average. All students desiring to achieve a teaching degree from the School of Education must qualify as candidates by passing the appropriate Praxis I Examination given during the freshman year and take the appropriate Praxis II Examinations in their senior year.

These graduates are now serving as administrators, teachers and counselors in Christian schools, public schools, mission schools in foreign countries and a wide range of Christian ministries around the world.

The School of Business

The undergraduate programs in the School of Business are designed to prepare graduates for positions in the ministry of business. With baccalaureate majors in Accounting, Business Administration, International Business, Administrative Management, and Human Resource Management and associate degrees in various trades fields. The experienced, well-prepared and dedicated faculty provide the type of education that enables graduates of the School of Business to achieve leadership positions in their chosen field. Recruiters from many of America's leading industries come to the campus to interview our students.

Master of Business Administration degree and Master of Science degree with a major in Accountancy are offered for advance study.

Graduate Work

A number of graduates of BJU go each year to graduate schools for further work leading to the master's and doctor's degrees. A student who plans to do this graduate work should have in mind by the end of his sophomore year the field in which he plans to pursue his graduate studies; and, if possible, he

should have selected the institution in which he plans to study. This will enable him to plan his work during his last two years of undergraduate study in accordance with the requirements of the graduate school he plans to enter. A student will not be recommended for graduate work unless he makes an average of B in his undergraduate work.

Professional Schools

A student who plans to enter a professional school should consult the requirements of the particular professional school he has selected in planning his preparatory work in Bob Jones University. A student who is interested primarily in technological subjects other than cinema, radio, television and electronics is not advised to remain in Bob Jones University more than one year.

The Christian preparing for medical or dental school will find the Premed/Predent major an excellent program. This academic curriculum, plus the firm foundation in the study of the Scriptures and Christian living, enables the student who excels to have a strong background for medical or dental school where admission is dependent upon overall academic performance, state requirements, scores on the Medical College Admissions Test, the personal interview and the number of applicants.

Students interested in the fields of medicine and dentistry should consult with the Dean of the College of Arts and Science for advice concerning their future studies.

Other Educational Ministries Academy, Junior High School and Elementary School

The educational program on grade levels K–12 offered in conjunction with Bob Jones University provides a strong character-building emphasis through training in discipline and a thorough saturation with biblical principles. The curriculum is well balanced and academically stimulating, providing a good foundation for those going on to Bob Jones University.

General Requirements Associate Degrees Summary of Degrees and Concentrations

Students earning an associate degree will choose one field of concentration in the School of Religion, the School of Education or the School of Business.

Every student must take Bible in residence in order to earn a degree.

Requirements of the different divisions are listed under the departments of instruction elsewhere in the catalog.

General courses required for the Associate Degree

Freshman Seminar 1 semester hour
 English 6 semester hours
 (The student is required to complete En 102. If the student is placed into En 100 due to ACT scores or placement test the English sequence would be En 100, En 101 and En 102. If the student places into En 101 the English sequence would be En 101 and En 102. If the student places out of En 101 the English sequence would be En 102 and En 103. A grade of C or above is required in En 100, En 101 and En 102.)

Bible-Bi 105, 109, 230, 301, 302
 and electives 11 semester hours
 (A course in Bible must be elected by every student in residence each semester until all degree requirements have been completed or 8 Bible courses have been completed satisfactorily. A passing grade is required for all Bible courses. Students accelerating in their academic programs and completing all requirements at Bob Jones University in fewer than 6 semesters are accountable for 6 Bible courses. Students who begin their college work at BJU may not transfer Bible from another institution. Students transferring 12 semester hours of course work from other institutions prior to attending Bob Jones University may possibly be exempt from one of the 6 Bible courses; students transferring 24 or more semester hours may possibly be exempt from 2 Bible courses. All transfer students must take at least three Bible courses at Bob Jones University regardless of the number of Bible courses transferred. Bible must be taken the first two semesters, or until two have been completed with satisfactory grades. A student may obtain a Bible exemption if he has taken Bible in summer school or has taken more than one Bible course in a previous semester. A transfer student who has transfer credit for Bible may obtain an exemption after he has successfully completed two courses at BJU.)

Introduction to the Arts. 1 semester hour
 Math/Science/Computer Science . . 3 semester hours
 Speech 5-6 semester hours

Ministerial students will take Preparation for Service/Evangelism.

General Requirements for Bachelor Degrees Summary of Degrees and Concentrations

Students earning the Bachelor degree will take a major of at least 36 semester hours in one of the university schools and may take a minor of at least 18–24 semester hours.

Every student must take at least two courses of Bible while in residence and have credit for Bi 301, Bi 302 and Bi 230 in order to earn a degree. All Bible courses must be passed with a grade of C or higher

with the exception of those at the 100–200 levels. Students who major in Bible must have C grades or higher in these courses, also.

Requirements of the different departments are listed under the departments of instruction elsewhere in the catalog. A course completed with a grade of D cannot be counted toward a major, a minor, or professional course in any department.

General courses required for the Bachelor's Degree

- Freshman Seminar 1 semester hour
- English 9 semester hours
(The student is required to complete the En 101, En 102 and En 103 sequence. A grade of C or above must be made in both En 101 and En 102. Students who place out of En 101 on the diagnostic test complete the English requirement with En 102, En 103 and one of the following: En 202, En 203, En 204, En 205, En 206, PW 211 or PW 322. The student must have credit for En 102.)
- History 101-102 6 semester hours
- Essential Science 3 semester hours
- Foundations in Economics 3 semester hours
- Introduction to the Arts. 1 semester hour
- Fine Arts Appreciation Elective
AR 225, Mu 225 or DP 225 2 semester hours
- Science, Mathematics or Computer Science* 3 semester hours
All students with math ACT scores below 18 on the enhanced test (15 on the old test) will be required to take one course bearing an Ma prefix prior to graduation.
- Bi 105, 109, 230, 1 Bible elective on the 200 level, 1 Bible elective on the 300-400 level, 401 (or NT 515), 402 (or NT 516) and 499. 16 semester hours

Note: School of Religion majors, with the exception of non-ministerial BAPCT degree candidates, will fulfill Bible electives with courses bearing an OT or NT prefix.

(A course in Bible must be elected by every student in residence each semester until all degree requirements have been completed or 10 Bible courses have been completed satisfactorily. A passing grade is required for Bi 105, 109 and all 200-level Bible courses. A grade of C or better is required for all other Bible courses. Students accelerating in their academic programs and completing all requirements at Bob Jones University in fewer than 8 semesters are accountable for 8 Bible courses. Students who begin their college work at BJU may not transfer Bible from another institution. Students transferring 12 semester hours of course work from other institutions prior to attending Bob Jones University may possibly be exempt from one of the 8 Bible courses; students transferring 24 or more semester hours may possibly

be exempt from 2 Bible courses. All transfer students must take at least three Bible courses at Bob Jones University regardless of the number of Bible courses transferred and have credit for Bi 230, 401, 402 and 499. Bible must be taken the first two semesters, or until two have been completed with satisfactory grades. A student may obtain a Bible exemption if he has taken Bible in summer school or has taken more than one Bible course in a previous semester. He may also obtain a Bible exemption once he completes 10 Bible courses satisfactorily. A transfer student who has transfer credit for Bible may obtain an exemption after he has successfully completed two courses at BJU.)

- Themes in Western Thought. 3 semester hours
- Speech Communication 5-6 semester hours
- Philosophy or Psychology 3 semester hours

Additional required courses for the Bachelor of Arts Degree

- Foreign Language* 12 semester hours
(The student is required to complete two years of one language. These courses should not repeat any language courses taken in high school. Bible majors are required to take two years of Greek or one year of Greek and two years of a modern language.)

Additional required courses for the Bachelor of Music Degree

- Foreign Language 6 semester hours

**Academic Procedures and Regulations
The Academic Year**

The Bob Jones University academic year is divided into two semesters of 16 weeks each. The school year ordinarily begins one week before Labor Day with official opening Wednesday before Labor Day and closing the first week of May. The semester hour is the unit of credit.

Summer Sessions

Bob Jones University offers three four-week sessions of summer school commencing the Monday following commencement each year primarily for the benefit of students already enrolled. Undergraduate courses are offered in the first and second sessions; graduate courses are offered during the second and third sessions. A student is able to earn a maximum of seven semester hours' credit each session. Members of the regular faculty will serve during the summer sessions. The schedule of courses with complete information for the summer sessions is available in the university summer sessions schedule of classes. Those interested in attending the summer session should contact the Director of Admissions.

Coursework Taken Elsewhere

Any currently enrolled student who plans to take work elsewhere during summer school with the intention of counting this work toward degree requirements in Bob Jones University must have the permission of the registrar before enrolling in such 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 this 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. Sixteen semester hours constitute the maximum amount of credit which a student may receive for work completed during the summer in BJU and/or elsewhere.

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 correspondence work.

Summer Extension Program

The purpose of the university summer extension program is to provide the field laboratory work required of every ministerial student and women students pursuing a major in the School of Religion who expects to reenroll in Bob Jones University for the following fall session. BJU offers the field laboratory courses for undergraduate and graduate students. These courses, Ministry Practicum and Practical Evangelism, are described in detail under the School of Religion.

For the satisfactory completion of one of these, a student receives two semester hours of credit. Six semester hours are allowed on the undergraduate level. The tuition for these courses is listed under "Summer School Expenses."

Registration and Advisory System

One to three 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 own previous academic record. Each student is assigned to a faculty advisor who assists him in making out his program of study. During the school year a student may consult his faculty advisor, his dean, or any member of the registrar's office staff at any time concerning his course of study and his future academic plans. Every degree candidate is furnished with a checklist showing his exact standing in relation to graduation requirements. While everything possible is done to help the student plan his program correctly, the final responsibility for taking the courses which will fulfill the graduation requirements rests upon the student.

Student Load

A normal full-time student load is 16-17 hours a semester. The minimum full-time load for residence hall students is 12 hours and for day students is 10 hours; the maximum load is 20 hours including correspondence work. Any student who is permitted to enroll for additional hours above 18 will be charged for the additional hours at one-half the per semester hour rate. The basis on which overload permission is granted is the Grade Point Average (GPA) earned in work completed here. For a load greater than 16 hours, a student must have a GPA of 2.0 or above. BJU recommends that a student with a GPA less than 3.0 not take more than 18 hours. Sixteen semester hours constitute the maximum amount of credit which a student may receive for work completed during the summer in BJU and/or elsewhere. Campus work students or those who have part-time employment outside BJU may be required to reduce their program of studies or to relinquish their campus jobs or other part-time employment if they fail to preserve a satisfactory scholastic average or to do their other work satisfactorily. 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 work rather than to accumulate credits above the 128 required for graduation.

No student may register for or receive credit in transfer for more than 20 hours in one semester.

No course which has been completed with a grade of C or above 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.

Classification of 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 semester hours of credit and 52 quality points; all entrance deficiencies removed.

Junior: At least 62 semester hours of credit and 120 quality points.

Senior: At least 96 semester hours of credit and 188 quality points; reasonable prospect of completing the requirements for graduation in two additional semesters of work.

Special (undergraduate): A student who applied and was admitted as a special student according to the procedures described under "Admission as a Special Student"; or a student who was originally admitted as a

regular student but who has had his classification changed to “Special” through the registrar’s office. Ordinarily, only persons of mature age and experience are admitted as special students. In all cases, no student has the academic classification of a special student unless he has been so classified by the registrar’s office. Special students are not candidates for a degree.

Part-Time: A student carrying fewer than 10 load hours, the minimum full-time load. Since all students living on the campus are full-time students (even though under extenuating circumstances a residence hall student may be allowed to carry fewer than 12 hours), only day students may qualify for part-time classification. Because part-time students pay according to a different expense schedule, every part-time student should be careful to consult the expense schedule given for such students under “Financial Information.”

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. Part-time students take a course each semester of enrollment and full-time students take a course during their first two semesters of enrollment.

Course Credit

Credit is given in semester hours, each semester hour representing 16 hours of class work or a minimum of 32 hours of laboratory work. 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 class work three hours a week and for laboratory work a minimum of two hours a week will give four semester hours’ credit.

Grading System

The following grading system is used by all schools of BJU in the undergraduate level.

- A Superior
- B Above Average
- C Average
- D Passing
- F Failure
- I Incomplete
- W Withdrawn from course
- WF Withdrawn failure
- AU Audit
- NR Not reported
- P Passed

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.

Generally, for final examinations, the score percentage of 60 shall be the minimum level for satisfactory performance.

Permits for late examinations may be acquired at the Records Office.

Grade Reports

Students are given an opportunity to evaluate their progress at approximately the midpoint of the semester. Midterm progress will be posted on StudentCentral.

Formal grade reports are posted each academic period (i.e., at the end of each semester). Any questions concerning the accuracy of a grade report should be submitted to the teacher within 30 days of the report being issued.

Students who made an incomplete (“I”) during first semester are required to make up or complete their work by the following March 1. Students who receive an “I” during second semester or summer school 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 F. A student who makes up his work within the required time will receive a grade determined by the instructor.

Quality Points

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

- A 4 quality points per semester hour earned
- B 3 quality points per semester hour earned
- C 2 quality points per semester hour earned
- D 1 quality point per semester hour earned
- F 0 quality points per semester hour earned
- P 0 quality points per semester hour earned

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

Semester Hours and Quality Points

Associate Degree: At least 90 hours and a 2.0 cumulative grade point average must be earned.

Baccalaureate Degree: At least 128 semester hours and a 2.0 cumulative grade point average must be earned for the baccalaureate degree. Two-thirds of the work taken during the junior and senior years must be taken in courses numbered in the 300s, 400s and

500s. No more than a total of six hours of internships may be applied toward a degree.

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

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

Scholarship Committee

The Scholarship Committee, composed of six academic deans, the registrar and the provost of BJU, who serves as chairman of the Committee, is the custodian of the academic affairs. It is the work of this Committee to periodically review academic regulations and to make such revisions from time to time as are deemed necessary. The Committee considers any special requests of an academic nature which represent any deviation from the established academic regulations. All cases of conditional enrollment and those of students on probation and students whose academic records are unsatisfactory are reviewed by the Committee. At the discretion of the Committee, a student whose academic progress is unsatisfactory will be dropped for poor scholarship.

All honors and awards of an academic nature must be approved by this Committee.

Grievance Procedures

Those who experience any difficulties in their relationship as students are encouraged to discuss their concerns with the appropriate university personnel. Most students will find that their concerns can be handled quickly and satisfactorily by speaking with those most directly responsible for their areas of concern.

Questions pertaining to classroom experiences should first be referred to your classroom teacher. If you are unable to resolve the difficulty at this level, you should consult your academic advisor, department chairman, division chairman and finally your academic dean. Academic concerns that cannot be resolved satisfactorily by your academic dean should be referred to the Scholarship Committee. The Scholarship Committee consists of the academic deans, the registrar and the provost. Decisions of the scholarship committee are final.

Concerns about grades should be referred to the teacher who gave the grade. Questions about academic records should be referred to the Records Office. If the questions about grades or records are not resolved satisfactorily, students should contact their dean about

grades and the Records Office about records. Any further questions should be directed to the registrar and the provost. Their decision may be appealed to the Scholarship Committee. Decisions of the Scholarship Committee are final.

Infractions of student rules and regulations are handled by the Discipline Committee. The Discipline Committee consists of representatives from the dean of men's and dean of women's staff and two students from the Inter-Society Council. Questions pertaining to disciplinary actions should be referred to the dean of men and the dean of women. Those that are unresolved at this level may be appealed to the dean of students' office for review. The dean of students will appoint a special appeals committee to consider the grievance. The special appeals committee is selected from staff members from the offices of the dean of men and women, the dean of men, the dean of women, residence hall counselors and the dean of students. Decisions of the special appeals committee are final.

Financial arrangements are described in the Financial Information section of this catalog. Students who do not believe their financial affairs have been handled properly are encouraged to discuss their concerns with personnel in the Business Office. If their problem is not handled to their satisfaction, they should contact the Business Office Manager and the Chief Financial Officer. The decision of the Chief Financial Officer is final.

Any questions concerning financial aid originating with an agency or organization off campus may be appealed directly to that office.

Numbering of Courses

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

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

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

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

Courses numbered from 500 to 599 are advanced courses primarily for juniors and seniors and graduate students. Whether undergraduate or graduate credit is awarded will be determined by the student's classification at the time he registers for the course. Students taking 500-level courses for graduate credit will have an additional project or paper as part of their course requirements.

Courses numbered from 600 to 699 are primarily for graduate students pursuing master's degrees.

Courses numbered from 700 to 899 are primarily for advanced graduate and doctoral students.

Course Enrollments

No course will be offered in any of the undergraduate schools unless there is an enrollment of at least ten persons.

Change of Course

After registration the student is given time to make any necessary adjustments in his schedule. All schedule changes are subject to a change fee. After this 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 schedule without following the correct Records Office procedure will receive a grade of F for the course involved.

38 Course Offerings

The curricula of the catalog and the class schedule are made up primarily with the degree student in mind. Any student, therefore, who expects to attend BJU for only one or two years should be careful to ascertain through correspondence whether special courses he may wish to take will be given during the time he is in residence. BJU can assume no responsibility to offer certain courses for students who plan to come only one or two semesters. Although the schedule of courses presented in this catalog is 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.

Residence

At least one year in residence is required at BJU (either an associate or a baccalaureate program), including the last semester for those who lack more than 11 hours in a baccalaureate degree program; for those who lack more than 6 hours 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 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 student who is in residence only two semesters, the year's work will be construed as a minimum of 30 semester hours for a baccalaureate program and 24 for an associate program. For residence 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 (two four-week sessions) of full-time study is considered to be equivalent to one semester of resi-

dent study. Any student who does not complete all requirements remaining toward his undergraduate degree within three years of his final residence will be required to complete an additional semester (12 hours) in residence before he can be granted a degree. Any student not completing all remaining requirements within five years of his final residence will be required to complete one full year (24 hours) in residence before he can be granted a degree. Any student who leaves BJU before completing all of his requirements for graduation is responsible to meet the requirements of the catalog which are in effect at the time of his return.

Distance Education

A limited amount of work may be taken by correspondence or satellite and transferred to count toward the requirements for graduation. *All courses taken in this manner must be approved by the registrar before they are taken.* A maximum of 30 semester hours from all approved sources may be recognized, including credit that is recognized from Advance Placement (AP) and College-Level Examination Program (CLEP) examinations. 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. (Independent learning work does not fulfill residency requirements).

Cocurricular Credit

Cocurricular credit may be earned by accumulating a hundred participation points through various university-sponsored activities. The maximum of two cocurricular credits may be earned during an academic year. Credit is awarded at the end of the school year and counts toward general electives.

Examinations

Examinations given during the academic year are listed below with an indication of the groups of whom they are required, the approximate time they are given, and the use made of the results.

1. **Basic Skills Proficiency Test**—required of all sophomore education majors before they can be officially accepted into the teacher-training program.
2. **Challenge Examinations**—required in the area of nursing for the student entering as a registered nurse and in the area of aviation for the student who will be majoring in missionary aviation or business and commercial aviation and who has attained either the private or commercial pilot certificate and instrument rating. See details below.
3. **Computer Science Placement Test**—required of students registering for a computer science class who have computer experience.

4. **Diagnostic departmental examinations in mathematics, modern language, business, etc.**—administered departmentally at the beginning of each semester.
5. **English Diagnostic Test**—required of all new baccalaureate students who have no ACT Scores.
6. **English Placement Test**—required of all new certificate and associate students who have no ACT Scores.
7. **Mathematics Proficiency**—all baccalaureate students with math ACT scores below 18 on the enhanced test will be required to take any course bearing an Ma prefix prior to graduation.
8. **Music Readiness Test**—required of all Elementary Education majors in their sophomore year.
9. **Music Theory Placement Examination**—required of all transfer music majors and entering graduate students majoring in music. Also given to any new undergraduate music major who wishes (on the basis of previous training in music theory) to exempt any part of music theory.
10. **Praxis Examination Series****Praxis I Examination**—required of students desiring to achieve a teaching degree from the School of Education; administered during the freshman year.
Praxis II Examination—subject area required of all graduating seniors; administered in November and March.
11. **Semester Examinations**—official university examinations in all departments; administered the last four days of each semester.
12. **Validation Examinations**—described in detail below.

Challenge Examinations

Challenge Examinations are required in the area of nursing for the student entering as a registered nurse and in the area of aviation for the student who will be majoring in missionary aviation or business and commercial aviation and who has attained either the private or commercial pilot certificate and instrument rating before enrolling in Bob Jones University.

The licensed registered nurse (RN), who desires to enter the BSN degree program at Bob Jones University, must take comprehensive theory and clinical challenge examinations corresponding to courses in our degree program. Credit will be allotted as designated in the course areas of our program for which a successful challenge has been completed. The amount of credit to be allotted will depend upon the number of successful challenges. If the student should fail at any challenge phase, he will enter our BSN curriculum at that point. The cost of the challenge in each course area will be the clinical fee for that course. Once a student has challenged all of his nursing courses through Nu 302 and/or Nu 404, he may enroll in the senior-level courses Nu 405 and Nu 406.

In the area of aviation, one of three challenge

examinations may be taken. Each examination will consist of both a written part and a flight proficiency portion. Those having completed the private pilot certificate and who successfully pass the challenge examination will be awarded six semester hours of credit. The cost for the examination is \$100 plus the dual rate for the flight proficiency test. Those having completed the private pilot certificate with instrument rating, who successfully pass the challenge examination, will be awarded twelve semester hours of credit. The cost for the challenge examination is \$150 plus the dual rate for the flight proficiency test. Those who have completed the commercial pilot certificate with instrument rating, upon successfully completing the challenge examination, will be awarded eighteen semester hours of credit. The cost of the examination is \$200 plus the dual rate for the flight proficiency test. The aviation challenge examinations must be completed within the first eight weeks of the first semester of the student's enrollment in Bob Jones University. The maximum credit allowed in transfer in aviation is eighteen semester hours. Those who have completed the commercial pilot certificate with instrument rating and have obtained in transfer eighteen semester hours of credit must still complete in residence the minimum of twenty hours of dual instruction with one of our flight instructors. Students are encouraged to pursue the Flight Instructor Certificate. Once the student has enrolled in the aviation program at Bob Jones University, no work taken in aviation elsewhere will be considered for challenge or transfer.

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 after their arrival at BJU. A fee of \$50 is charged for each validation examination. Courses completed in a business school not a part of a regular university or college must be validated by examination before transfer credit may be given. 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 in BJU.

Transcripts

To order a transcript, a student/former student must make request in writing to the Records 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 place designated. Please include the name and address of the organiza-

tion to whom you wish the official transcript to be sent. Unofficial transcripts may be sent directly to the student.

There is no charge for transcripts unless more than nine are requested at one time. Then the charge will be \$1 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, 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 the Business Office must be current before a transcript may be released. An official transcript is issued to a designated organization and bears the multi-colored seal of BJU and a signature of the registrar. An unofficial transcript is stamped "Issued to Student." A form is available at www.bju.edu/academics/transcript/.

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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. mail. Any type of special handling will necessitate an additional charge that must be paid in advance.

Mail all requests for transcripts to the Records Office, Bob Jones University, Greenville, SC 29614-0001 or fax (864) 235-6661.

COLLEGE OF
ARTS AND SCIENCE

Robert R. Taylor, PhD, Dean



GENERAL INFORMATION

Purpose

The College of Arts and Science endeavors to provide a liberal arts education by teaching a person to be at home in the world of the mind and ideas; by helping him to understand and respond constructively to problems in the political, social and economic arenas; by challenging him to bring discipline and order into his own life and that of a needy society; and by refining his ethical and aesthetic sensibilities. Based on the eternal foundation of God's Word, the touchstone of truth, it uniquely integrates faith and learning, teaching not only how to make a living but also how to live.

Divisions and Departments

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

I. Division of English Language and Literature

Department of English

Department of Linguistics

Department of Philosophy

II. Division of Foreign Language and Literature

Department of Modern Languages

III. Division of Natural Science

Department of Biology

Department of Chemistry

Department of Physics and Engineering

IV. Division of Mathematical Sciences

Department of Mathematics

Department of Computer Science

V. Division of Nursing and Health Science

VI. Division of Social Science

Department of History

Department of Social Studies

VII. Division of Graduate Studies

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DEGREES OFFERED

Undergraduate Degrees

The *Bachelor of Arts* degree with majors in Creative Writing, English, French, German, History, Humanities, International Studies, Political Science and Spanish.

The *Bachelor of Science* degree with majors in Actuarial Science, Biochemistry and Molecular Biology, Biology, Chemistry, Computer Science, Criminal Justice, Electronics and Computer Technology, Engineering, Family and Consumer Sciences, Foods and Nutrition, Information Technology, Mathematics, Physics, Premed/Preudent and Pre-Physical Therapy.

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

Graduate Degrees *(Secure Seminary and Graduate School Catalog from the Records Office)*

The *Master of Arts* degree with majors in English and History.

Bachelor of Arts Degree, Humanities Major

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.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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
	Foreign Language	3		Foreign Language	3
	Electives	4		Electives	1
	TOTAL	16		TOTAL	16

Second Year

Sc 200	Essential Science	3	Bi 230	Hermeneutics	2
	British Literature ²	3		American Literature ³	3
	Foreign Language	3		Foreign Language	3
	History Elective	3		History Elective	3
	Sophomore Bible Elective ⁴	1		Natural Science Elective	3
	Electives	3		Electives	2
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	SSE 200	Foundations of Economics	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Professions	3	Ar 225	Appreciation of Art	2
	English Elective ⁵	3		English Elective ⁵	3
	Electives	4		Philosophy	3
	TOTAL	16		Electives	2
				TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3		Psychology	3
	Mathematics or Computer Science	3		Upper-Level Bible Elective ⁶	2
	Psychology	3		Electives	11
	Electives	7		TOTAL	16
	TOTAL	16			

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Three hours must be taken from the following courses: En 202 British Literature and En 203 British Literature.

³ Three hours must be taken from the following courses: En 204 American Literature, En 205 American Literature and En 206 American Literature.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Six hours must be taken with an En prefix on the 300–500 level (excluding En 340, En 342, En 479, En 501, En 502, En 510, En 516, En 517, En 596 and En 597).

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

DIVISION OF ENGLISH LANGUAGE AND LITERATURE

RAYMOND ALVIN ST JOHN, PhD, *Chairman*

The Division of English Language and Literature of the College of Arts and Science includes the Departments of English, Linguistics and Philosophy.

Department of English

BRUCE EDWARD ROSE, PhD, *Department Head*

The Department offers majors and minors in English and Creative Writing. 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.

Certificate of Completion: Teaching English as a Second Language

A Certificate of Completion in TESL (Teaching English as a Second Language) recognizes successful completion of a certain level of training in teaching English as a second or foreign language. It is available on three levels. Students may request the appropriate certificate from the Records Office when they have successfully completed the prescribed courses for their highest level if they have a grade point average of 2.5 or better in these courses. The courses taken for the certificate do not constitute a degree program, nor will the certificate be recorded on the student's transcript.

46 The certificate of completion does not imply teacher certification by the state of South Carolina.

TESL Certificate of Completion, Basic (6 hours)

En 509 Structure of Modern English (3 semester hours)

En 516 Teaching English as a Second Language (3)

TESL Certificate of Completion, Intermediate (12 hours)

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 Teaching English as a Second Language (3)

TESL Certificate of Completion, Advanced (23–24 hours)

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 TESL (2)

En 516 Teaching English as a Second Language (3)

En 517 TESL Practicum (1)

SSS 504 Cultural Anthropology (3)*

Ed 300 Foundations in Instructional Technology (2)*

Ps 201 Educational Psychology (3)*

*BS candidates (except those majoring in Spanish Education K–12) should substitute 6 hours of a single modern foreign language for two of these three courses.

English Minor

The English minor provides a strong liberal-arts context for a wide range of applications. Sophomore survey courses 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 three of the following four courses: En 202, En 203, En 205 and En 206; En 300; and 6 hours of electives with an En prefix at the 300–500 level excluding En 596 and En 597.

Bachelor of Arts Degree, Creative Writing Major

The Creative Writing major provides preparation for meeting the need for a vital, professionally enhanced Christian witness through the print and electronic media. It aids in the development of proper language usage and creative writing skills through classroom instruction and extensive practice. It focuses on application of imaginative writing to the areas of fiction, drama, film and video, and poetry. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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	PW 211	Expository Writing	3
	Science, Math or Comp Sci ²	3		Fine Arts Appreciation Elective ³	2
	Minor or Electives	4		Minor or Electives	1
	TOTAL	16		TOTAL	16

Second Year

CW 212	Creative Writing	3	En 206	American Literature	3
En 203	British Literature	3	Bi 230	Hermeneutics	2
Ph 200	Themes in Western Thought	3		Creative Writing Major Elective ⁴	3
Sc 200	Essential Science	3		Foreign Language	3
	Foreign Language	3		Philosophy	3
	Sophomore Bible Elective ⁵	1	SSE 300	Foundations of Economics	3
	TOTAL	16		TOTAL	17

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Third Year

CW 411	Short Story Writing	3	En 380	Classical & Medieval Literature	3
En 381	Modern World Literature	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	Foreign Language	3		Foreign Language	3
	Minor or Electives	4		Professional Writing Elective ⁶	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3		Creative Writing Major Elective ⁴	3
	Creative Writing Major Elective ⁴	3		English Elective ⁷	3
	English Elective ⁷	3		Professional Writing Elective ⁶	3
	Minor or Electives	7		Upper-Level Bible Elective ⁸	2
	TOTAL	16		Minor or Electives	5
				TOTAL	16

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Three hours must be taken in one of these subjects.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Nine hours must be taken with a CW prefix.

⁵ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁶ Six hours must be taken with a PW prefix.

⁷ Six hours must be taken with an En prefix on the 300–500 level (excluding En 340, En 342, En 479, En 501, En 502, En 510, En 516, En 517, En 596 and En 597).

⁸ Two hours must be taken with a Bi prefix on the 300–500 level.

Bachelor of Arts Degree, English Major

The English major serves a variety of professional interests and vocational needs. It is a natural choice for students whose vocational plans do not require highly specific undergraduate college preparation. Because of its breadth and flexibility it develops excellent general intellectual and communication skills. It also provides solid preparation for advanced work in English. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	En 103	Composition & Literature	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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 ²	2
	Foreign Language ³	3		Foreign Language ³	3
	Science, Math or Comp Sci ⁴	3		Minor or Electives	1
	Minor or Electives	1		TOTAL	16

Second Year

En 202	British Literature	3	En 203	British Literature	3
Sc 200	Essential Science	3	SSE 200	Foundations of Economics	3
	Foreign Language ³	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ⁵	1		Foreign Language ³	3
	Writing Elective ⁶	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16

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Third Year

En 205	American Literature	3	En 206	American Literature	3
En 300	Literary Criticism	3	En 380	Classical & Medieval Literature	3
En 509	Structure of Modern English	3	En 479	English Seminar	1
Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	Minor or Electives	1		Minor or Electives	3
	TOTAL	16		TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3		English Major Elective	3
	English Major Elective	3		English Major Elective	3
	English Major Elective	3		Upper-Level Bible Elective ⁷	2
	English Major Elective	3		Writing Elective ⁶	3
	Philosophy	3		Minor or Electives	5
	Minor or Electives	1		TOTAL	16

¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ French or German is recommended.

⁴ Three hours must be taken in one of these subjects.

⁵ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁶ Six hours must be taken from the following courses: CW 212 Creative Writing, JMC 302 Magazine Writing, PW 211 Expository Writing, PW 222 Fundamentals of Technical Writing and PW 324 Business Writing.

⁷ Two hours must be taken with a Bi prefix on the 300–500 level.

Department of Linguistics

GRACE COLLINS HARGIS, PhD, *Department Head*

Neither a major nor a minor is offered in Linguistics. Courses are offered in this department mainly for English, French, German, Spanish and Christian Missions majors who must complete specific requirements in linguistics toward their degree programs. The department also offers a Missionary Linguistics Program during summer school to give fuller preparation for language learning and for ministries such as Bible translation.

Department of Philosophy

RONALD ARTHUR HORTON, PhD, *Department Head*

Neither a major nor a minor is offered in Philosophy. Courses are offered in this department for students who must complete the general degree requirements in philosophy. Courses are also available as general electives.

DIVISION OF FOREIGN LANGUAGE AND LITERATURE

BRUCE ALAN BYERS, PhD, *Chairman*

The Division of Foreign Language and Literature of the College of Arts and Science includes the Department of Modern Languages.

Department of Modern Languages

BRUCE ALAN BYERS, PhD, *Department Head*

The Department offers a major or minor in French, German or Spanish, as well as a minor in Teaching English as a Second Language. Courses are offered in Chinese, French, German or Spanish for students who must complete the general degree requirement in foreign language. Courses are also available as general electives.

All students, regardless of prior foreign language proficiency or study, who enroll in a foreign 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 foreign 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.

French Minor

The French minor provides a general understanding of the language, culture, history, philosophy and ethos of French-speaking people.

A minor in French consists of 18 hours of electives with an MLF prefix. See note on placement testing above.

German Minor

The German minor provides a general understanding of the language, culture, history, philosophy and ethos of German-speaking people.

A minor in German consists of 18 hours of electives with an MLG prefix. See note on placement testing above.

Spanish Minor

The Spanish minor provides a general understanding of the language, culture, history, philosophy and ethos of Spanish-speaking people.

A minor in Spanish consists of 18 hours of electives with an MLS prefix. See note on placement testing above.

Bachelor of Arts Degree, French Major

The French major provides through classroom instruction and laboratory experience the opportunity to become reasonably functional in a French-speaking society and environment. Though the program may be completed in residence without study abroad requirements, students are strongly encouraged to participate in study abroad opportunities recommended or sponsored by the University. The French major offers beginning, intermediate and advanced courses as well as a full range of upper-level literature and culture courses. Its instructional approach emphasizes both oral and written communication. This program requires 36 hours in the major above the first semester of the first year of study (MLF 101).

First Year

Uni 101	Freshman Seminar	1	MLF 201	Intermediate French I ¹	3
MLF 102	Elementary French II ¹	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ²	2
	Science, Math or Comp Sci	3		Minor or Electives	1
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

50 Second Year

Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
MLF 202	Intermediate French II ¹	3		French Elective for French Major	3
Sc 200	Essential Science	3		French Major Second Language ³	3
	English Literature or Writing Elec.	3		Philosophy	3
	French Major Second Language ³	3		Minor or Electives	5
	Sophomore Bible Elective ⁴	1		TOTAL	16
	TOTAL	16			

Third Year

SSE 200	Foundations of Economics	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	French Elective for French Major	3		French Elective for French Major	3
	French Elective for French Major	3		French Elective for French Major	3
	French Major Second Language ³	3		French Major Second Language ³	3
	Minor or Electives	1		Minor or Electives	1
	TOTAL	16		TOTAL	16

Fourth Year

Li 301	Descriptive Linguistics	3	Li 302	Historical Comparative Linguistics	3
MLF 479	French Seminar ⁵	1		French Elective for French Major	3
Bi 499	Apologetics and Worldview	3		French Elective for French Major	3
	French Elective for French Major	3		Upper-Level Bible Elective ⁶	2
	French Elective for French Major	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

¹ Students who test out of Elementary French II or Intermediate French I or II will substitute the requirement with a French elective.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Twelve hours must be taken in Chinese, German or Spanish.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Students must take the Oral Proficiency Interview Examination in partial fulfillment of the requirements for this course.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business and Teaching English as a Second Language.

Bachelor of Arts Degree, German Major

The German major provides through classroom instruction and laboratory experience the opportunity to become reasonably functional in a German-speaking society and environment. Though the program may be completed in residence without study abroad requirements, students are strongly encouraged to participate in study abroad opportunities recommended or sponsored by the University. The German major offers beginning, intermediate and advanced courses as well as a full range of upper-level literature and culture courses. Its instructional approach emphasizes both oral and written communication. This program requires 36 hours in the major above the first semester of the first year of study (MLG 111).

First Year

Uni 101	Freshman Seminar	1	MLG 211	Intermediate German I ¹	3
MLG 112	Elementary German II ¹	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ²	2
	Science, Math or Comp Sci	3		Minor or Electives	1
	Minor or Electives	1		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
MLG 212	Intermediate German II ¹	3		German Elective for German Major	3
Sc 200	Essential Science	3		German Major Second Language ³	3
	English Literature or Writing Elec.	3		Philosophy	3
	German Major Second Language ³	3		Minor or Electives	5
	Sophomore Bible Elective ⁴	1		TOTAL	16

Third Year

SSE 200	Foundations of Economics	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	German Elective for German Major	3		German Elective for German Major	3
	German Elective for German Major	3		German Elective for German Major	3
	German Major Second Language ³	3		German Major Second Language ³	3
	Minor or Electives	1		Minor or Electives	1
	TOTAL	16		TOTAL	16

Fourth Year

Li 301	Descriptive Linguistics	3	Li 302	Historical Comparative Linguistics	3
MLG 479	German Seminar ⁵	1		German Elective for German Major	3
Bi 499	Apologetics and Worldview	3		German Elective for German Major	3
	German Elective for German Major	3		Upper-Level Bible Elective ⁶	2
	German Elective for German Major	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16

¹ Students who test out of Elementary German II or Intermediate German I or II will substitute the requirement with a German elective.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Twelve hours must be taken in Chinese, French or Spanish.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Students must take the Oral Proficiency Interview Examination in partial fulfillment of the requirements for this course.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business and Teaching English as a Second Language.

Bachelor of Arts Degree, Spanish Major

The Spanish major provides through classroom instruction and laboratory experience the opportunity to become reasonably functional in a Spanish-speaking society and environment. Though the program may be completed in residence without study abroad requirements, students are strongly encouraged to participate in study abroad opportunities recommended or sponsored by the University. The Spanish major offers beginning, intermediate and advanced courses as well as a full range of upper-level literature and culture courses. Its instructional approach emphasizes both oral and written communication. This program requires 36 hours in the major above the first semester of the year of study (MLS 141).

First Year

Uni 101	Freshman Seminar	1	MLS 241	Intermediate Spanish I ¹	3
MLS 142	Elementary Spanish II ¹	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ²	2
	Science, Math or Comp Sci.	3		Minor or Electives	1
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

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Second Year

Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
MLS 242	Intermediate Spanish II ¹	3		Philosophy	3
Sc 200	Essential Science	3		Spanish Elective for Spanish Major	3
	English Literature or Writing Elec.	3		Spanish Major Second Language ³	3
	Sophomore Bible Elective ⁴	1		Minor or Electives	5
	Spanish Major Second Language ³	3		TOTAL	16
	TOTAL	16			

Third Year

SSE 200	Foundations of Economics	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	Spanish Elective for Spanish Major	3		Spanish Elective for Spanish Major	3
	Spanish Elective for Spanish Major	3		Spanish Elective for Spanish Major	3
	Spanish Major Second Language ³	3		Spanish Major Second Language ³	3
	Minor or Electives	1		Minor or Electives	1
	TOTAL	16		TOTAL	16

Fourth Year

Li 301	Descriptive Linguistics	3	Li 302	Historical Comparative Linguistics	3
MLS 479	Spanish Seminar ⁵	1		Spanish Elective for Spanish Major	3
Bi 499	Apologetics and Worldview	3		Spanish Elective for Spanish Major	3
	Spanish Elective for Spanish Major	3		Upper-Level Bible Elective ⁶	2
	Spanish Elective for Spanish Major	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

¹ Students who test out of Elementary Spanish II or Intermediate Spanish I or II will substitute the requirement with a Spanish elective.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Twelve hours must be taken in Chinese, French or German.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Students must take the Oral Proficiency Interview Examination in partial fulfillment of the requirements for this course.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· Spanish majors are encouraged to take Hi 513 History of Latin America.

· Recommended minors: Business and Teaching English as a Second Language.

DIVISION OF NATURAL SCIENCE

GEORGE THOMAS MATZKO, PhD, *Chairman*

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

The Division offers minors in Composite Science and Physical Science. Courses in the division and various departments are offered for students to fulfill the general degree requirements in science. Courses which bear an Sc prefix are not applicable toward a major or minor in science. Courses are also available as general electives.

Composite Science Minor

The Composite Science minor provides instruction in basic science courses to meet the special curricular requirements of the following majors: Foods and Nutrition; Family and Consumer Sciences; Health, Fitness and Recreation; and education majors.

A minor in Composite Science with a Foods and Nutrition or Family and Consumer Sciences major consists of Chm 105, Chm 106, Bio 102, and 12 hours of electives with a Bio, Chm or Phy prefix.

A minor in Composite Science with a Health, Fitness and Recreation major consists of Phy 101, Chm 105, Bio 102, Bio 303, Bio 304 and 4 hours of electives with a Bio prefix.

A minor in Composite Science with education majors consists of Phy 101, Phy 102, Chm 103, Chm 104, Bio 100 and Bio 101.

Physical Science Minor

A minor in Physical Science consists of Chm 103, Chm 104, Chm 106, Chm 116, Phy 101 and Phy 102.

Department of Biology

WILLIAM MICHAEL GRAY, PhD, *Department Head*

The Department offers a major and minor in Biology as well as preprofessional programs with majors in Premed/Preudent and Pre-Physical Therapy. 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 Bio 100, Bio 101, Bio 202, Bio 203, Bio 300 and 4 hours of electives with a Bio prefix. Note: Bio 203 and the 4-hour elective can be replaced with Bio 208-209.

Bachelor of Science Degree, Biology Major

The Biology major captures the breadth of biology while maintaining the necessary depth of preparation for continued study in graduate and professional schools. We offer two different tracks to allow a level of specialization appropriate for the undergraduate level. Both tracks require students to study organisms 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. All of our courses are taught within the context of biblical creation and offer a scientific and philosophical refutation of evolution. The Cell Biology Track allows development of a deeper focus on the cellular and molecular levels while the Organismal 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 Organismal Biology track. With careful selection of electives, this track can be customized to provide excellent preparation for veterinary medicine programs. This program requires 36 hours in the major.

(Cell Biology)

First Year

Uni 101	Freshman Seminar	1
Bio 100	General Biology I	4
Ma 103	College Algebra	3
Hi 101	History of Civilization	3
Bi 105	Old Testament Messages	1
FA 125	Introduction to the Arts	1
	English Composition	3
	TOTAL	16

Bio 101	General Biology II	4
Ma 105	Transcendental Functions ¹	3
Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3
	English Composition	3
	Fine Arts Appreciation Elective ²	2
	TOTAL	16

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Second Year

Bio 202	Essentials of Cell Biology	4
Chm 103	General Chemistry I	4
SSS 305	Science: Impact on Society	3
	English Literature or Writing Elec	3
	Sophomore Bible Elective ³	1
	Minor or Electives	1
	TOTAL	16

Bio 203	Biological Diversity	4
Bio 210	Research Methods & Analysis	1
Chm 104	General Chemistry II	4
Hi 102	History of Civilization	3
Bi 230	Hermeneutics	2
	Minor or Electives	2
	TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3
Bio 300	Evolution and Origins	3
Bi 401	Bible Doctrines	3
	Cell Biology Elective ⁴	4
	Philosophy or Psychology	3
	TOTAL	16

Bio 303	Human Anatomy & Physiology I	4
Ma 210	Elementary Statistics	3
SSE 200	Foundations of Economics	3
Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Professions	3
	TOTAL	16

Fourth Year

Bio 409	Independent Study ⁵	1
Bio 479	Critical Eval of Biology Literature	1
Bio 505	Genetics	4
Bi 499	Apologetics and Worldview	3
	Minor or Electives	7
	TOTAL	16

Bio 410	Independent Study ⁵	1
	Cell Biology Elective ⁴	4
	Upper-Level Bible Elective ⁶	2
	Minor or Electives	9
	TOTAL	16

¹ Six hours of mathematics at this level or higher are required. Three hours are required for students who place into Ma 180 Introduction to Calculus or Ma 200 Calculus I. Ma 210 Elementary Statistics is also required.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Eight hours must be taken from the following courses: Bio 302 Developmental Biology, Bio 304 Human Anatomy & Physiology II, Bio 322 Bacteriology & Virology, Bio 504 Immunology and Bio 506 Cell & Molecular Biology.

⁵ Bio 411-412 may be substituted, but only two hours may be counted toward the required hours in the major.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

• Recommended minors: Chemistry and Physical Science.

(Organismal Biology)

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 105	Transcendental Functions ¹	3
Ma 103	College Algebra	3	Bi 109	New Testament Messages	1
Hi 101	History of Civilization	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		Fine Arts Appreciation Elective ²	2
	English Composition	3		TOTAL	16
	TOTAL	16			

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
SSS 305	Science: Impact on Society	3	Hi 102	History of Civilization	3
	English Literature or Writing Elec	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ³	1		Minor or Electives	3
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	Bio 210	Research Methods & Analysis	1
Bio 300	Evolution and Origins	3	Bi 402	Bible Doctrines	3
Ma 210	Elementary Statistics	3	Com 410	Oral Communication for the Professions	3
Bi 401	Bible Doctrines	3		Organismal Biology Elective⁴	4
	Minor or Electives	4		Philosophy or Psychology	3
	TOTAL	16		Minor or Electives	2
				TOTAL	16

Fourth Year

Bio 202	Essentials of Cell Biology	4	SSE 200	Foundations of Economics	3
Bio 479	Critical Eval of Biology Literature	1		Organismal Biology Elective⁴	4
Bi 499	Apologetics and Worldview	3		Upper-Level Bible Elective ⁵	2
	Organismal Biology Elective⁴	4		Minor or Electives	7
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

¹ Six hours of mathematics at this level or higher are required. Three hours are required for students who place into Ma 180 Introduction to Calculus or Ma 200 Calculus I. Ma 210 Elementary Statistics is also required.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Twelve hours must be taken from the following courses: Bio 200 Invertebrate Zoology, Bio 201 Vertebrate Zoology, Bio 205 Parasitology, Bio 215 Biology of Vascular Plants, Bio 306 Systematics, Bio 322 Bacteriology & Virology, Bio 501 Ecology or Bio 502 General Entomology.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Chemistry and Physical Science.

Bachelor of Science Degree, Premed/Predent Major

The Premed/Predent major provides an education that meets preprofessional entrance criteria for medical/dental schools. Classroom instruction and laboratory work are carefully planned to ensure that the student is prepared for the challenges of medical/dental school. Because of its composition, the Premed/Predent major can serve also as preparation for graduate study in biology or chemistry, if desired. This program requires 60 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 105	Transcendental Functions	3
Ma 103	College Algebra ¹	3	Bi 109	New Testament Messages	1
Hi 101	History of Civilization	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
FA 125	Introduction to the Arts	1		Fine Arts Appreciation Elective ²	2
	English Composition	3		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Bio 303	Human Anatomy & Physiology I	4
Bio 202	Essentials of Cell Biology	4	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Hi 102	History of Civilization	3
	English Literature or Writing Elec	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ³	1		Biology Elective	4
	TOTAL	15		TOTAL	17

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Third Year

Bio 304	Human Anatomy & Physiology II	4	Bio 490	Student Medical Internship	1
Chm 203	Organic Chemistry I	4	Chm 204	Organic Chemistry II	4
SSS 305	Science: Impact on Society	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3		Intermediate Physics or General Physics II	5
	Introductory Physics or General Physics I	4		TOTAL	13
	TOTAL	18			

Fourth Year

Bio 300	Evolution and Origins	3	Ph 402	Ethics	3
Bio 505	Genetics	4	Chm 406	Biochemistry II	4
Chm 405	Biochemistry I	4	SSE 200	Foundations of Economics	3
Bi 499	Apologetics and Worldview	3		Biology Elective	4
Com 410	Oral Communication for the Professions	3		Upper-Level Bible Elective ⁴	2
	TOTAL	17		TOTAL	16

¹ Six hours of mathematics at this level or higher are required. Three hours are required for students who place into Ma 200 Calculus I.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

Formal acceptance as a Premed/Predent major will be determined by a faculty committee's evaluation of the student's performance after the sophomore year.

Bachelor of Science Degree, Pre-Physical Therapy Major

The Pre-Physical Therapy major includes all of the normal prerequisites for a post-baccalaureate physical therapy education program. These prerequisites also meet or exceed those required for other graduate programs leading to a career in a wide variety of allied health areas, such as anesthesiologist's assistant, athletic trainer, blood bank technologist, cytotechnologist, medical technologist, medical record administrator, nuclear medicine technologist, occupational therapist, perfusionist, physician's assistant or surgeon's assistant. This program prescribes a 60-hour major combination of biology (26 hours), chemistry (16 hours), physics (9 hours), and health and physical education (9 hours).

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Sc 110	Physical Therapy Survey	1	Ma 105	Transcendental Functions	3
Bio 100	General Biology I	4	Bi 109	New Testament Messages	1
Ma 103	College Algebra ¹	3	FA 125	Introduction to the Arts	1
Hi 101	History of Civilization	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
	English Composition	3		TOTAL	15
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	Bio 201	Vertebrate Zoology	4
Chm 103	General Chemistry I	4	Bio 303	Human Anatomy & Physiology I	4
HPE 104	First Aid & Safety	2	Chm 106	Bio-Organic Chemistry I	4
HPE 312	Treatment/Care of Athletic Injuries	1	Bi 230	Hermeneutics	2
	English Literature or Writing Elec.	3	Ps 200	General Psychology	3
	Fine Arts Appreciation Elective ²	2		TOTAL	17
	Sophomore Bible Elective ³	1			
	TOTAL	16			

Third Year

Sc 200	Essential Science	3	Bio 312	Pharmacology	2
Bio 304	Human Anatomy & Physiology II	4	Chm 104	General Chemistry II	4
Chm 116	Bio-Organic Chemistry II	4	Hi 102	History of Civilization	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
HPE 421	Kinesiology	3	Com 410	Oral Communication for the Professions	3
	TOTAL	17		TOTAL	15

Fourth Year

Ma 210	Elementary Statistics	3	Bio 322	Bacteriology & Virology	4
SSE 200	Foundations of Economics	3	HPE 422	Physiology of Exercise	3
Bi 499	Apologetics and Worldview	3	Ps 202	Experimental Psychology	3
Ps 501	Abnormal Psychology	3		Intermediate Physics or General Physics II	5
	Introductory Physics or General Physics I	4		Upper-Level Bible Elective ⁴	2
	TOTAL	16		TOTAL	17

¹ Six hours of mathematics at this level or higher are required. Three hours are required for students who place into Ma 200 Calculus I. Ma 210 Elementary Statistics is also required.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

Department of Chemistry

BRIAN STANLEY VOGT, PhD, Department Head

The Department offers a major and minor in Chemistry. Courses are offered in this department for majors requiring a chemistry emphasis and for students to fulfill the general degree requirements in science. Courses are also available as general electives.

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 Chm 103, Chm 104, Chm 203, Chm 204 and 8 hours of electives with a Chm prefix on the 300–500 level.

Recommended electives: Chm 405, Chm 406 and Chm 408.

Bachelor of Science Degree, Biochemistry and Molecular Biology Major

Students graduating from the biochemistry and molecular biology program will either pursue graduate studies in one or both of these areas or take entry-level positions in biotechnology, pharmaceuticals, forensics, medical research or related industries. This program requires a 65 hour combination of chemistry (32 hours), biology (24 hours) and physics (9 hours).

First Year

Uni 101	Freshman Seminar	1
Bio 100	General Biology I	4
Ma 105	Transcendental Functions	3
Hi 101	History of Civilization	3
Bi 105	Old Testament Messages	1
FA 125	Introduction to the Arts	1
	English Composition	3
	TOTAL	16

Bio 101	General Biology II	4
Ma 200	Calculus I	3
Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3
	English Composition	3
	TOTAL	14

Second Year

Ph 200	Themes in Western Thought	3
Bio 202	Essentials of Cell Biology	4
Chm 103	General Chemistry I	4
Ma 210	Elementary Statistics	3
	English Literature or Writing Elec	3
	Sophomore Bible Elective ²	1
	TOTAL	18

Bio 322	Bacteriology & Virology	4
Chm 104	General Chemistry II	4
Ma 201	Calculus II ¹	3
Hi 102	History of Civilization	3
Bi 230	Hermeneutics	2
	TOTAL	16

Third Year

Bio 300	Evolution and Origins	3
Chm 203	Organic Chemistry I	4
Bi 401	Bible Doctrines	3
Com 410	Oral Communication for the Prof.	3
	Introductory Physics or General Physics I	4
	TOTAL	17

Chm 204	Organic Chemistry II	4
Chm 207	Analytical Chemistry	4
Bi 402	Bible Doctrines	3
	Intermediate Physics or General Physics II	5
	TOTAL	16

Fourth Year

Bio 505	Genetics	4
Chm 403	Research in Chemistry I	2
Chm 405	Biochemistry I	4
Bi 499	Apologetics and Worldview	3
	Fine Arts Appreciation Elective ³	2
	Philosophy or Psychology	3
	TOTAL	18

Bio 506	Cell & Molecular Biology	4
Chm 301	Introduction to Molecular Modeling	2
Chm 404	Research in Chemistry II	1
Chm 406	Biochemistry II	4
SSE 200	Foundations of Economics	3
	Upper-Level Bible Elective ⁴	2
	TOTAL	16

¹ Calculus II is needed if General Physics I and II are taken. General electives are substituted for Calculus II if Introductory Physics and Intermediate Physics are taken. A student in this major is required to take a **TOTAL** of 9 hours of mathematics even if the student places out of one or more of the courses listed.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science Degree, Chemistry Major

The Chemistry major encompasses learning about the fundamental atomic and molecular structure of matter and the processes by which matter is changed. Laboratory and research experiences emphasize the relationship between experimental evidence and reasonable conclusions with the goal of teaching the student how to think scientifically. Students majoring in chemistry are prepared for further training in graduate programs and entry-level positions in the chemical, pharmaceutical and biotechnology industries. This program requires 39 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Ma 150	Intro to Mathematical Reasoning	3
Ma 105	Transcendental Functions	3	Ma 200	Calculus I	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
	English Composition	3		English Composition	3
	TOTAL	13		TOTAL	17

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 201	Calculus II	3	Ma 301	Calculus III	3
	English Literature or Writing Elec	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ¹	1		Fine Arts Appreciation Elective ²	2
	TOTAL	15		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Chm 207	Analytical Chemistry	4
Chm 303	Physical Chemistry I	4	Chm 304	Physical Chemistry II	4
Ma 302	Calculus IV	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	SSE 200	Foundations of Economics	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	TOTAL	16		TOTAL	17

Fourth Year

Sc 200	Essential Science	3	Chm 301	Introduction to Molecular Modeling	2
Chm 403	Research in Chemistry I	2	Chm 404	Research in Chemistry II	1
Chm 409	Inorganic Chemistry	3	Com 410	Oral Communication for the Professions	3
Chm 412	Chemical Spectroscopy	4		Psychology Elective	3
SSS 305	Science: Impact on Society	3		Upper-Level Bible Elective ³	2
Bi 499	Apologetics and Worldview	3		Minor or Electives	5
	TOTAL	18		TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

· One year of biochemistry is strongly recommended.

· Recommended minors: Biology, Mathematics and Physics.

Department of Physics and Engineering

WILLIAM P. LOVEGROVE, PhD, Department Head

The Department offers majors in Engineering, Electronics and Computer Technology and Physics and minors in Electronics and Physics. Courses are offered in this department for students to fulfill the general degree requirements in science. Courses are also available as general electives.

Electronics Minor

The Electronics minor provides some basic skills and understanding of practical electronics at the industrial level for students who are not interested in intermediate or advanced study in the field of electronics.

A minor in Electronics consists of Ele 108, Ele 109, Ele 201, Ele 209, CpS 230 and 3 hours of electives with an Ele prefix.

Note: Computer Science majors need to take an additional 3 hours of Ele electives.

Recommended electives: Ele 202 and Ele 306.

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 and engineering.

A minor in Physics consists of Phy 201, Phy 202, Phy 408, Phy 409 and 3 hours of electives with a Phy prefix above the 100 level.

Bachelor of Science Degree, Electronics and Computer Technology Major

The Electronics and Computer Technology major prepares students for careers in a wide range of industries involving electronics and computers through a study of analog and digital electronics, solid state devices, microprocessors and programming. This program requires 38-44 hours in the major.

(Broadcast Engineering)

First Year

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Uni 101	Freshman Seminar	1	Ele 109	Electronics II	3
Ele 102	Engineering Graphics I	1	Ele 209	Digital Electronics	3
Ele 108	Electronics I	3	Ma 105	Transcendental Functions	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1	RTV 102	Fundamentals of Television	3
Com 101	Fundamentals of Speech	3		English Composition	3
RTV 101	Fundamentals of Radio	3		TOTAL	16
	English Composition	3			
	TOTAL	16			

Second Year

Ele 201	Solid State Applications I	3	Ele 202	Solid State Applications II	3
Ele 203	Power Systems	3	Ma 180	Introduction to Calculus	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
	English Literature or Writing Elec	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ¹	1		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

Third Year

Sc 200	Essential Science	3	Ele 306	Linear Integrated Circuits	3
Ele 312	Communications Circuits	3	SSE 200	Foundations of Economics	3
CpS 230	Computer Systems	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	Fine Arts Appreciation Elective ²	2		RTV Elective	3
	Minor or Electives	2		Minor or Electives	1
	TOTAL	16		TOTAL	16

Fourth Year

Ph 200	Themes in Western Thought	3	Ele 308	Programmable Logic Controllers	3
Ele 401	Radiation & Propagation	3	Ele 311	Data Communication Systems	3
Ele 405	Design Problems	1		Philosophy or Psychology	3
Ele 406	Mechatronics	3		Upper-Level Bible Elective ³	2
Bi 499	Apologetics and Worldview	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business, Computer Science, Information Technology, Radio and Television Broadcasting and Technical Writing.

(Electronics)

First Year

Uni 101	Freshman Seminar	1	Ele 109	Electronics II	3
Ele 102	Engineering Graphics I	1	Ele 209	Digital Electronics	3
Ele 108	Electronics I	3	CpS 109	Introduction to Computer Programming	3
Ma 105	Transcendental Functions	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		English Composition	3
	English Composition	3		Minor or Electives	1
	TOTAL	15		TOTAL	15

Second Year

Sc 200	Essential Science	3	Ele 202	Solid State Applications II	3
Ele 201	Solid State Applications I	3	Hi 102	History of Civilization	3
Ele 203	Power Systems	3	SSE 200	Foundations of Economics	3
Hi 101	History of Civilization	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3	PW 222	Fundamentals of Technical Writing	3
	Sophomore Bible Elective ¹	1		Fine Arts Appreciation Elective ²	2
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Ele 306	Linear Integrated Circuits	3
Ele 307	Engineering Graphics II	3	Ele 404	Microprocessor Interfacing	3
CpS 230	Computer Systems	3	Ma 180	Introduction to Calculus	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	Minor or Electives	4	Com 410	Oral Communication for the Professions	3
	TOTAL	16		Philosophy or Psychology	3
				TOTAL	18

Fourth Year

Ele 405	Design Problems	1	Ele 308	Programmable Logic Controllers	3
Ele 406	Mechatronics	3	Ele 311	Data Communication Systems	3
Bi 499	Apologetics and Worldview	3		Upper-Level Bible Elective ³	2
	Minor or Electives	9		Minor or Electives	8
	TOTAL	16		TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business, Computer Science, Information Technology, Radio and Television Broadcasting and Technical Writing.

Bachelor of Science Degree, Engineering Major

The Engineering major provides preparation for careers in a variety of engineering disciplines. Students may choose a concentration in electrical, mechanical, or computer engineering, or they may select a custom program of electives suited to their career goals. The program requires 49 hours of engineering and 33 hours of math and science. Students are eligible for entry-level jobs in engineering but are also encouraged to consider a master's degree in an engineering specialty. High school physics and four years of high school math are recommended for preparation. Students weak in math and science may require more than 4 years to complete the degree.

First Year

Uni 101	Freshman Seminar	1	Chm 107	Chemistry for Engineers	3
Eng 101	Introduction to Engineering	3	Ele 209	Digital Electronics	3
Ma 105	Transcendental Functions ¹	3	Ma 200	Calculus I	3
Hi 101	History of Civilization	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		English Composition	3
	English Composition	3		TOTAL	14
	TOTAL	17			

Second Year

Ele 205	Basic Circuit Analysis I	3	Ele 206	Basic Circuit Analysis II	3
Phy 201	General Physics I	4	Phy 202	General Physics II	5
Ma 150	Introduction to Mathematical Reasoning ²	3	Ma 301	Calculus III	3
Ma 201	Calculus II	3	Hi 102	History of Civilization	3
	English Literature or Writing Elec.	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ³	1		TOTAL	16
	TOTAL	17			

Third Year

Eng 200	Statics & Strength of Materials	3	Sc 200	Essential Science	3
Ma 302	Calculus IV	3	Eng 310	Materials Engineering	3
SSS 305	Science: Impact on Society	3	SSE 200	Foundations of Economics	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	Engineering Major Elective ⁴	3		CpS 109 or CpS 110	3
	Engineering Major Elective ⁴	3		Engineering Major Elective ⁴	3
	TOTAL	18		TOTAL	18

Fourth Year

Ph 200	Themes in Western Thought	3	Ele 408	Linear Control Systems	3
Ele 407	Linear System Analysis	3	Eng 405	Design Problems	1
Eng 308	Electromagnetics I	3	Com 410	Oral Communication for the Professions	3
Eng 406	Mechatronics	3		Engineering Major Elective ⁴	3
Bi 499	Apologetics and Worldview	3		Engineering Major Elective ⁴	3
	Mathematics Elective	3		Fine Arts Appreciation Elective ⁵	2
	TOTAL	18		Upper-Level Bible Elective ⁶	2
				TOTAL	17

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¹ Students with a math ACT score below 26 may be required to take extra math courses and may need more than four years to finish this degree. A strong high school math and science program is recommended.

² Requirement may be waived by Mathematics Placement Test.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Engineering electives are available for concentrations in electrical, mechanical and computer engineering. In consultation with their advisor, students are allowed to customize a program of electives that may or may not conform to a traditional branch of engineering. Fifteen hours must be taken from the following courses: CpS 111 Computer Science II, CpS 210 Data Structures, CpS 230 Computer Systems, CpS 335 Computer Network Fundamentals, Ele 201 Solid State Applications I, Ele 207 Energy Conversion, Ele 306 Linear Integrated Circuits, Ele 404 Microprocessor Interfacing, Eng 201 Engineering Dynamics, Eng 309 Electromagnetics II and Phy 402 Thermodynamics/Statistical Mechanics.

⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science Degree, Physics Major

The Physics major provides preparation for a career as a physicist or physical scientist, and it lays the foundation for the pursuit of graduate studies in special areas such as astrophysics, medical physics and others. It offers theoretical, laboratory and observational studies of the physical nature of the universe dealing with the behavior of matter, radiation and motion. While offering scientific and philosophical refutation of the theory of evolution, our program teaches each course within a biblical creationist framework. This program requires 40 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Ma 150	Intro to Mathematical Reasoning ¹	3
Phy 110	Physics Survey	1	Ma 200	Calculus I	3
Ma 105	Transcendental Functions	3	Bi 109	New Testament Messages	1
Hi 101	History of Civilization	3	Com 101	Fundamentals of Speech	3
Bi 105	Old Testament Messages	1		English Composition	3
EA 125	Introduction to the Arts	1		TOTAL	17
	English Composition	3			
	TOTAL	17			

Second Year

Phy 201	General Physics I	4	Phy 202	General Physics II	5
Ma 201	Calculus II	3	Ma 300	Elementary Linear Algebra	3
Hi 102	History of Civilization.....	3	Ma 301	Calculus III	3
	As 250 or Ele 205 ²	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec.....	3		As 251 or Ele 206 ³	3
	Sophomore Bible Elective ⁴	1		TOTAL	16
	TOTAL	17			

Third Year

Sc 200	Essential Science.....	3	Phy 357	Theoretical & Applied Mechanics II	3
Phy 356	Theoretical & Applied Mechanics I	3	Phy 403	Optics	3
Phy 402	Thermodynamics/Statistical Mechanics	3	Phy 408	Modern Physics	3
Ma 302	Calculus IV	3	Ma 506	Differential Equations	3
Bi 401	Bible Doctrines.....	3	SSE 200	Foundations of Economics.....	3
	As 303 or Phy 303 ⁵	2	Bi 402	Bible Doctrines	3
	TOTAL	17		TOTAL	18

Fourth Year

Phy 308	Electricity & Magnetism I	3	Ph 200	Themes in Western Thought	3
Phy 409	Introduction to Quantum Mechanics I	3	Phy 309	Electricity & Magnetism II	3
Bi 499	Apologetics and Worldview	3	Phy 410	Introduction to Quantum Mechanics II	3
Com 410	Oral Communication for the Professions.....	3		As 490 or Phy 490 ⁶	1
	Fine Arts Appreciation Elective ⁷	2		Philosophy or Psychology	3
	TOTAL	14		Upper-Level Bible Elective ⁸	2
				TOTAL	15

¹ Requirement may be waived by Mathematics Placement Test.

² Students with an astronomy emphasis must select As 250 Solar System Astronomy, and students with a physics emphasis must select Ele 205 Basic Circuit Analysis I.

³ Students with an astronomy emphasis must select As 251 Stellar & Galactic Astronomy, and students with a physics emphasis must select Ele 206 Basic Circuit Analysis II.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Students with an astronomy emphasis must select As 303 Observational Astronomy, and students with a physics emphasis must select Phy 303 Experimental Physics.

⁶ Students with an astronomy emphasis must select As 490 Research in Astronomy, and students with a physics emphasis must select Phy 490 Research in Physics

⁷ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁸ Two hours must be taken with a Bi prefix on the 300–500 level.

· This major provides a foundation for students desiring advanced work in physics or astronomy.

· Recommended minors: Chemistry and Mathematics.

DIVISION OF MATHEMATICAL SCIENCES

GARY LEE GUTHRIE, PhD, *Chairman*

The Division of Mathematical Sciences of the College of Arts and Science includes the Departments of Mathematics and Computer Science.

Department of Mathematics

DAVID DEAN 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.

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-high school levels.

A minor in Mathematics consists of Ma 105, Ma 200, Ma 201, Ma 301 and 6 hours of electives with an Ma prefix at the 300–500 level.

Recommended electives: Ma 300, Ma 302, Ma 506 and Ma 507.

Bachelor of Science Degree, Actuarial Science Major

The Actuarial Science major is designed to prepare the student with a thorough understanding of mathematics with a special emphasis on areas used in actuarial science. The program is broad enough to allow students to continue with graduate studies in mathematics or actuarial science; however, most students will first seek jobs in industry or government. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Ma 150	Intro to Mathematical Reasoning	3
Ma 105	Transcendental Functions ¹	3	Ma 200	Calculus I	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
	English Composition	3		English Composition	3
	TOTAL	12		TOTAL	16

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Second Year

Ma 201	Calculus II	3	Ma 208	Theory of Interest	3
Ma 210	Elementary Statistics	3	Ma 301	Calculus III	3
Ma 300	Elementary Linear Algebra	3	Bi 230	Hermeneutics	2
Ac 101	Principles of Accounting I	4	Ac 102	Principles of Accounting II	4
	English Literature or Writing Elec.	3	BA 203	Principles of Management	3
	Sophomore Bible Elective ²	1		Computer Programming Elective ³	3
	TOTAL	17		TOTAL	18

Third Year

Ph 200	Themes in Western Thought	3	Ma 381	Actuarial Science II	3
Sc 200	Essential Science	3	SSE 200	Foundations of Economics	3
Ma 302	Calculus IV	3	Bi 402	Bible Doctrines	3
Ma 380	Actuarial Science I	3	Com 410	Oral Communication for the Professions	3
Ma 388	Actuarial Exam I Preparation	1	BA 404	Business Statistics	3
Bi 401	Bible Doctrines	3		Fine Arts Appreciation Elective ⁴	2
	TOTAL	16		TOTAL	17

Fourth Year

Ma 488	Actuarial Exam II Preparation	1	Ma 505	Probability & Statistics II	3
Ma 504	Probability & Statistics I	3		Mathematics Elective	3
SSE 210	Economics for the Professional	3		Philosophy or Psychology	3
Bi 499	Apologetics and Worldview	3		Upper-Level Bible Elective ⁵	2
	Mathematics Elective	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

¹ First mathematics course placement is by Math ACT score or by Mathematics Placement Test.
² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
³ Three hours must be taken from the following courses: CpS 109 Introduction to Computer Programming, CpS 110 Computer Science I and CpS 111 Computer Science II.
⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.
⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business, Computer Science and Organizational Communication.

Bachelor of Science Degree, Mathematics Major

The Mathematics major provides a thorough understanding of mathematical concepts. It teaches the theory and the application of mathematics. Transcending drill and routine, our program develops in-depth comprehension and critical thinking skills applicable to a wide range of career opportunities in industry and business. Students wanting to have a special emphasis on areas used by business or industry in operations research, should work with their advisor in choosing statistics and/or research courses for their mathematics electives. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Ma 150	Intro to Mathematical Reasoning ¹	3
Ma 105	Transcendental Functions ²	3	Ma 200	Calculus I	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
	Computer Programming Elective ³	3		English Composition	3
	English Composition	3		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Second Year

Sc 200	Essential Science	3	Phy 202	General Physics II	5
Phy 201	General Physics I	4	Ma 300	Elementary Linear Algebra	3
Ma 201	Calculus II	3	Ma 301	Calculus III	3
	English Literature or Writing Elec.	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ⁴	1		Fine Arts Appreciation Elective ⁵	2
	Minor or Electives	2		Minor or Electives	1
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Ma 302	Calculus IV	3	Com 410	Oral Communication for the Professions	3
SSE 200	Foundations of Economics	3		Mathematics Elective	3
Bi 401	Bible Doctrines	3		Mathematics Elective	3
	Minor or Electives	4		Philosophy or Psychology	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

Ma 479	Mathematics Seminar	1		Mathematics Elective	3
Bi 499	Apologetics and Worldview	3		Mathematics Elective	3
	Mathematics Elective	3		Upper-Level Bible Elective ⁶	2
	Mathematics Elective	3		Minor or Electives	8
	Minor or Electives	6		TOTAL	16
	TOTAL	16			

¹ Ma 150 can be waived by taking the Math Reasoning Placement Test.
² First mathematics course placement is by Math ACT score or by Mathematics Placement Test.
³ Three hours must be taken from the following courses: CpS 109 Introduction to Computer Programming, CpS 110 Computer Science I and CpS 111 Computer Science II.
⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.
⁶ Two hours must be taken with a Bi prefix on the 300–500 level.
 · Recommended minors: Business, Chemistry, Computer Science and Physics.

Department of Computer Science

EDGAR DANIELS WOOSTER, MS, *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 applications 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, CpS 111, CpS 210, CpS 230 and 6 hours of electives with a CpS prefix.

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.

66 A minor in Information Technology consists of CpS 109, CpS 201, CpS 202, CpS 225, CpS 301 and 3 hours of CpS electives.

Bachelor of Science Degree, Computer Science Major

The Computer Science major prepares a student for the pursuit of graduate studies in computer science or computer engineering. It focuses on the following objectives: a general understanding of computer technology and function; design and use of software; use of the computer for problem solving; and tendencies and limitations of computer technology. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Ele 209	Digital Electronics	3
Ma 105	Transcendental Functions	3	Ma 200	Calculus I	3
CpS 105	Computer Fluency	3	CpS 111	Computer Science II	3
CpS 110	Computer Science I ¹	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		English Composition	3
	English Composition	3		TOTAL	16
	TOTAL	15			

Second Year

Sc 200	Essential Science	3	Ma 150	Intro to Mathematical Reasoning	3
Ma 210	Elementary Statistics	3	CpS 320	Unix Programming	3
CpS 210	Data Structures	3	SSE 200	Foundations of Economics	3
CpS 230	Computer Systems	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3	PW 222	Fundamentals of Technical Writing	3
	Sophomore Bible Elective ²	1		Minor or Electives	2
	TOTAL	16		TOTAL	16

Third Year

Ma 300	Elementary Linear Algebra	3	CpS 360	Introduction to Operating Systems	3
CpS 301	Intro: Database Management Systems	3	CpS 491	Computer Security	3
CpS 310	Microprocessor Architecture	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	Fine Arts Appreciation Elective ³	2		Minor or Electives	1
	TOTAL	17		TOTAL	16

Fourth Year

Ph 200	Themes in Western Thought	3	CpS 450	Language Translation Systems	3
CpS 350	Programming Language Design	3		Psychology Elective	3
CpS 479	Computer Science Seminar	1		Upper-Level Bible Elective ⁴	2
Bi 499	Apologetics and Worldview	3		Minor or Electives	8
	Computer Science Elective	3		TOTAL	16
	Minor or Electives	3			
	TOTAL	16			

¹ First computer science course placement is by Math ACT score or by Mathematics Placement Test.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Electronics, Mathematics and Technical Writing.

Bachelor of Science Degree, Information Technology Major

The Information Technology major prepares students for work in the areas of system analysis, and system, network, and database administration. Graduates could also work in positions as help desk managers or PC support specialists. 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 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Ma 210	Elementary Statistics	3
Ma 103	College Algebra ¹	3	CpS 109	Introduction to Computer Programming	3
CpS 105	Computer Fluency	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
	English Composition	3		English Composition	3
	Minor or Electives	2		TOTAL	16
	TOTAL	14			

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Second Year

Sc 200	Essential Science	3	CpS 202	Information Technology II	3
CpS 110	Computer Science I	3	CpS 335	Computer Network Fundamentals	3
CpS 201	Information Technology I	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3	BA 203	Principles of Management	3
	Fine Arts Appreciation Elective ²	2		Minor or Electives	5
	Sophomore Bible Elective ³	1		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	CpS 225	Business Systems	3
CpS 301	Intro: Database Management Systems	3	CpS 491	Computer Security	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Professions	3	PW 222	Fundamentals of Technical Writing	3
	Minor or Electives	1	BA 330	Supply Chain Management	3
	TOTAL	16		TOTAL	18

Fourth Year

CpS 420	Software Development	3	CpS 467	Information Technology Internship	3
CpS 433	Network Administration	3	Bi 499	Apologetics and Worldview	3
CpS 479	Computer Science Seminar	1	BT 311	Web Applications for Business	3
BT 409	Technology Training Methods	3		Psychology Elective	3
	Upper-Level Bible Elective ⁴	2		Minor or Electives	4
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

¹ First mathematics course placement is by Math ACT score or by Mathematics Placement Test.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Administrative Management, Art, Business and Technical Writing.

DIVISION OF NURSING AND HEALTH SCIENCE

KATHLEEN CRISPIN, EdD, *Chairman*

The Division of Nursing and Health Science offers majors in Nursing and Foods and Nutrition. The four-year baccalaureate degree program in Nursing has received full approval by the South Carolina State Board of Nursing.

BSN Completion Program

The BSN completion program is for nurses who have an active, unencumbered American RN license. The RN student must receive credit for all the required courses of the Bob Jones University BSN program. Credit for the courses is obtained in one of three ways: transferring previous coursework, challenging specified nursing courses or taking required courses. The program will take a minimum of two years. The overall time will vary based on the number of credits transferred and the student's success on the nursing challenge examinations. The RN will be allowed to enter the junior or senior level of nursing courses based on the credits transferred and successfully challenged.

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 Hospital System; Spartanburg Regional Healthcare System; Palmetto Health Baptist—Easley; Shriners Hospital for Children; Bon Secours St. Francis Healthcare System; Bon Secours St. Francis Eastside Hospital; Carolina Center for Behavioral Health; Roger Huntington Nursing Center; and Piedmont Nursing and Rehabilitation Center; as well as the Greenville Health Department and numerous community health agencies.

Foods and Nutrition Minor

The Foods and Nutrition minor provides specialized instruction for students interested in the subject area but not as an academic major. The minor offers core subject matter that is beneficial for promoting quality nutrition services in the home, the community and the workplace.

A minor in Foods and Nutrition consists of Chm 105, FN 150, FN 260 and 8 hours of electives with an FN prefix.

Recommended electives for Food Service concentration: FN 250, FN 350 and FN 455.

Recommended electives for Nutrition concentration: Fn 250, FN 360 and FN 365.

Bachelor of Science Degree, Foods and Nutrition Major

The Foods and Nutrition major is designed for students who are planning a career in nutrition, particularly as a registered dietitian. This major provides core knowledge and foundational skills that prepare the student for further educational and/or graduate studies elsewhere that are required to obtain the Registered Dietitian (RD) credential. The major provides an overview of the field of nutrition and dietetics as it relates to food service management, community nutrition and clinical nutrition. The major includes a strong natural science component, which is vital for future graduate study. This program requires 66 hours in the major. *Note:* This program is not accredited by the Commission on Accreditation for Dietetics Education (CADE). To become an RD, a graduate from this program must enroll in a CADE-accredited undergraduate or graduate dietetics program to complete academic course and supervised practice requirements set forth by the American Dietetic Association.

First Year

Uni 101	Freshman Seminar	1	Bio 303	Human Anatomy & Physiology I	4
Bio 102	Principles of Biology	4	Chm 106	Bio-Organic Chemistry I	4
Chm 105	Foundations of Chemistry	4	FN 150	Food Preparation	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
	English Composition	3		English Composition	3
	TOTAL	16		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Ma 210	Elementary Statistics	3
Bio 304	Human Anatomy & Physiology II	4	FN 250	Food Science	3
FN 260	Nutrition	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	SSE 200	Foundations of Economics	3
	English Literature or Writing Elec.	3	Bi 230	Hermeneutics	2
	Sophomore Bible Elective ¹	1		Fine Arts Appreciation Elective ²	2
	TOTAL	17		TOTAL	16

Third Year

Chm 116	Bio-Organic Chemistry II	4	Bio 308	Microbiology	4
FN 360	Community Nutrition	3	FN 350	Food Service Production	3
FN 365	Nutrient Metabolism	3	FN 451	Medical Nutrition Therapy I	4
Bi 401	Bible Doctrines	3	FCS 312	Meal Management	3
	Philosophy or Psychology	3	Bi 402	Bible Doctrines	3
	TOTAL	16		TOTAL	17

Fourth Year

Sc 200	Essential Science	3	FN 455	Advanced Studies in Food & Culture	3
FN 452	Medical Nutrition Therapy II	4	FCS 408	FCS Instructional Methods	3
FN 467	Professional Development in Nutrition	3		Upper-Level Bible Elective ³	2
Bi 499	Apologetics and Worldview	3		Electives	6
Com 410	Oral Communication for the Professions	3		TOTAL	14
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science in Nursing Degree, Nursing Major

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 55 hours in the major and has three academic years of nursing clinical courses as compared to two in most other RN programs.

One year of chemistry, one year of biology and two years of mathematics are recommended of high school work. Students with weak backgrounds in mathematics and/or science should consider our five-year curriculum plan. Please check with the division chairman.

Formal Acceptance to Nursing Clinical Courses

Formal acceptance as a nursing major will be determined upon the student’s successful completion of the requirements prescribed in the first year of study.

1. Each student must have a score of 18 or above on the math, science and composite scores of the Enhanced ACT.
2. The NLN Pre-Admission Examination-RN (PAX-RN) will be taken in the spring of the first year to determine in part the student’s eligibility.
3. Each student must have an overall 2.50 grade point average to be admitted to the second, third and fourth year requirements in nursing.
4. Each student will have a personal interview with the chairman of the Division of Nursing, at which time the student’s health and ability to learn nursing skills will be evaluated. (The sophomore class will be limited to the number of openings available for the Nursing Clinicals.)

5. A student must earn a grade of C or better in all science courses as well as HPE 101 Basic Nutrition and Sp 105 Communication Skills for Nurses.

Students need to follow the exact sequence of listed curriculum. Any deviations from the curriculum as listed below must first be discussed with and approved by the division chairman.

First Year

Uni 101	Freshman Seminar	1	Bio 303	Human Anatomy & Physiology I	4
Bio 102	Principles of Biology	4	Chm 106	Bio-Organic Chemistry I	4
Chm 105	Foundations of Chemistry	4	FN 101	Basic Nutrition	1
Bi 105	Old Testament Messages	1	Nu 105	Interpersonal Skills for Nurses	2
Com 101	Fundamentals of Speech ¹	3	Bi 109	New Testament Messages	1
	English Composition	3	FA 125	Introduction to the Arts	1
	TOTAL	16		English Composition	3
				TOTAL	16

Second Year

Bio 304	Human Anatomy & Physiology II	4	Ph 200	Themes in Western Thought	3
Nu 200	Nursing Process: Fundamentals	5	Bio 308	Microbiology	4
Nu 203	Nursing Process: Beg Physical Assess	3	Bio 312	Pharmacology	2
Ps 203	Human Growth & Development	3	Nu 204	NP: Beg Med-Surg/Geriatric Nursing	6
	Sophomore Bible Elective ²	1	Bi 230	Hermeneutics	2
	TOTAL	16		TOTAL	17

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Third Year

Sc 200	Essential Science	3	Nu 303	Nursing Research & Statistics	3
Bio 315	Advanced Pharmacology	2	Nu 304	NP: Maternal-Newborn Nursing	4
Nu 300	NP: Medical-Surgical Nursing	5	Nu 305	Nursing Process: Pediatric Nursing	4
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
SSS 202	Introduction to Sociology	3	Bi 402	Bible Doctrines	3
	Upper-Level Bible Elective ³	2		TOTAL	17
	TOTAL	18			

Fourth Year

Nu 091	NCLEX Review	0	Nu 092	NCLEX Review	0
Nu 400	Nursing Process: Psychiatric Nursing	4	Nu 402	Professional Nursing Issues	1
Nu 401	NP: Adv Medical-Surgical Nursing	6	Nu 407	NP: Community Health Nursing	4
Nu 406	Nurse in Christian Service	2	Nu 412	Nursing Practicum	8
Bi 401	Bible Doctrines	3	Bi 499	Apologetics and Worldview	3
	English Literature or Writing Elec	3		TOTAL	16
	TOTAL	18			

¹ Students with a math ACT score below 18 will be required to take Ma 101 Basic College Mathematics I Semester. Com 101 will then be taken II Semester.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

- Students with weak backgrounds in mathematics and/or science should consider our five-year curriculum. Please see your advisor or the division chairman.
- 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.
- Senior students are required to provide their own transportation to clinical experiences both semesters of the senior year.
- 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 in Nu 200.

DIVISION OF SOCIAL SCIENCE

JOHN AUSTIN MATZKO, PhD, *Chairman*

The Division of Social Science of the College of Arts and Science includes the Departments of History and Social Studies.

Department of History

LINDA KAY 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 101, Hi 102, Hi 201, Hi 202 and 6 hours of electives with an Hi prefix.

Bachelor of Arts Degree, History Major

The History major provides the student with a general liberal arts education and establishes a solid foundation for graduate studies in history. The major includes instruction in historical research and writing, culminating in the supervised writing of a senior research paper. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
	English Composition	3	Com 101	Fundamentals of Speech	3
	Foreign Language	3		English Composition	3
	Minor or Electives	5		Foreign Language	3
	TOTAL	16		Minor or Electives	2
				TOTAL	16

Second Year

Sc 200	Essential Science	3	Hi 202	United States History	3
Hi 201	United States History	3	SSE 200	Foundations of Economics	3
	English Literature or Writing Elec	3	Bi 230	Hermeneutics	2
	Foreign Language	3		Fine Arts Appreciation Elective ¹	2
	Sophomore Bible Elective ²	1		Foreign Language	3
	Minor or Electives	3		Science, Math or Comp Sci ³	3
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Hi 506	Historiography ⁴	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	History ⁵	3	Com 410	Oral Communication for the Professions	3
	History ⁵	3		History ⁵	3
	Minor or Electives	4		Philosophy or Psychology	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

Hi 540	Historical Research & Writing	3	Bi 499	Apologetics and Worldview	3
	History ⁵	3		History ⁵	3
	Upper-Level Bible Elective ⁶	2		History ⁵	3
	Minor or Electives	8		Minor or Electives	7
	TOTAL	16		TOTAL	16

¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken in one of these subjects.

⁴ This required course may fulfill one category requirement.

⁵ One course must be chosen from each of four of the five categories listed below:

American: Hi 330 Colonial Era in America, Hi 331 American Frontier, Hi 333 Civil War & Reconstruction, Hi 451 The South, Hi 460 American Social History Since 1865, Hi 504 Recent America, Hi 508 American Constitutional History, Hi 530 Early National Era, Hi 535 African American History, Hi 539 The Gilded Age and Hi 598 American Studies: History Ancient and Medieval: Hi 300 Ancient Near East & Greece, Hi 301 Rome and Hi 310 Middle Ages

Early Modern: Hi 320 Europe in the 17th & 18th Centuries, Hi 407 History of England, Hi 420 Russia, Hi 501 Puritanism, Hi 502 Renaissance, Hi 505 Reformation and Hi 599 European Studies: Early Modern Era

Modern Europe: Hi 322 Recent Europe, Hi 323 French Revolution & Napoleon, Hi 408 History of England and Hi 452 Europe in the 19th Century

Special Area Studies: Hi 412 The British Empire & Imperialism, Hi 432 Asian History, 1400 to the present, Hi 500 Special Topics in History, Hi 506 Historiography, Hi 507 American Legal History, Hi 509 The Middle East, Hi 510 Africa, Hi 513 History of Latin America, Hi 518 History of Religion in America and Hi 550 Special Topics in History

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Composite Speech, Creative Writing, English, French, German, Political Science and Spanish.

Department of Social Studies

RAMONA LEE DUNCKEL, PhD, Department Head

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The Department offers majors in Family and Consumer Sciences, Criminal Justice, International Studies and Political Science and minors in Composite Social Studies, Criminal Justice, Political Science, Family and Consumer Sciences and Social Studies. Courses offered in this department also fulfill general degree requirements in social studies and serve as general electives.

Internships are available to qualified majors and are assigned by the department head.

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 the 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, CJ 107, CJ 201, CJ 202, CJ 310 and CJ 312.

Family and Consumer Sciences Minor

The Family and Consumer Sciences minor provides specialized instruction for students interested in the subject area but not as an academic major. The minor offers core subject matter in each area of Family and Consumer Sciences and electives allow concentration in a particular field of interest.

A minor in Family and Consumer Sciences consists of ATD 130, FCS 104, FCS 105, FN 150 and 6 hours of electives with an ATD, FCS, FN or ID prefix.

Recommended electives: ATD 131, ATD 230, ATD 235, ATD 245, FCS 312, FCS 313, FN 260, ID 109 and ID 301.

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 relationship of church and state, the nature and operation of political parties, and methods of participation in the political process.

A minor in Political Science consists of SSP 207, SSP 208 and 12 hours of electives with an SSP prefix.

Recommended electives: SSP 304, SSP 310, SSP 401 and SSP 430.

Social Studies Minor

The Social Studies minor surveys human relationships in economic, political, geographic and cultural contexts.

A minor in Social Studies consists of 18 hours of electives with an SSE, SSG, SSP and SSS prefix. At least one course must be selected from each of three of the following four categories: economics, geography, political science and sociology.

Recommended electives: SSE 205, SSG 200, SSP 207 and SSS 202.

Bachelor of Arts Degree, International Studies Major

The International Studies major prepares students for careers in international politics, commerce, arts, science and education. Its core of history and social studies is complemented by courses in international business and foreign language. The program requires 36 hours in the major. It also requires a summer practical experience in a cross-cultural setting approved by the student's advisor.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
	English Composition	3		Foreign Language ¹	3
	Foreign Language ¹	3		Minor or Electives	5
	TOTAL	14		TOTAL	16

Second Year

Sc 200	Essential Science	3	SSE 210	Economics for the Professional	3
SSE 200	Foundations of Economics	3	SSP 207	National Government	3
SSG 200	Fundamentals of Geography	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3		Foreign Language ¹	3
	Foreign Language ¹	3		Political Science Elective	3
	Sophomore Bible Elective ²	1		Science, Math or Comp Sci ³	3
	TOTAL	16		TOTAL	17

Third Year

SSG 201	Economic & Political Geography	3	SSP 310	Comparative Politics	3
SSP 303	International Relations	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Com 410	Oral Communication for the Professions	3
	Foreign Language ¹	3		Fine Arts Appreciation Elective ⁴	2
	History Region Elective⁵	3		Foreign Language ¹	3
	Minor or Electives	1		History Region Elective⁵	3
	TOTAL	16		TOTAL	17

Fourth Year

Ph 200	Themes in Western Thought	3	En 381	Modern World Literature	3
SSP 489	International Studies Seminar	1	Bi 499	Apologetics and Worldview	3
SSS 504	Cultural Anthropology	3		History Region Elective⁵	3
Int 315	Protocol/Pract of International Bus.	3		Philosophy	3
	History Region Elective⁵	3		Minor or Electives	4
	Upper-Level Bible Elective ⁶	2		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

¹ Eighteen hours must be taken in a modern language.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken in one of these subjects.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁵ For a focus on the study of the history of the peoples and cultures of our world, 12 hours must be selected from one of the following categories. If the chosen category has fewer than 12 hours, an additional course(s) must be selected from one of the other categories.

Middle East and Africa: Hi 412 The British Empire & Imperialism, Hi 509 The Middle East and Hi 510 Africa

Asia: Hi 412 The British Empire & Imperialism and Hi 432 History of Asia

Europe: Hi 322 Recent Europe, Hi 408 History of England, Hi 420 Russia and Hi 503 Europe in the 19th Century

Latin America: Hi 412 The British Empire & Imperialism and Hi 442 History of Latin America

Western Europe: Hi 322 Recent Europe, Hi 408 History of England and Hi 323 French Revolution and Napoleon.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· It is strongly recommended that majors participate in a university mission team, study tour or practicum during at least one summer following the second year.

Bachelor of Arts Degree, Political Science Major

The Political Science major prepares students for participation in the political process and in the workings of government at all levels. It offers instruction in political theory, the relationship of church and state, the nature and operation of political parties, the organization and functions of government, and the methods of political involvement. Students may receive credit for an internship in which upperclassmen serve in the office of an elected official or a political organization. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	SSP 207	National Government	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
	English Composition	3		English Composition	3
	Minor or Electives	2		Minor or Electives	5
	TOTAL	13		TOTAL	16

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Second Year

SSP 208	State & Local Government	3	SSP 304	Amer Political Parties/Interest Grp.	3
SSP 403	Communication in Politics	3	SSP 310	Comparative Politics	3
SSS 202	Introduction to Sociology	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3	PW 324	Business Writing	3
	Foreign Language	3		Foreign Language	3
	Sophomore Bible Elective ¹	1		Minor or Electives	2
	TOTAL	16		TOTAL	16

Third Year

Sc 200	Essential Science	3	SSP 430	Church-State Relations	3
Ma 210	Elementary Statistics	3	Bi 402	Bible Doctrines	3
SSP 311	Political Theory	3	Com 410	Oral Communication for the Prof.	3
SSP 401	Essentials of Gov & Public Policy	3		Fine Arts Appreciation Elective ²	2
Bi 401	Bible Doctrines	3		Foreign Language	3
	Foreign Language	3		Political Science Elective ³	3
	TOTAL	18		TOTAL	17

Fourth Year

Ph 200	Themes in Western Thought	3	Bi 499	Apologetics and Worldview	3
SSE 200	Foundations of Economics	3		Philosophy or Psychology	3
SSP 303	International Relations	3		Political Science Elective ³	3
SSP 479	Political Science Seminar	1		Political Science Elective ³	3
	Upper-Level Bible Elective ⁴	2		Minor or Electives	4
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Students may substitute SSE 206 for 3 hours of SSP electives.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Broadcast Journalism, Composite Speech, Creative Writing, Print Journalism, Psychology, Public Relations Journalism and Rhetoric and Public Address.

Bachelor of Science Degree, Criminal Justice Major

The Criminal Justice major prepares students for careers within the diverse field of criminal justice by allowing students to tailor the program to correspond with their choice of criminal justice sub-disciplines; i.e., law enforcement, the courts or corrections. The strength of this program is its flexibility in meeting individual needs by helping to achieve diverse professional goals. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	CJ 107	Community Policing	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		English Composition	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

Sc 200	Essential Science	3	CJ 202	Constitutional Law	3
CJ 201	Criminal Law	3	SSE 200	Foundations of Economics	3
SSP 208	State & Local Government	3	SSS 203	Juvenile Delinquency	3
SSS 202	Introduction to Sociology	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3		Criminal Justice Elective ¹	3
	Sophomore Bible Elective ²	1		Science, Math or Comp Sci ³	3
	TOTAL	16		TOTAL	17

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Third Year

Ph 200	Themes in Western Thought	3	CJ 312	Criminology	3
CJ 310	Criminal Justice Ethics	3	Bi 402	Bible Doctrines	3
SSS 204	Social Problems	3	PW 324	Business Writing	3
Bi 401	Bible Doctrines	3		Fine Arts Appreciation Elective ⁴	2
	Criminal Justice Elective ¹	3		Minor or Electives	5
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

Fourth Year

Ps 501	Abnormal Psychology	3	CJ 415	Criminal Justice Internship ⁵	3
	Criminal Justice Elective ¹	3	Bi 499	Apologetics and Worldview	3
	Criminal Justice Elective ¹	3	Com 410	Oral Communication for the Professions	3
	Upper-Level Bible Elective ⁶	2		Criminal Justice Elective ¹	3
	Minor or Electives	5		Minor or Electives	4
	TOTAL	16		TOTAL	16

¹ HPE 311 Emergency Response may substitute as a CJ elective.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken in one of these subjects.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁵ Students may substitute this requirement with a CJ elective.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· Recommended minors: Business, Chemistry, Organizational Communication, Social Studies and Spanish.

Bachelor of Science Degree, Family and Consumer Sciences Major

The Family and Consumer Sciences major prepares students for a wide variety of ministry and career options in the home, community and business. This major provides core knowledge and foundational skills in apparel construction and textiles; child development and family studies; food preparation and nutrition; interior design; and resource management. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	FCS 104	Housing & Furnishings	3
FCS 105	Resource Management	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	ATD 130	Apparel Construction I	3
EA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech	3		Minor or Electives	3
	English Composition	3		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Second Year

Sc 200	Essential Science	3	Sc 103	Biological Science	4
FN 150	Food Preparation	3	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3	EC 221	Child Growth & Development	3
	Physical Science Elective ¹	4		Family & Consumer Sciences Elective²	3
	Sophomore Bible Elective ³	1		Fine Arts Appreciation Elective ⁴	2
	Minor or Electives	2		Minor or Electives	2
	TOTAL	16		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	FCS 312	Meal Management	3
FN 260	Nutrition	3	Bi 402	Bible Doctrines	3
FCS 308	Family Finance and Consumerism	3		Family & Consumer Sciences Elective²	3
Bi 401	Bible Doctrines	3		Minor or Electives	7
ATD 340	Textiles for the Consumer	3		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Fourth Year

SSS 301	American Family	3	SSE 200	Foundations of Economics	3
Bi 499	Apologetics and Worldview	3	FCS 408	FCS Instructional Methods	3
	Family & Consumer Sciences Elective²	3	Com 410	Oral Communication for the Professions	3
	Minor or Electives	7		Philosophy or Psychology	3
	TOTAL	16		Upper-Level Bible Elective ⁵	2
				Minor or Electives	2
				TOTAL	16

¹ Four hours must be taken from the following courses: Chm 105 Foundations of Chemistry and Sc 105 Physical Science.

² Electives may be selected from ATD, FCS, FN, or ID prefixes.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

Recommended minors: Administrative Management, Art, Business, Business Technology, Composite Science, Composite Social Studies, Composite Speech, Counseling, Creative Writing, Dramatic Production, English, History, Music and Psychology.

SCHOOL OF **RELIGION**

Royce B. Short, PhD, Dean



GENERAL INFORMATION

Purpose

The School of Religion exists to provide high-quality training in the knowledge of the Word of God, its practical application and its effective proclamation to the world.

Divisions and Departments

The School of Religion is organized into two divisions:

- I. **Division of Bible**
Department of Ancient Languages
- II. **Division of Practical Studies**
Department of Church Ministries
Department of Missions

DEGREES OFFERED

78 Undergraduate Degrees

The *Associate of Applied Arts* degree with a major in Christian Ministries.

The *Bachelor of Arts* degree with majors in Bible, Camp Ministries, Christian Missions, Pastoral Studies, Women's Ministries and Youth Ministries.

The *Bachelor of Arts in Practical Christian Training* degree with a major in Practical Christian Training.

The *Bachelor of Arts in Practical Christian Training*—Associate Option

The *Bachelor of Science* degree with majors in Missionary Aviation and Missionary Aviation (Flight Option Only).

Graduate Degrees (*Secure Seminary and Graduate School Catalog from the Records Office*)

The *Doctor of Ministry* degree.

The *Doctor of Pastoral Theology* degree.

The *Doctor of Philosophy* degree with a major in Theological Studies.

The *Master of Arts* degree with majors in Bible, Biblical Studies, Church History and Ministry.

The *Master of Divinity* degree.

The *Master of Ministry* degree.

The Specialist in Ministry degree.

Program Emphasis

Well over half (69-81 of 128 hours) of the ministerial 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.

Computer Literacy

All religion majors should be computer literate. Students typically gain computer skills either on their own or through formal training prior to enrolling in college. Students who need remediation can seek assistance through the Academic Success Center.

Ministerial Classes

Each week ministerial students and those interested in the ministry meet together to receive instruction and inspiration from the university president and other experienced men of God. Twice each week the ministerial students meet separately by classification and receive specialized instruction in soul winning, preaching, the music ministry, the youth ministry, missions,

the church educational program, church finances, cults and world religions and the ministry of prayer. All male students in the School of Religion are classified as ministerial students unless a non-ministerial classification request form has been filled out and approved by the Director of Ministerial Training and Extension. To be valid, the completed form must be on file in the Records Office.

Church Internship Program

Rising junior ministerial students are placed under the leadership of experienced, fundamental pastors where they receive practical experience and instruction in all phases of the local church ministry.

Extension Ministries

Throughout the week and on weekends the extension program provides for the development of student leadership and experience in various types of Christian ministries, such as church visitation, jail services, retirement home ministries, youth work and child evangelism.

Summer Extension Program

In the summer ministerial students and women students pursuing a major in the School of Religion continue to receive guidance and practical experience in Christian service through the summer extension courses, Ministry Practicum and Practical Evangelism. These two-hour courses are designed to be taken wherever the student may reside.

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Directed Missionary Training

Prospective missionaries and those interested in the mission field may gain up to three credits for the summer course Field Work. Under the guidance of experienced faculty members and field missionaries, students receive instruction and practical experience in every aspect of missionary work from deputation to the field.

Mission Internship Program

For a summer, Christian Missions and Missionary Aviation (Flight Option Only) majors are placed under the leadership of experienced missionaries where they receive cross-cultural instruction and experience in all phases of mission work.

Church Planting Outreach

Graduates, after completing Methods of Church Planting, may apply for assistance in planting a fundamental church through the Church Planting Outreach program. The program provides for professional guidance and financial support during the church planter's first year in establishing an independent fundamental church.

Missionary Aviation

There are two programs available under this major:

The four-year flight option only program includes flight training for the Private Pilot Certificate as well as advanced training for the Commercial Pilot Certificate with instrument rating and leads to a bachelor of science degree in missionary aviation.

The five-year program includes flight training as well as aviation maintenance training for the FAA Airframe and Powerplant Mechanics Certificate and leads to the associate of applied science degree and the bachelor of science degree in missionary aviation.

Placement Services

The School of Religion extension office assists students and graduates in finding positions for Christian service.

Christian Missions Minor

The Christian Missions 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.

Bob Jones University

A minor in Christian Missions consists of CM 210, CM 250, CM 302, CM 308, CM 310, CM 410, Li 301 and Li 303.

Associate of Applied Arts Degree, Christian Ministries Major

The associate of applied arts degree in Christian Ministries provides preparation for service and leadership for various ministries of the local church or missions work. The program offers classroom instruction and practical experience resulting from direct involvement in a variety of church ministries.

(Men)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching	2
Pr 101	Preparation for Service/Evangelism	2		Bible Elective ¹	2
FA 125	Introduction to the Arts	1		English	3
Com 101	Fundamentals of Speech	3		Electives	7
	English	3		TOTAL	14
	Science, Math or Comp Sci	3			
	TOTAL	14			

80 First Summer

Pr 204	Ministry Practicum ²	2
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Second Year

Bi 230	Hermeneutics	2	Bi 302	Christian Doctrines	3
Bi 301	Christian Doctrines	3	Pr 202	Missions/Ministry of Prayer	2
Pr 201	Music/Youth Ministries	2		Bible Elective ¹	1
CM 210	Survey of Missions	2		Upper-Level Bible Elective ³	2
	Speech Elective Ministerial ⁴	3		Electives	6
	Electives	2		TOTAL	14
	TOTAL	14			

Second Summer

Pr 304	Ministry Practicum ²	2
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Third Year

Pr 301	Ministry & Biblical Theology of Min	2	Pr 302	Current Issues/Stewardship	2
CMn 313	Principles of Leadership	1	CMn 314	Principles of Leadership	1
CM 250	Principles & Methods of Missions	2	CM 341	Practical Missionary Skills	2
CM 340	Practical Missionary Skills	2		Church Ministries Elective	2
	Upper-Level Bible Elective ³	2		Upper-Level Bible Elective ³	2
	Upper-Level Bible Elective ³	2		Upper-Level Bible Elective ³	2
	Electives	4		Electives	4
	TOTAL	15		TOTAL	15

¹ Two hours must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² This course is designed to be taken wherever the student may reside during the summer.

³ Associate degree upper-level Bible course electives include any 300- or 400-level Bible course.

⁴ Three hours must be taken from the following: Com 201 Public Speaking, Com 410 Oral Communication for the Prof, PST 101 Fundamentals of Performance Studies and PST 306 Acting I.

(Women)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1		Bible Elective ¹	1
CMn 208	Personal Evangelism	1		English	3
FA 125	Introduction to the Arts	1		Speech Elective ²	3
Com 101	Fundamentals of Speech	3		Electives	6
	English	3		TOTAL	14
	Maturing Child Elective	2			
	Science, Math or Comp Sci	3			
	TOTAL	15			

First Summer

Pr 203 Practical Evangelism ³ 2

Second Year

Bi 230 Hermeneutics 2
 Bi 301 Christian Doctrines 3
 CM 210 Survey of Missions 2
 Bible Elective ¹ 1
 Church Ministries Elective 2
 Electives 4
 TOTAL **14**

Bi 302 Christian Doctrines 3
 Church Ministries Elective 2
 Upper-Level Bible Elective ⁴ 2
 Upper-Level Bible Elective ⁴ 2
 Electives 5
 TOTAL **14**

Second Summer

Pr 303 Practical Evangelism ³ 2

Third Year

CMn 313 Principles of Leadership 1
 CM 340 Practical Missionary Skills 2
 Upper-Level Bible Elective ⁴ 2
 Upper-Level Bible Elective ⁴ 2
 Electives 8
 TOTAL **15**

CMn 314 Principles of Leadership 1
 CM 341 Practical Missionary Skills 2
 Church Ministries/Missions ⁵ 2
 Church Ministries/Missions ⁵ 2
 Church Ministries/Missions ⁵ 2
 Church Ministries/Missions ⁵ 2
 Upper-Level Bible Elective ⁴ 2
 Electives 1
 TOTAL **14**

¹ Two hours must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three hours must be taken from the following: Com 201 Public Speaking, Com 410 Oral Communication for the Prof, PSt 101 Fundamentals of Performance Studies and PSt 306 Acting I.

³ This course is designed to be taken wherever the student may reside during the summer.

⁴ Associate degree upper-level Bible course electives include any 300- or 400-level Bible course.

⁵ Students are encouraged to take the Christian Missions block.

DIVISION OF BIBLE

DANIEL PERRY OLINGER, PhD, *Chairman*

The Division offers a Bachelor of Arts degree with a major in Bible. It also offers the Bachelor of Arts in Practical Christian Training Degree for students with sophomore standing or above and students who have completed an associate degree offered by Bob Jones University. 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. Courses are also available as general electives.

Greek Minor

The Greek minor provides an understanding of biblical Greek beyond the elementary and intermediate levels. It enhances language skill for comprehension in the classroom and for personal use.

A minor in Greek consists of ALG 101, ALG 102, ALG 201, ALG 202 and 6 hours of electives with an ALG prefix.

Bachelor of Arts Degree, Bible Major

The Bible major prepares students to serve as pastors, evangelists or Christian workers in areas of service in which the interpretation and proclamation of the Word of God represent the major emphasis. While the program builds on a solid academic core, two-thirds of it (over 80 hours) are specifically designed for development of knowledge and skills in Bible, ministerial studies and practice, biblical languages and oral communication. These concentrations include: Bible 39-45 hours; ministerial studies and practice, 22 hours; biblical language studies, 12 hours; and oral communication skills, 12 hours.

(Men)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching	2
Pr 101	Preparation for Service/Evangelism	2	Pst 101	Fundamentals of Performance Studies	3
FA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech	3		Science, Math or Comp Sci	3
	English Composition	3		TOTAL	15
	TOTAL	14			

First Summer

Pr 204	Ministry Practicum ¹	2
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Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
ALG 101	Elementary Greek I	3	ALG 102	Elementary Greek II	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
OT 310	The Pentateuch	2	OT 320	The Historical Books	2
Pr 201	Music/Youth Ministries	2	Pr 202	Missions/Ministry of Prayer	2
	Fine Arts Appreciation Elective ²	2		English Literature or Writing Elec	3
	TOTAL	15		TOTAL	16

Second Summer

Pr 304	Ministry Practicum ¹	2
Pr 399	Church Internship Practicum ³	0
	TOTAL	2

Third Year

Hi 325	History of Christianity ⁴	2	ALG 202	Intermediate Greek II	3
SSE 200	Foundations of Economics	3	NT 455	Old & New Testament Prophecy	2
ALG 201	Intermediate Greek I	3	NT 475	Acts & the Pauline Letters	3
NT 460	The Gospels	2	Hm 302	Homiletics II	3
OT 410	The Poetic Books	2	Pr 302	Current Issues/Stewardship	2
Hm 301	Homiletics I	3	Ps 341	Fundamentals of Counseling	3
Pr 301	Ministry & Biblical Theology of Min	2		TOTAL	16
	TOTAL	17			

Third Summer

Pr 404	Ministry Practicum ¹	2
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Fourth Year

NT 471	The Biblical Minister	2	Ph 402	Ethics	3
Pr 401	Evangelistic Ministries/Cults	2	Bi 499	Apologetics and Worldview	3
CMn 408	Methods of Church Planting	2	NT 480	The General Epistles	2
CMn 450	Church Ministry: Youth	2	OT 420	The Prophets	3
CMn 452	Church Ministry: Discipleship	2	Pr 402	Public Ministry/Ministry Relations	2
CMn 454	Church Ministry: Administration	2	CMn 430	Christian Masterworks	2
CMn 456	Church Ministry: Missions	2		TOTAL	15
CMn 458	Church Ministry: Evangelism	2			
	TOTAL	16			

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ This requirement may be taken during the summer or during a semester of the third year.

- ⁴ The student can substitute Hi 516 Baptist History, offered only through distance learning.
- Bible majors are required to complete 2 years of Greek or 1 year of Greek and 2 years of a modern language.

(Women)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pst 101	Fundamentals of Performance Studies	3
CMn 208	Personal Evangelism	1		English Composition	3
FA 125	Introduction to the Arts	1		Science, Math or Comp Sci	3
Com 101	Fundamentals of Speech	3		TOTAL	13
	English Composition	3			
	TOTAL	13			

First Summer

Pr 203	Practical Evangelism ¹	2
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Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
ALG 101	Elementary Greek I	3	ALG 102	Elementary Greek II	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
OT 310	The Pentateuch	2	OT 320	The Historical Books	2
	English Literature or Writing Elec.	3	Ps 341	Fundamentals of Counseling	3
	Fine Arts Appreciation Elective ²	2		Minor or Electives	2
	TOTAL	16		TOTAL	16

Second Summer

Pr 303	Practical Evangelism ¹	2
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Third Year

SSE 200	Foundations of Economics	3	ALG 202	Intermediate Greek II	3
ALG 201	Intermediate Greek I	3	NT 455	Old & New Testament Prophecy	2
NT 460	The Gospels	2	OT 420	The Prophets	3
OT 410	The Poetic Books	2		PSt or RPA Speech Elective	3
Com 201	Public Speaking	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

Third Summer

Pr 403	Practical Evangelism ¹	2
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Fourth Year

Hi 325	History of Christianity ³	2	Ph 402	Ethics	3
NT 475	Acts & the Pauline Letters	3	Bi 499	Apologetics and Worldview	3
CMn 430	Christian Masterworks	2	NT 480	The General Epistles	2
	CMn or CM Block Elective ⁴	2		Minor or Electives	8
	CMn or CM Block Elective ⁴	2		TOTAL	16
	CMn or CM Block Elective ⁴	2			
	CMn or CM Block Elective ⁴	2			
	Minor or Electives	1			
	TOTAL	16			

¹ This course is designed to be taken wherever the student may reside during the summer.
² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.
³ The student can substitute Hi 516 Baptist History, offered only through distance learning.
⁴ The student can fulfill this requirement with either the Church Ministries Block [I Semester, daily 1-2:50 pm]: CMn 450 Youth, CMn 452 Discipleship, CMn 454 Administration, CMn 456 Christian Missions; or the Christian Missions Block [II Semester, daily 1-2:50 pm]: CM 302 Principles & Methods of Missions, CM 308 Cross-Cultural Discipleship, CM 305 Women in Missions, CM 310 Current Issues in Missions, CM 410 World Religions.

- Bible majors are required to complete 2 years of Greek or 1 year of Greek and 2 years of a modern language.

Bachelor of Arts in Practical Christian Training Degree, Practical Christian Training Major

The Practical Christian Training major provides a ministerial and non-ministerial track for preparation for active service in a wide array of Christian ministries and for a number of job or career opportunities. The entrance requirements for this program are comparable to those of other degrees offered by the University. However this program is not open to freshmen. Admission to this major is by permission of the dean of the School of Religion. The program features a 38 to 39 hour core of Bible, church ministries and Christian missions courses.

(Ministerial)

Second Year

Ph 200	Themes in Western Thought	3	SSE 200	Foundations of Economics	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
OT 310	The Pentateuch	2	OT 410	The Poetic Books	2
OT 320	The Historical Books	2	Pr 202	Missions/Ministry of Prayer	2
Pr 201	Music/Youth Ministries	2		English Literature or Writing Elec	3
	English Literature or Writing Elec	3		Speech Communication Elective	2
	Fine Arts Appreciation Elective ²	2		TOTAL	15
	TOTAL	17			

Second Summer

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Pr 304	Ministry Practicum ¹	2
Pr 399	Church Internship Practicum ³	0
	TOTAL	2

Third Year

NT 460	The Gospels	2	Sc 200	Essential Science	3
OT 420	The Prophets	3	NT 455	Old & New Testament Prophecy	2
Hm 301	Homiletics I	3	Hm 302	Homiletics II	3
Pr 301	Ministry & Biblical Theology of Min	2	Pr 302	Current Issues/Stewardship	2
	Minor or Electives	6		Social Studies	3
	TOTAL	16		Minor or Electives	3
				TOTAL	16

Third Summer

Pr 404	Ministry Practicum ¹	2
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Fourth Year

Bi 499	Apologetics and Worldview	3	Ph 402	Ethics	3
NT 475	Acts & the Pauline Letters	3	Hi 325	History of Christianity ⁴	2
Pr 401	Evangelistic Ministries/Cults	2	NT 480	The General Epistles	2
CMn 408	Methods of Church Planting	2	Pr 402	Public Ministry/Ministry Relations	2
	CMn or CM Block Elective ⁵	2	CMn 430	Christian Masterworks	2
	CMn or CM Block Elective ⁵	2		Minor or Electives	5
	CMn or CM Block Elective ⁵	2		TOTAL	16
	TOTAL	16			

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ This requirement may be taken during the summer or during a semester of the third year.

⁴ The student can substitute Hi 516 Baptist History, offered only through distance learning.

⁵ The student can fulfill this requirement with either the Church Ministries Block [I Semester, daily 1-2:50 pm]: CMn 450 Youth, CMn 452 Discipleship, CMn 454 Administration, CMn 456 Christian Missions, CMn 458 Evangelism; or the Christian Missions Block [II Semester, daily 1-2:50 pm]: CM 302 Principles & Methods of Missions, CM 308 Cross-Cultural Discipleship, CM 310 Current Issues in Missions, CM 410 World Religions.

Students enrolled in this program who wish to pursue graduate work should consult with the dean of the School of Religion about meeting the prerequisites usually required of ministerial students in the other Religion majors.

(Non-Ministerial)

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	Hi 325	History of Christianity ¹	2
CMn 313	Principles of Leadership	1	SSE 200	Foundations of Economics	3
	Church Ministries Elective	2	Bi 340	Pentateuch	2
	English Literature or Writing Elec.	3	CMn 314	Principles of Leadership	1
	Sophomore Bible Elective ²	1		English Literature or Writing Elec.	3
	Speech Communication	2		Fine Arts Appreciation Elective ³	2
	Minor or Electives	2		TOTAL	16
	TOTAL	16			

Third Year

Bi 310	Biblical Church Ministry	2	Bi 360	Prophets	2
Bi 350	Old Testament Poetry	2	NT 516	Biblical Themes	3
NT 460	The Gospels	2		Social Studies	3
NT 515	Biblical Themes	3		Minor or Electives	8
	Minor or Electives	7		TOTAL	16
	TOTAL	16			

Fourth Year

Bi 370	Pauline Letters	2	Ph 402	Ethics	3
Bi 380	General Epistles	2	Bi 430	Foundations For Biblical Lifestyle	2
	Christian Missions Elective	2	Bi 499	Apologetics and Worldview	3
	Church Ministries Elective	2		Minor or Electives	8
	Major Elective ⁴	2		TOTAL	16
	Minor or Electives	6			
	TOTAL	16			

¹ The student can substitute Hi 516 Baptist History, offered only through distance learning.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Two hours must be taken with a Bi, OT, NT, CMn or CM prefix.

Students enrolled in this program who wish to pursue graduate work should consult with the dean of the School of Religion about meeting the prerequisites usually required of ministerial students in the other Religion majors.

Bachelor of Arts in Practical Christian Training—(Associate Option)

The Practical Christian Training (Associate option) major is a specially designed terminal program for holders of a Bob Jones University associate degree. Graduates with an associate degree are able to further their education by completing an additional 38-40 hours of baccalaureate coursework toward the completion of a baccalaureate degree. It requires 6 hours of Bible electives complemented by 24 hours of prescribed liberal arts courses. Admission to this program must be made to the Scholarship Committee.

Aircraft Maintenance majors are strongly recommended to complete the five-year Missionary Aviation program or the four-year Business Management program. Automotive Service, Culinary Arts, Cosmetology and Residential Construction majors are strongly recommended to complete the four-year Business Management program. Students who complete the BAPCT major forfeit the option to complete these four- to five-year bachelor of science degree programs.

Fourth Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 499	Apologetics and Worldview	3	Bi 430	Foundations For Biblical Lifestyle	2
Ps 200	General Psychology	3	Bi 310	Biblical Church Ministry	2
	Church Ministries/Missions ¹	2		Psychology Elective	3
	Church Ministries/Missions ¹	2		English Literature or Writing Elec.	3
	Social Studies	3		Social Studies	3
	Upper-Level Bible Elective ²	2		Upper-Level Bible Elective ²	2
	Upper-Level Bible Elective ²	2		TOTAL	18
	TOTAL	20			

¹ Men students will take Pr 401 and Pr 401 for these hours.

² Bible electives must be chosen from 300–500 level courses.

- A student must earn a cumulative 2.0 grade point average for all of the requirements and must complete a minimum of 24 hours in residence.
- A student with previous baccalaureate work, if approved by the Scholarship Committee would need a minimum of 24 hours in residence (including all of the course requirements) following the completion of an associate degree from Bob Jones University.

Department of Ancient Languages

SAMUEL E SCHNAITER, PhD, Department Head

The Department offers a minor in Greek. Courses are offered in this department for students who must complete the general degree requirement in foreign language. Bible majors are required to complete two years of Greek or one year of Greek and two years of a modern language.

The Greek courses numbered on the 100 and 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.

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DIVISION OF PRACTICAL STUDIES

DOUGLAS VAUGHN SPRUNGER, MS, Chairman

The Division of Practical Studies of the School of Religion includes the Departments of Church Ministries and Missions.

Department of Church Ministries

The Department offers majors in Camp Ministries, Pastoral Studies, Women’s Ministries and Youth Ministries. 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.

Bachelor of Arts Degree, Camp Ministries Major

The Camp Ministries major provides preparation for various camp ministries (adults, youth and children). While the program builds on a solid academic core, over half of the courses (72-84 hours) are specially designed for the development of knowledge and skills in Bible, camp ministries, ministerial studies and practice, and oral communication. These concentrations include: the Camp Ministries major, 45 hours; ministerial studies and practices, 22 hours; and oral communication skills, 12-18 hours.

(Men)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching	2
Pr 101	Preparation for Service/Evangelism	2	CMn 207	Recreational Leadership	2
FA 125	Introduction to the Arts	1	PSt 101	Fundamentals of Performance Studies	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		TOTAL	14
	Science, Math or Comp Sci	3			
	TOTAL	17			

First Summer

Pr 204	Ministry Practicum ¹	2
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Second Year

Bi 230	Hermeneutics	2	SSE 200	Foundations of Economics	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
Pr 201	Music/Youth Ministries	2	Pr 202	Missions/Ministry of Prayer	2
CMn 220	Methods of Mentoring	2	CMn 314	Principles of Leadership	1
CMn 302	Youth Work	2	Ps 341	Fundamentals of Counseling	3
CMn 313	Principles of Leadership	1		English Literature or Writing Elec	3
	Fine Arts Appreciation Elective ²	2		Foreign Language	3
	Foreign Language	3		TOTAL	18
	TOTAL	17			

Second Summer

Pr 304	Ministry Practicum ¹	2
Pr 399	Church Internship Practicum ³	0
	TOTAL	2

Third Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Hm 301	Homiletics I	3	Hm 302	Homiletics II	3
Pr 301	Ministry & Biblical Theology of Min	2	Pr 302	Current Issues/Stewardship	2
CMn 340	Camp Administration	2	CMn 345	Camp Program	2
	Foreign Language	3	Ps 302	Adolescent Psychology	3
	Old Testament Elective	2		Foreign Language	3
	TOTAL	15		OT / NT Elective	2
				TOTAL	18

Third Summer

Pr 404	Ministry Practicum ¹	2
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Fourth Year

Bi 430	Foundations For Biblical Lifestyle	2	Ph 402	Ethics	3
Pr 401	Evangelistic Ministries/Cults	2	Hi 325	History of Christianity ⁴	2
CMn 450	Church Ministry: Youth	2	Bi 499	Apologetics and Worldview	3
CMn 452	Church Ministry: Discipleship	2	Pr 402	Public Ministry/Ministry Relations	2
CMn 454	Church Ministry: Administration	2	CMn 430	Christian Masterworks	2
CMn 456	Church Ministry: Missions	2		TOTAL	12
CMn 458	Church Ministry: Evangelism	2			
	New Testament Elective	2			
	TOTAL	16			

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ This requirement may be taken during the summer or during a semester of the third year.

⁴ The student can substitute Hi 516 Baptist History, offered only through distance learning.

(Women)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	CMn 207	Recreational Leadership	2
CMn 208	Personal Evangelism	1	PSt 101	Fundamentals of Performance Studies	3
FA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech	3		Fine Arts Appreciation Elective ¹	2
	English Composition	3		TOTAL	14
	Science, Math or Comp Sci	3			
	TOTAL	16			

First Summer

Pr 203	Practical Evangelism ²	2
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Second Year

Sc 200	Essential Science.....	3	Ph 200	Themes in Western Thought.....	3
Bi 230	Hermeneutics	2	Bi 310	Biblical Church Ministry	2
CMn 220	Methods of Mentoring	2	Bi 330	The Biblical Role of Women	2
CMn 302	Youth Work	2	CMn 314	Principles of Leadership	1
CMn 313	Principles of Leadership	1	Ps 341	Fundamentals of Counseling.....	3
	English Literature or Writing Elec.....	3		Foreign Language.....	3
	Foreign Language.....	3		TOTAL	14
	TOTAL	16			

Second Summer

Pr 303	Practical Evangelism ²	2
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Third Year

NT 515	Biblical Themes	3	SSE 200	Foundations of Economics.....	3
CMn 320	Women in Christian Service	2	Bi 335	Women in the Bible	2
CMn 340	Camp Administration	2	NT 516	Biblical Themes	3
Ps 302	Adolescent Psychology.....	3	CMn 345	Camp Program	2
	Foreign Language.....	3		Foreign Language.....	3
	Minor or Electives.....	1		Minor or Electives.....	1
	TOTAL	14		TOTAL	16

88 Third Summer

Pr 403	Practical Evangelism ²	2
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Fourth Year

Bi 430	Foundations For Biblical Lifestyle	2	Ph 402	Ethics.....	3
CMn 450	Church Ministry: Youth	2	Hi 325	History of Christianity ³	2
CMn 452	Church Ministry: Discipleship	2	Bi 499	Apologetics and Worldview	3
CMn 456	Church Ministry: Missions	2	CMn 430	Christian Masterworks	2
Ps 511	Counseling Women.....	3		Minor or Electives.....	6
	Major Elective ⁴	2		TOTAL	16
	Minor or Electives.....	3			
	TOTAL	16			

¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² This course is designed to be taken wherever the student may reside during the summer.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

⁴ Two hours with a Bi, OT, NT, CMn or CM prefix must be taken.

Bachelor of Arts Degree, Pastoral Studies Major

As its name implies, the Pastoral Studies major focuses on the development of the knowledge and skills a pastor or assistant pastor needs to shepherd God’s people. While the program builds on a solid academic core, it provides for concentrations of 72-84 hours for the development of knowledge and skills in Bible, pastoral care, ministerial studies and practice, biblical languages and oral communication. These concentrations include: the Pastoral Studies major, 47 hours; ministerial studies and practice, 22 hours; biblical language studies, 12 hours; and oral communication skills, 12 hours.

First Year

Uni 101	Freshman Seminar.....	1	Hi 102	History of Civilization.....	3
Hi 101	History of Civilization.....	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching.....	2
Pr 101	Preparation for Service/Evangelism.....	2	PSt 101	Fundamentals of Performance Studies.....	3
FA 125	Introduction to the Arts.....	1		English Composition.....	3
Com 101	Fundamentals of Speech.....	3		Science, Math or Comp Sci.....	3
	English Composition.....	3		TOTAL	15
	TOTAL	14			

First Summer

Pr 204	Ministry Practicum ¹	2
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Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	NT 516	Biblical Themes	3
NT 515	Biblical Themes	3	Pr 202	Missions/Ministry of Prayer	2
Pr 201	Music/Youth Ministries	2	CMn 314	Principles of Leadership	1
CMn 220	Methods of Mentoring	2		English Literature or Writing Elec	3
CMn 313	Principles of Leadership	1		Fine Arts Appreciation Elective ²	2
	Foreign Language	3		Foreign Language	3
	Old Testament Elective ³	2		TOTAL	17
	TOTAL	18			

Second Summer

Pr 304	Ministry Practicum ¹	2
Pr 399	Church Internship Practicum ⁴	0
	TOTAL	2

Third Year

Hi 325	History of Christianity ⁵	2	SSE 200	Foundations of Economics	3
NT 460	The Gospels	2	NT 455	Old & New Testament Prophecy	2
OT 420	The Prophets	3	Hm 302	Homiletics II	3
Hm 301	Homiletics I	3	Pr 302	Current Issues/Stewardship	2
Pr 301	Ministry & Biblical Theology of Min	2	Ps 341	Fundamentals of Counseling	3
	Foreign Language	3		Foreign Language	3
	TOTAL	15		TOTAL	16

Third Summer

Pr 404	Ministry Practicum ¹	2
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Fourth Year

NT 471	The Biblical Minister	2	Ph 402	Ethics	3
Pr 401	Evangelistic Ministries/Cults	2	Bi 499	Apologetics and Worldview	3
CMn 408	Methods of Church Planting	2	NT 475	Acts & the Pauline Letters	3
CMn 450	Church Ministry: Youth	2	NT 480	The General Epistles	2
CMn 452	Church Ministry: Discipleship	2	Pr 402	Public Ministry/Ministry Relations	2
CMn 454	Church Ministry: Administration	2	CMn 430	Christian Masterworks	2
CMn 456	Church Ministry: Missions	2		Old Testament Elective ³	2
CMn 458	Church Ministry: Evangelism	2		TOTAL	17
	TOTAL	16			

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Four hours must be taken from the following courses: OT 310 The Pentateuch, OT 320 The Historical Books and OT 410 The Poetic Books.

⁴ This requirement may be taken during the summer or during a semester of the third year.

⁵ The student can substitute Hi 516 Baptist History, offered only through distance learning.

• Greek is recommended for the foreign language.

Bachelor of Arts Degree, Women's Ministries Major

The Women's Ministries major provides a broad range of classes to prepare women for effective Christian service in the home, church and society. The program gives the student a strong Bible base with 41 major hours (subject areas include counseling, education, computer efficiency and ministry skills).

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	CMn 205	Early Childhood Education	3
CMn 208	Personal Evangelism	1	PSt 101	Fundamentals of Performance Studies	3
FA 125	Introduction to the Arts	1		English Composition	3
Com 101	Fundamentals of Speech	3		Fine Arts Appreciation Elective ¹	2
	English Composition	3		TOTAL	15
	Science, Math or Comp Sci	3			
	TOTAL	16			

First Summer

Pr 203	Practical Evangelism ²	2
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Second Year

Bi 230	Hermeneutics	2	SSE 200	Foundations of Economics	3
CMn 220	Methods of Mentoring	2	Bi 330	The Biblical Role of Women	2
CMn 313	Principles of Leadership	1	CMn 314	Principles of Leadership	1
Com 205	Classroom Communication	3	CMn 325	Children's Ministry	2
Ps 341	Fundamentals of Counseling	3	Ps 300	Child Psychology	3
	Foreign Language	3		English Literature or Writing Elec	3
	TOTAL	14		Foreign Language	3
				TOTAL	17

Second Summer

Pr 303	Practical Evangelism ²	2
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Third Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
NT 515	Biblical Themes	3	Bi 335	Women in the Bible	2
CMn 350	Ministry & Media	2	NT 516	Biblical Themes	3
Ed 300	Foundations in Instructional Tech.	2		Foreign Language	3
Ps 302	Adolescent Psychology	3		Minor or Electives	1
	Foreign Language	3		TOTAL	12
	TOTAL	16			

Third Summer

Pr 403	Practical Evangelism ²	2
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Fourth Year

Hi 325	History of Christianity ³	2	Ph 402	Ethics	3
Bi 370	Pauline Letters	2	Bi 430	Foundations For Biblical Lifestyle	2
CMn 320	Women in Christian Service	2	Bi 499	Apologetics and Worldview	3
CMn 430	Christian Masterworks	2		Christian Missions Elective⁴	3
Ps 511	Counseling Women	3		Christian Missions Elective⁴	3
	Minor or Electives	5		Minor or Electives	2
	TOTAL	16		TOTAL	16

¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² This course is designed to be taken wherever the student may reside during the summer.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

⁴ The student can fulfill this requirement with the Christian Missions Block [II Semester, daily 1-2:50 pm]: CM 302 Principles and Methods of Missions, CM 305 Women in Missions, CM 308 Cross-Cultural Discipleship, CM 310 Current Issues in Missions, CM 410 World Religions.

Bachelor of Arts Degree, Youth Ministries Major

The Youth Ministries major prepares students for ministry as a youth pastor and/or for various church ministries that focus on ministering to the spiritual needs of young people. The program builds on a solid academic core. For the ministerial student, from half to two thirds of the courses (72-84 hours) are specially designed for the development of knowledge and skills in Bible, youth ministries, ministerial studies and practice, and oral communication. These concentrations include: the Youth Ministries major, 43-44 hours; ministerial studies and practice, 22 hours; and oral communication skills, 12-18 hours.

(Men)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Pr 102	Discipleship/Preaching	2
Pr 101	Preparation for Service/Evangelism	2	Pst 101	Fundamentals of Performance Studies	3
CMn 220	Methods of Mentoring	2		English Composition	3
FA 125	Introduction to the Arts	1		Science, Math or Comp Sci.	3
Com 101	Fundamentals of Speech	3		TOTAL	15
	English Composition	3			
	TOTAL	16			

First Summer

Pr 204	Ministry Practicum ¹	2
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Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
Pr 201	Music/Youth Ministries	2	Pr 202	Missions/Ministry of Prayer	2
CMn 313	Principles of Leadership	1	CMn 314	Principles of Leadership	1
	English Literature or Writing Elec.	3	CMn 350	Ministry & Media	2
	Foreign Language	3	SM 307	Congregational Song Leading	1
	TOTAL	15		Fine Arts Appreciation Elective ²	2
				TOTAL	14

Second Summer

Pr 304	Ministry Practicum ¹	2
Pr 399	Church Internship Practicum ³	0
	TOTAL	2

Third Year

SSE 200	Foundations of Economics	3	NT 460	The Gospels	2
OT 410	The Poetic Books	2	NT 475	Acts & the Pauline Letters	3
Hm 301	Homiletics I	3	Hm 302	Homiletics II	3
Pr 301	Ministry & Biblical Theology of Min	2	Pr 302	Current Issues/Stewardship	2
Ps 341	Fundamentals of Counseling	3	Ps 302	Adolescent Psychology	3
	Foreign Language	3		Foreign Language	3
	TOTAL	16		TOTAL	16

Third Summer

Pr 404	Ministry Practicum ¹	2
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Fourth Year

OT 420	The Prophets	3	Ph 402	Ethics	3
Pr 401	Evangelistic Ministries/Cults	2	Hi 325	History of Christianity ⁴	2
CMn 408	Methods of Church Planting	2	Bi 499	Apologetics and Worldview	3
CMn 450	Church Ministry: Youth	2	NT 471	The Biblical Minister	2
CMn 452	Church Ministry: Discipleship	2	Pr 402	Public Ministry/Ministry Relations	2
CMn 454	Church Ministry: Administration	2	CMn 501	Teaching Bible	2
CMn 456	Church Ministry: Missions	2		TOTAL	14
CMn 458	Church Ministry: Evangelism	2			
	TOTAL	17			

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ This requirement may be taken during the summer or during a semester of the third year.

⁴ The student can substitute Hi 516 Baptist History, offered only through distance learning.

(Women)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	PSt 101	Fundamentals of Performance Studies	3
CMn 208	Personal Evangelism	1		English Composition	3
CMn 220	Methods of Mentoring	2		Science, Math or Comp Sci	3
FA 125	Introduction to the Arts	1		TOTAL	13
Com 101	Fundamentals of Speech	3			
	English Composition	3			
	TOTAL	15			

First Summer

Pr 203	Practical Evangelism ¹	2
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Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	Bi 220	The Life & Ministry of Christ	1
Bi 310	Biblical Church Ministry	2	Bi 330	The Biblical Role of Women	2
CMn 313	Principles of Leadership	1	CMn 207	Recreational Leadership	2
	English Literature or Writing Elec.	3	CMn 314	Principles of Leadership	1
	Fine Arts Appreciation Elective ²	2	CMn 350	Ministry & Media	2
	Foreign Language	3	Ps 341	Fundamentals of Counseling	3
	TOTAL	16		Foreign Language	3
				TOTAL	17

Second Summer

Pr 303	Practical Evangelism ¹	2
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Third Year

Bi 370	Pauline Letters	2	SSE 200	Foundations of Economics	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
Ps 302	Adolescent Psychology	3	CMn 320	Women in Christian Service	2
Ps 511	Counseling Women	3		Foreign Language	3
	Foreign Language	3		Minor or Electives	4
	TOTAL	14		TOTAL	15

Third Summer

Pr 403	Practical Evangelism ¹	2
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Fourth Year

CMn 450	Church Ministry: Youth	2	Ph 402	Ethics	3
CMn 452	Church Ministry: Discipleship	2	Hi 325	History of Christianity ³	2
CMn 456	Church Ministry: Missions	2	Bi 430	Foundations For Biblical Lifestyle	2
	Major Elective ⁴	2	Bi 499	Apologetics and Worldview	3
	Upper-Level Bible Elective ⁵	2	CMn 501	Teaching Bible	2
	Minor or Electives	6		Minor or Electives	4
	TOTAL	16		TOTAL	16

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

⁴ Two hours with a Bi, OT, NT, CMn or CM prefix must be taken.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

Department of Missions

MARK CRAIG VOWELS, MA, Department Head

The Department offers majors in Christian Missions and Missionary Aviation. In Missionary Aviation, the student has the option of a four-year missionary flight instruction program or a five-year aircraft maintenance/flight instruction program that builds upon the associate degree in Aircraft Maintenance offered by the School of Business. The five-year program is recommended for those interested in utilizing and maintaining aircraft in foreign missionary service. Courses are also available as general electives. Neither a major nor a minor is offered in Aviation.

Bachelor of Arts Degree, Christian Missions Major

The Christian Missions major prepares the future missionary to serve in home and foreign missions. The program establishes the doctrinal and experiential principles of effective world evangelism and it provides for guided instruction in the practical application of the principles. While the program builds on a solid academic core, one-half to three-fourths of the course hours (72-99 hours) directly develop knowledge and skills necessary for field service. These concentrations include: the Christian Missions majors, 46 hours; ministerial/Christian service studies and practice, 11-26 hours; language studies, 18-20 hours; and cross-cultural studies, 5 hours.

(Men)

First Year

Uni 101	Freshman Seminar	1	Ph 200	Themes in Western Thought	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
Pr 101	Preparation for Service/Evangelism	2	Pr 102	Discipleship/Preaching	2
FA 125	Introduction to the Arts	1	PSt 101	Fundamentals of Performance Studies	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		TOTAL	15
	Science, Math or Comp Sci	3			
	TOTAL	17			

First Summer

Pr 204	Ministry Practicum ¹	2
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Second Year

SSE 200	Foundations of Economics	3	Sc 200	Essential Science	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
Pr 201	Music/Youth Ministries	2	Pr 202	Missions/Ministry of Prayer	2
CMn 220	Methods of Mentoring	2		English Literature or Writing Elec	3
CM 210	Survey of Missions	2		Fine Arts Appreciation Elective ²	2
	Foreign Language	3		Foreign Language	3
	Old Testament Elective	2		TOTAL	16
	TOTAL	17			

Second Summer

Pr 304	Ministry Practicum ¹	2
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Third Year

Ph 402	Ethics	3	NT 455	Old & New Testament Prophecy	2
NT 460	The Gospels	2	NT 475	Acts & the Pauline Letters	3
Hm 301	Homiletics I	3	Hm 302	Homiletics II	3
Pr 301	Ministry & Biblical Theology of Min	2	Pr 302	Current Issues/Stewardship	2
CM 250	Principles & Methods of Missions	2	CM 341	Practical Missionary Skills	2
CM 340	Practical Missionary Skills	2		Foreign Language	3
	Foreign Language	3		TOTAL	15
	TOTAL	17			

Third Summer

CM 399	Missions Internship	3
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Fourth Year

Li 301	Descriptive Linguistics	3	Li 303	Field Methods in Linguistics	3
Hi 325	History of Christianity ³	2	NT 471	The Biblical Minister	2
SSS 504	Cultural Anthropology	3	Pr 402	Public Ministry/Ministry Relations	2
Bi 499	Apologetics and Worldview	3	CMn 350	Ministry & Media	2
NT 480	The General Epistles	2	CM 302	Principles & Methods of Missions	3
Pr 401	Evangelistic Ministries/Cults	2	CM 308	Cross-Cultural Discipleship	2
CMn 430	Christian Masterworks	2	CM 310	Current Issues in Missions	1
	TOTAL	17	CM 410	World Religions	2
				Total	17

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

Christian Missions majors may substitute one summer extension requirement with CM 372 or CM 373 Field Work through a summer University mission team.

(Women)

First Year

94	Uni 101	Freshman Seminar	1	Ph 200	Themes in Western Thought	3
	Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
	Bi 105	Old Testament Messages	1	Bi 109	New Testament Messages	1
	CMn 208	Personal Evangelism	1	PSt 101	Fundamentals of Performance Studies	3
	FA 125	Introduction to the Arts	1		English Composition	3
	Com 101	Fundamentals of Speech	3		Science, Math or Comp Sci	3
		English Composition	3		TOTAL	16
		TOTAL	13			

First Summer

Pr 203	Practical Evangelism ¹	2
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Second Year

SSE 200	Foundations of Economics	3	Sc 200	Essential Science	3
Bi 220	The Life & Ministry of Christ	1	Bi 310	Biblical Church Ministry	2
Bi 230	Hermeneutics	2	NT 516	Biblical Themes	3
NT 515	Biblical Themes	3	Ps 341	Fundamentals of Counseling	3
CMn 220	Methods of Mentoring	2		English Literature or Writing Elec	3
CM 210	Survey of Missions	2		Foreign Language	3
	Foreign Language	3		TOTAL	17
	TOTAL	16			

Second Summer

Pr 303	Practical Evangelism ¹	2
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Third Year

Bi 330	The Biblical Role of Women	2	Ph 402	Ethics	3
CM 250	Principles & Methods of Missions	2	Bi 370	Pauline Letters	2
CM 340	Practical Missionary Skills	2	CMn 320	Women in Christian Service	2
Ps 511	Counseling Women	3	CM 341	Practical Missionary Skills	2
	Fine Arts Appreciation Elective ²	2		Foreign Language	3
	Foreign Language	3		Minor or Electives	1
	TOTAL	14		TOTAL	13

Third Summer

CM 399	Missions Internship	3
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Fourth Year

Li 301	Descriptive Linguistics	3	Li 303	Field Methods in Linguistics	3
Hi 325	History of Christianity ³	2	CM 302	Principles & Methods of Missions	3
SSS 504	Cultural Anthropology	3	CM 305	Women in Missions	2
Bi 499	Apologetics and Worldview	3	CM 308	Cross-Cultural Discipleship	2
CMn 350	Ministry & Media	2	CM 310	Current Issues in Missions	1
CMn 430	Christian Masterworks	2	CM 410	World Religions	2
	Minor or Electives	1		Minor or Electives	3
	TOTAL	16		TOTAL	16

¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

Christian Missions majors may substitute one summer extension requirement with CM 372 or CM 373 Field Work through a summer University mission team.

Bachelor of Science Degree, Missionary Aviation (Flight Option Only) Major

The Missionary Aviation (Flight Option Only) major is a four-year program that offers preparation for serving as a pilot on the mission field. The flight courses provide ground and flight instruction for the Private Pilot Certificate followed by advanced training leading to the attainment of the instrument rating and the Commercial Pilot Certificate. A core curriculum of academic courses and instructions in Bible and missions complete this degree program. This program requires 39-40 hours in the major and required flight courses complete this program.

The costs for this course of study are listed under Financial Information. The costs for the flight courses are listed in the Courses of Instruction section under the School of Religion. All fees are subject to change if necessary and may vary with the type of aircraft used for the various aspects of the program. The flight fees are based on an allotted number of hours of instruction. If a student requires more than the allotted hours, he will incur additional charges.

Prerequisites for Flight Courses:

1. FAA Second-Class Medical Certificate. (Obtain before enrollment to ensure medical qualifications.)
2. Proof of U.S. citizenship through an original birth certificate, a valid unexpired passport, or an original naturalization/citizenship certificate; and a U.S. drivers license or government-issued identification. Aliens must register with the Transportation Security Administration before flight training may begin.
3. Satisfactory personal interview by flight instructor and advisor.
4. If applicable, aviation challenge examinations may be taken the first eight weeks of enrollment. Students with previous aviation training should consult the section on Challenge Examinations contained in the Academic Information section at the beginning of the catalog.

(Men)

First Year

Uni 101	Freshman Seminar.....	1	Hi 102	History of Civilization.....	3
Hi 101	History of Civilization.....	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	NT 475	Acts & the Pauline Letters	3
Pr 101	Preparation for Service/Evangelism.....	2	Pr 102	Discipleship/Preaching.....	2
FA 125	Introduction to the Arts.....	1	PSt 101	Fundamentals of Performance Studies.....	3
Com 101	Fundamentals of Speech.....	3	Av 102	Basic Ground School.....	2
Av 101	Primary Ground School.....	2	Av 106	Private Pilot.....	1
Av 105	Solo Flight.....	1		English Composition.....	3
	English Composition.....	3		TOTAL	15
	TOTAL	17			

First Summer

Pr 204	Ministry Practicum ¹	2
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Second Year

Bi 230	Hermeneutics	2	Sc 200	Essential Science.....	3
NT 515	Biblical Themes	3	SSE 200	Foundations of Economics.....	3
Pr 201	Music/Youth Ministries.....	2	NT 516	Biblical Themes	3
CM 210	Survey of Missions	2	Pr 202	Missions/Ministry of Prayer.....	2
Av 203	Cross-Country Flight.....	2	Av 204	Advanced Cross-Country Flight.....	2
Av 207	Aviation Meteorology.....	2	Av 208	Aviation Safety & Survival.....	2
	Fine Arts Appreciation Elective ²	2		English Literature or Writing Elec.....	3
	Science, Math or Comp Sci.....	3		TOTAL	18
	TOTAL	18			

Bob Jones University

Second Summer

Pr 304	Ministry Practicum ¹	2
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Third Year

Ph 200	Themes in Western Thought	3	SSG 200	Fundamentals of Geography	3
Bi 499	Apologetics and Worldview	3	OT 420	The Prophets	3
Hm 301	Homiletics I	3	Hm 302	Homiletics II	3
Pr 301	Ministry & Biblical Theology of Min	2	Pr 302	Current Issues/Stewardship.....	2
CMn 220	Methods of Mentoring	2	Av 311	Commercial Ground School	3
Av 301	Instrument Ground School	3	Av 312	Commercial Maneuvers	1
Av 302	Instrument Flight.....	2		Philosophy or Psychology	3
	TOTAL	18		TOTAL	18

Third Summer

CM 399	Missions Internship.....	3
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Fourth Year

Hi 325	History of Christianity ³	2	NT 460	The Gospels	2
SSS 504	Cultural Anthropology	3	Pr 402	Public Ministry/Ministry Relations	2
NT 475	Acts & Pauline Epistles	3	CM 302	Principles & Methods of Missions	3
Pr 401	Evangelistic Ministries/Cults	2	CM 308	Cross-Cultural Discipleship	2
CM 250	Principles & Methods of Missions	2	CM 310	Current Issues in Missions	1
CM 340	Practical Missionary Skills	2	CM 341	Practical Missionary Skills	2
Av 401	Flight Instructor Ground School	2	CM 410	World Religions	2
	TOTAL	16		TOTAL	14

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¹ This course is designed to be taken wherever the student may reside during the summer.

² Two hours must be taken from the following courses: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

· Missionary Aviation (Flight Option Only) majors may substitute CM 372 or CM 373 for one summer of Ministry Practicum/Practical Evangelism.

· A minimum of 18 hours of aviation credit and the attainment of a Commercial Pilot Certificate are required. Students are encouraged to complete training for the Flight Instructor Certificate.

(Women)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	PSt 101	Fundamentals of Performance Studies	3
CMn 208	Personal Evangelism	1	Av 102	Basic Ground School	2
FA 125	Introduction to the Arts	1	Av 106	Private Pilot	1
Com 101	Fundamentals of Speech	3		English Composition	3
Av 101	Primary Ground School	2		Fine Arts Appreciation Elective ¹	2
Av 105	Solo Flight	1		TOTAL	15
	English Composition	3		TOTAL	16

First Summer

Pr 203	Practical Evangelism ²	2
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Second Year

Bi 220	The Life & Ministry of Christ	1	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	SSE 200	Foundations of Economics	3
CMn 220	Methods of Mentoring	2	Bi 370	Pauline Letters	2
CM 210	Survey of Missions	2	Av 204	Advanced Cross-Country Flight	2
Av 203	Cross-Country Flight	2	Av 208	Aviation Safety & Survival	2
Av 207	Aviation Meteorology	2		English Literature or Writing Elec	3
	Science, Math or Comp Sci	3		TOTAL	15
	TOTAL	14			

Second Summer

Pr 303	Practical Evangelism ²	2
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Third Year

Ph 200	Themes in Western Thought	3	SSG 200	Fundamentals of Geography	3
NT 515	Biblical Themes	3	NT 516	Biblical Themes	3
Av 301	Instrument Ground School	3	CMn 320	Women in Christian Service	2
Av 302	Instrument Flight	2	Av 311	Commercial Ground School	3
	Philosophy or Psychology	3	Av 312	Commercial Maneuvers	1
	Electives	1		Electives	4
	TOTAL	15		TOTAL	16

Third Summer

CM 399	Missions Internship	3
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Fourth Year

Hi 325	History of Christianity ³	2	CM 302	Principles & Methods of Missions	3
SSS 504	Cultural Anthropology	3	CM 305	Women in Missions	2
Bi 430	Foundations For Biblical Lifestyle	2	CM 308	Cross-Cultural Discipleship	2
Bi 499	Apologetics and Worldview	3	CM 310	Current Issues in Missions	1
CM 499	Principles & Methods of Missions	2	CM 341	Practical Missionary Skills	2
CM 250	Principles & Methods of Missions	2	CM 410	World Religions	2
CM 340	Practical Missionary Skills	2	Av 402	Flight Instructor: Flight	1
Av 401	Flight Instructor Ground School	2	Av 413	Commercial Preparation	1
	TOTAL	16		TOTAL	14

¹ Two hours must be taken from the following courses: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² This course is designed to be taken wherever the student may reside during the summer.

³ The student can substitute Hi 516 Baptist History, offered only through distance learning.

· Missionary Aviation (Flight Option Only) majors may substitute CM 372 or CM 373 for one summer of Ministry Practicum/Practical Evangelism.

· A minimum of 18 hours of aviation credit and the attainment of a Commercial Pilot Certificate are required. Students are encouraged to complete training for the Flight Instructor Certificate.

Bachelor of Science Degree, Missionary Aviation Major

A five-year program leading to the following degrees:

Associate of Applied Science Degree, Aircraft Maintenance

Bachelor of Science Degree, Missionary Aviation

The Missionary Aviation major (a five-year program) builds on the associate degree program in Aircraft Maintenance administered by the School of Business. The addition of four semesters of baccalaureate-level courses provides solid preparation for a missionary who can fly and maintain his aircraft. The program leads to a Commercial Pilot Certificate with Instrument Rating and a Mechanic Certificate with ratings for Airframe and Powerplant. This program requires 33 hours in the major and required courses in Aircraft Maintenance and flight instruction complete this program. Students in other majors may use aviation courses as general electives but cannot declare any aviation program as a minor. A minimum of 18 hours in aviation and the attainment of the instrument rating are required. Aviation mechanic internship courses are available to second- and third-year students to gain additional practical experience working on university flight school aircraft. Fourth- and fifth-year students may take maintenance proficiency courses for advanced practical experience and to maintain FAA currency requirements.

The completion of the Associate of Applied Science degree in Aircraft Maintenance offered by the School of Business is prerequisite for matriculation in a Bachelor of Science degree in Missionary Aviation.

Students completing the Associate of Applied Science degree in Aircraft Maintenance are subject to the approval of the Scholarship Committee if continuing toward the completion of the Bachelor of Science degree in Missionary Aviation. A student with previous baccalaureate work would need a minimum of 24 hours in residence (including all course requirements) following the completion of an associate degree from Bob Jones University to complete the Bachelor of Science degree in Missionary Aviation.

The costs for this course of study are listed under Financial Information. The costs for the flight courses are listed in the Courses of Instruction section under the School of Religion. All fees are subject to change if necessary and may vary with the type of aircraft used for the various aspects of the program. The flight fees are based on an allotted number of hours of instruction. If a student requires more than the allotted hours, he will incur additional charges.

Prerequisites for Flight Courses

1. FAA Second-Class Medical Certificate. (Obtain before enrollment to ensure medical qualifications.)
2. Proof of U.S. citizenship through an original birth certificate, a valid unexpired passport or an original naturalization/citizenship certificate; and a U.S. driver's license or government-issued identification. Aliens must register with the Transportation Security Administration before flight training may begin.
3. Satisfactory personal interview by flight instructor and advisor.
4. If applicable, aviation challenge examinations may be taken the first eight weeks of enrollment. Students with previous aviation training should consult the section on Challenge Examinations contained in the Academic Information section at the beginning of the catalog.

98 First Year

Uni 101	Freshman Seminar	1
Ma 102	Intermediate College Mathematics ¹	3
Bi 105	Old Testament Messages	1
FA 125	Introduction to the Arts	1
TAM 102	Aircraft Drawings	1
TAM 103	Weight & Balance	1
TAM 106	Ground Operation & Servicing	1
TAM 107	Cleaning & Corrosion Control	0
TAM 108	Maintenance Forms & Records	0
TAM 109	Maintenance Publications	1
TAM 110	Mech Privileges/Limitations Plus Rev.	1
	English	3
	TOTAL	14

Sc 200	Essential Science	3
Bi 109	New Testament Messages	1
TAM 101	Basic Electricity	3
TAM 104	Fluid Lines & Fittings	1
TAM 105	Materials & Processes	2
TAM 115	Applied Physics	3
	English	3
	TOTAL	16

First Summer

TAM 301	Reciprocating Engines	5
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TAM 303	Turbine Engines	4
TAM 304	Engine and Inspection	1
	TOTAL	5

Second Year

Bi 301	Christian Doctrines	3
Com 101	Fundamentals of Speech	3
TAM 308	Lubricating Systems	1
TAM 309	Ignition Systems	2
TAM 310	Fuel Metering Systems	2
TAM 311	Engine Fuel Systems	1
TAM 313	Engine Cooling Systems	1
TAM 317	Auxiliary Power Units	0
Av 101	Primary Ground School	2
Av 105	Solo Flight	1
	Sophomore Bible Elective²	1
	TOTAL	17

Bi 302	Christian Doctrines	3
TAM 305	Engine Instrument Systems	1
TAM 306	Engine Fire Protection Systems	0
TAM 307	Engine Electrical Systems	2
TAM 312	Induction System	1
TAM 314	Engine Exhaust Systems	0
TAM 315	Propellers	2
TAM 316	Unducted Fans	0
Av 102	Basic Ground School	2
Av 106	Private Pilot	1
	Speech Elective	2
	TOTAL	14

Second Summer

TAM 202	Sheet Metal Structures.....	3	TAM 201	Aircraft Wood Struct/Cover/Finish.....	4
TAM 204	Assembly & Rigging.....	2	TAM 208	Cabin Atmosphere Control Systems.....	1
	TOTAL.....	5		TOTAL.....	5

Third Year

Bi 230	Hermeneutics	2	CMn 314	Principles of Leadership	1
CMn 208	Personal Evangelism	1	Com 410	Oral Communication for the Professions.....	3
CMn 313	Principles of Leadership	1	Ps 200	General Psychology.....	3
TAM 203	Welding.....	1	TAM 205	Airframe Inspection.....	1
TAM 209	Aircraft Instrument Systems.....	0	TAM 206	Aircraft Landing Gear Systems.....	2
TAM 211	Aircraft Fuel Systems.....	1	TAM 207	Hydraulic & Pneumatic Power Systems.....	3
TAM 212	Aircraft Electrical Systems.....	3	TAM 210	Communication & Navigation Systems.....	1
TAM 214	Ice- & Rain-Control Systems.....	1	TAM 213	Position & Warning Systems.....	0
TAM 215	Fire Protection Systems.....	1	Av 204	Advanced Cross-Country Flight.....	2
Av 203	Cross-Country Flight ³	2		Upper-Level Bible Elective⁴	2
Av 207	Aviation Meteorology.....	2		TOTAL.....	18
	Church Ministries/Missions	2			
	TOTAL.....	17			

Third Summer

Pr 204	Ministry Practicum ⁵	2
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Fourth Year

Pr 201	Music/Youth Ministries.....	2	Hi 325	History of Christianity ⁶	2
Av 301	Instrument Ground School.....	3	Pr 202	Missions/Ministry of Prayer.....	2
Av 302	Instrument Flight.....	2	Av 208	Aviation Safety & Survival.....	2
	Christian Missions Elective	2	Av 311	Commercial Ground School.....	3
	English Literature or Writing Elec.....	3	Av 312	Commercial Maneuvers.....	1
	Upper-Level Bible Elective⁴	2		Upper-Level Bible Elective⁴	2
	TOTAL.....	14		TOTAL.....	12

Fourth Summer

Pr 304	Ministry Practicum ⁵	2
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Fifth Year

Ph 200	Themes in Western Thought.....	3	Hi 102	History of Civilization.....	3
Hi 101	History of Civilization.....	3	SSG 200	Fundamentals of Geography.....	3
SSS 504	Cultural Anthropology.....	3	Bi 499	Apologetics and Worldview	3
Hm 301	Homiletics I.....	3	Hm 302	Homiletics II.....	3
Pr 401	Evangelistic Ministries/Cults.....	2	Pr 402	Public Ministry/Ministry Relations.....	2
Av 413	Commercial Preparation.....	1		Fine Arts Appreciation Elective ⁷	2
	Upper-Level Bible Elective⁴	2		Upper-Level Bible Elective⁴	2
	TOTAL.....	17		TOTAL.....	18

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ These aviation courses can be taken in the summer between the third and fourth year.

⁴ Ten hours must be taken with a Bi prefix on the 300–500 level.

⁵ This course is designed to be taken wherever the student may reside during the summer.

⁶ The student can substitute Hi 516 Baptist History, offered only through distance learning.

⁷ Two hours must be taken from the following courses: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

· Missionary Aviation majors may substitute CM 372 or CM 373 for one summer of Ministry Practicum/Practical Evangelism.

SCHOOL OF
**FINE ARTS AND
COMMUNICATION**

Darren P. Lawson, PhD, Dean



GENERAL INFORMATION

Purpose

The School of Fine Arts and Communication has a twofold purpose: training students at a professional level for careers in the arts and communication and in Christian ministries related to the arts and communication, and providing a broad range of cultural experiences for the University student body in general in line with the charter of the institution and the original intentions of the Founder.

Divisions and Departments

The School of Fine Arts and Communication is organized into four divisions:

I. Division of Art and Design

Department of Design

Department of Studio Art

II. 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

III. Division of Communication

Department of Communication Studies

Department of Journalism and Mass Communication

Department of Cinema

Department of Dramatic Arts

IV. Division of Graduate Studies

Department of Art and Design

Department of Music

Department of Communication Studies

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DEGREES OFFERED

Undergraduate Degrees

The *Bachelor of Arts* degree with majors in Communication, Dramatic Production, Journalism and Mass Communication and Performance Studies.

The *Bachelor of Fine Arts* degree with majors in Graphic Design, Interior Design and Studio Art.

The *Bachelor of Music* degree with majors in Church Music, Orchestral Instrument Performance, Organ Performance, Piano Pedagogy, Piano Performance, String Pedagogy and Voice Performance.

The *Bachelor of Science* degree with majors in Apparel, Textiles and Design; Cinema Production; and Communication Disorders.

Graduate Degrees

The *Master of Arts* degree with majors in Art, Communication, Dramatic Production, Graphic Design, Performance Studies and Studio Art.

The *Master of Music* degree with majors in Church Music, Orchestral Instrument Performance, Organ Performance, Piano Pedagogy, Piano Performance and Voice Performance.

The *Master of Music Education* degree.

DIVISION OF ART AND DESIGN

JAY MORGAN BOPP, MA, *Chairman*

The Division offers majors in Studio Art with a two- or three-dimensional concentration, Apparel, Textiles and Design, Graphic Design, and Interior Design and a minor in Art. 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 majors at local businesses and are assigned by the directing teacher.

Department of Design

JONATHAN BRITTON ANDREWS, MA, *Department Head*

Interior Design Minor

The Interior Design minor provides practical hands-on training in interior design as an overview. While not adequately preparing the student for certification in the field of interior design, the minor offers a solid core of professional design training on which a student may later build.

A minor in Interior Design consists of ID 108, ID 109, ID 270 and 9 hours of electives with an ID prefix.

Bachelor of Fine Arts Degree, Graphic Design Major

The Graphic Design major provides preparation for a career in visual communication. A core of drawing and design courses sharpens perceptive skills and lays a solid technical foundation for advanced work. It offers classroom instruction and lab and studio experience; course projects parallel professional practice; and it features an internship in a local business or industry. The program requires presentation of a senior portfolio. This program requires 64 hours in the major (17 hours of foundational courses, 39 courses of graphic design and 8 hours of studio art).

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	GrD 208	Calligraphy for Designers	2
FA 125	Introduction to the Arts	1	Ar 122	Drawing/Structural Representation II	2
GrD 240	Design Technology I	2	Com 101	Fundamentals of Speech	3
Ar 121	Drawing/Structural Representation I	2		English Composition	3
Ar 130	Foundations I	2		Science, Math or Comp Sci	3
	English Composition	3		TOTAL	17
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
GrD 206	Typography I	2	GrD 210	Web Design I	3
GrD 304	Design Technology II	3	Ar 202	Foundations III	2
Ar 201	Foundations II	2	Pho 100	Photography Fundamentals	3
	English Literature or Writing Elec	3		Sophomore Bible Elective ¹	1
	Electives	1		Studio Art Elective ²	2
	TOTAL	16		TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
GrD 321	Graphic Design I	2	GrD 322	Graphic Design II	2
GrD 418	Web Design II	2	GrD 323	Typography II	2
Ar 310	History of Art	3	Ar 311	History of Art	3
Ar 405	Printmaking:Lithography & Serigraphy	2	Pho 200	Digital Photography	3
Com 410	Oral Communication for the Professions	3	Mkt 205	Principles of Marketing	3
	Electives	1		TOTAL	16
	TOTAL	16			

Fourth Year

GrD 324	Graphic Design Production	2	Bi 499	Apologetics and Worldview	3
GrD 530	History of Graphic Design	3	GrD 410	Portfolio	2
Ar 231	Book Arts	2	GrD 415	Graphic Design Internship	6
Ar 331	Illustration I	2		Philosophy or Psychology	3
	Business Elec—Graphic Design Major ³	3		Studio Art Elective ²	2
	Upper-Level Bible Elective ⁴	2		TOTAL	16
	Electives	1			
	TOTAL	15			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Four hours must be taken from studio art courses with an Ar prefix.

³ Three hours must be taken from the following courses: BA 220 Home-Based Business Strategies, Mkt 406 Entrepreneurship, Mkt 411 Marketing Strategy and Mkt 412 Salesmanship.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

• 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.

• Formal acceptance as a Graphic Design major will be determined by a faculty committee’s evaluation of the student’s classroom portfolio near the end of his sophomore year.

104 Bachelor of Fine Arts Degree, Interior Design Major

The Interior Design major provides a combination of 60 hours of interior design and art courses, the required number of hours in order for a graduate to sit for the National Council of Interior Design Qualification examination. Additional interior design electives are also possible. The program complements classroom instruction with extensive laboratory activities and practical field work as an intern during the senior year. This program requires at least 36 hours of interior design courses and at least 24 hours of art courses.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	ID 109	History of Interior Design	3
FA 125	Introduction to the Arts	1	Ar 130	Foundations I	2
ID 108	Introduction to Interior Design	3	Com 101	Fundamentals of Speech	3
Ar 121	Drawing/Structural Representation I	2		English Composition	3
	English Composition	3		Electives	1
	Electives	2		TOTAL	16
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	Bi 230	Hermeneutics	2
ID 270	Basic Residential Drafting	3	ID 260	Building Systems and Codes	3
Ar 201	Foundations II	2	ID 280	Materials/Components Interior Design	3
BA 220	Home-Based Business Strategies	3	Ar 202	Foundations III	2
	English Literature or Writing Elec	3		Art Elective	2
	Sophomore Bible Elective ¹	1		Philosophy or Psychology	3
	Electives	1		Electives	1
	TOTAL	16		TOTAL	16

Third Year

Sc 200	Essential Science	3	CpS 207	Intro to CAD and Design	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
ID 301	Sewing for Interior Design I	3	ID 310	Residential Interior Design I	3
Com 410	Oral Communication for the Professions	3		Art Elective	4
	Art Elective	4		Electives	3
	TOTAL	16		TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3	SSE 200	Foundations of Economics	3
ID 320	Commercial Interior Design I	3	ID 330	Commercial Interior Design II	3
ID 410	Interior Lighting for the Designer	3	ID 400	Interior Design Prof Practice	3
ID 420	Interior Design Internship ²	3		Art Elective	2
	Art Elective	4		Upper-Level Bible Elective ³	2
	TOTAL	16		Electives	3
				TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Students may substitute this requirement with an ID elective.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

· Suggested Interior Design electives: ID 302 Sewing for Interior Design II, ID 340 Residential Interior Design II and ID 440 Interior Design Independent Study.

· 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.

Bachelor of Science Degree, Apparel, Textiles and Design Major

The Apparel, Textiles and Design major is a broad based program providing preparation for entry into the fashion industry, creative sewing and design careers, and graduate school. Core courses include garment design and construction, textiles, costume history and fashion merchandising. Senior Internship is available in an ATD professional workplace. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	ATD 131	Apparel Construction II	3
FA 125	Introduction to the Arts	1	Ar 130	Foundations I	2
ATD 130	Drawing/Structural Representation I	3	Com 101	Fundamentals of Speech	3
Ar 121	Drawing/Structural Representation I	2		English Composition	3
	English Composition	3		Minor or Electives	1
	Minor or Electives	2		TOTAL	16
	TOTAL	16			

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Second Year

Sc 200	Essential Science	3	Sc 105	Physical Science	4
ATD 240	History of Apparel	3	Bi 230	Hermeneutics	2
ATD 340	Textiles for the Consumer	3	ATD 230	Needle Arts	3
Ar 201	Foundations II	2	ATD 235	Flat Pattern Design	3
	English Literature or Writing Elec.	3	Ar 202	Foundations III	2
	Sophomore Bible Elective ¹	1		Minor or Electives	2
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	ATD 245	Fashion Merchandising	3
ATD 345	Computer Patternmaking	3	ATD 330	Advanced Construction	3
ID 301	Sewing for Interior Design I	3	Ar 232	Fiber Arts	2
	Minor or Electives	4	BA 220	Home-Based Business Strategies	3
	TOTAL	16		Minor or Electives	2
				TOTAL	16

Fourth Year

SSE 200	Foundations of Economics	3	Com 410	Oral Communication for the Professions	3
Bi 499	Apologetics and Worldview	3		Philosophy or Psychology	3
ATD 445	Advanced Pattern Design	3		Upper-Level Bible Elective ²	2
	ATD Major Elective ³	3		Minor or Electives	8
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken with a Bi prefix on the 300–500 level.

³ Three hours must be taken from the following ATD electives: ATD 430 ATD Internship, ATD 499 Directed Study, ID 108 Introduction to Interior Design and ID 302 Sewing for Interior Design II.

Department of Studio Art

MICHAEL JAMES SLATTERY, MA, *Department Head*

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 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, Ar 122 or 125, Ar 130 or 135, Ar 220 or 231, Ar 201, Ar 202 and 6 hours of electives with an Ar prefix.

Recommended electives: Ar 203, Ar 204, Ar 206, Ar 220, Ar 221, Ar 231, Ar 232, Ar 240, Ar 303, Ar 521 and Ar 522.

Bachelor of Fine Arts Degree, Studio Art Major

The Studio Art major provides preparation for a career in fine arts or illustration. A core of drawing and design courses sharpens perceptive skills and lays a solid technical foundation for advanced work. The program offers study concentrations in two-dimensional art which includes drawing, painting and printmaking or three-dimensional art which includes sculpture, fiber arts and ceramics. It features a required senior exhibition. Classroom instructions are complemented by extensive lab and studio experience. This program requires 56 hours in the two-dimensional concentration and 60 hours in the three-dimensional concentration.

(Two-Dimensional Concentration)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Ar 122	Drawing/Structural Representation II	2
FA 125	Introduction to the Arts	1	Ar 207	Three-Dimensional Foundations	2
Ar 121	Drawing/Structural Representation I	2		English Composition	3
Ar 130	Foundations I	2		Natural Science Elective ¹	3
Com 101	Fundamentals of Speech	3		Electives	1
	English Composition	3		TOTAL	15
	TOTAL	16			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Ar 125	Human Anatomy	2	Ar 202	Foundations III	2
Ar 201	Foundations II	2	Ar 406	Printmaking: Intaglio & Relief	2
Ar 204	Basic Painting	2	Ar 420	Watercolor I	2
	English Literature or Writing Elec.	3		Sophomore Bible Elective ²	1
	Electives	2		Electives	2
	TOTAL	16		TOTAL	15

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ar 301	Advanced Drawing I	1	Ar 311	History of Art	3
Ar 310	History of Art	3	Ar 316	Advanced Painting II	2
Ar 315	Advanced Painting I	2	Ar 401	Directed Studies I	2
Ar 405	Printmaking: Lithography & Serigraphy	2	Ar 407	Advanced Printmaking	2
Com 410	Oral Communication for the Professions	3	Ar 421	Watercolor II	2
	Philosophy or Psychology	3		Business Elective—Studio Art Major ³	3
	TOTAL	17		TOTAL	17

Fourth Year

Ar 302	Advanced Drawing II	1	Bi 499	Apologetics and Worldview	3
Ar 317	Advanced Painting III	2	Ar 332	Illustration II	2
Ar 331	Illustration I	2	Ar 403	Directed Studies III	2
Ar 402	Directed Studies II	2	Ar 426	Studio Internship	3
	Upper-Level Bible Elective ⁴	2		Art Education Elective⁵	3
	Electives	7		Electives	3
	TOTAL	16		TOTAL	16

¹ Three hours of electives must be taken with an Sc prefix.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken from the following courses: BA 220 Home-Based Business Strategies and Mkt 205 Principles of Marketing.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

⁵ Three hours must be taken from the following courses: EE 202 Teaching Art and SE 303 Teaching School Art.

· 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.

· Formal acceptance as a Studio Art major will be determined by a faculty committee's evaluation of the student's classroom portfolio near the end of his sophomore year.

(Three-Dimensional Concentration)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	Ar 207	Three-Dimensional Foundations	2
FA 125	Introduction to the Arts	1	Ar 220	Ceramics I	2
Ar 121	Drawing/Structural Representation I	2		English Composition	3
Ar 130	Foundations I	2		Natural Science Elective ¹	3
Com 101	Fundamentals of Speech	3		Electives	1
	English Composition	3		TOTAL	15
	TOTAL	16			

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Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Ar 125	Human Anatomy	2	Ar 202	Foundations III	2
Ar 201	Foundations II	2	Ar 204	Basic Painting	2
Ar 221	Ceramics II	2	Ar 232	Fiber Arts	2
	English Literature or Writing Elec	3		Sophomore Bible Elective ²	1
	Electives	2		Electives	3
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ar 231	Book Arts	2	Ar 233	Advanced Fiber Arts	2
Ar 310	History of Art	3	Ar 311	History of Art	3
Ar 330	Ceramics III	2	Ar 342	Sculpture II	2
Ar 341	Sculpture I	2	Ar 401	Directed Studies I	2
	Philosophy or Psychology	3	Ar 431	Beginning Metals	2
	Electives	1		Business Elective—Studio Art Major ³	3
	TOTAL	16		TOTAL	17

Fourth Year

Ar 343	Sculpture III	2	Bi 499	Apologetics and Worldview	3
Ar 402	Directed Studies II	2	Ar 403	Directed Studies III	2
Ar 405	Printmaking:Lithography & Serigraphy	2	Ar 406	Printmaking: Intaglio & Relief	2
Ar 430	Foundry Arts	2	Ar 426	Studio Internship	3
Com 410	Oral Communication for the Professions	3		Art Education Elective ⁴	3
	Upper-Level Bible Elective ⁵	2		Studio Art Elective ⁶	2
	Electives	3		Electives	1
	TOTAL	16		TOTAL	16

¹ Three hours of electives must be taken with an Sc prefix.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken from the following courses: BA 220 Home-Based Business Strategies and Mkt 205 Principles of Marketing.

⁴ Three hours must be taken from the following courses: EE 202 Teaching Art and SE 303 Teaching School Art.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

⁶ Two hours must be taken from studio art courses with an Ar prefix.

· 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.

· Formal acceptance as a Studio Art major will be determined by a faculty committee's evaluation of the student's classroom portfolio near the end of his sophomore year.

DIVISION OF MUSIC

P. EDWARD DUNBAR, DMA, *Chairman*

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. Applied music lessons in the various departments are offered at no additional cost above regular tuition to students who desire to improve their musical skills in various areas. Courses are also available as general electives.

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 elect 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.

108 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 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.

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 private-lesson level (Vo 311, Pi 311); in organ and instruments the performance audition will determine eligibility. Music minors must hold 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, MT 105, MT 106, MT 301, 4 hours of private instruction in one principal performance area (311 or above, excluding hymn improvisation) and 3 hours of electives in music or music education (not performance).

Recommended electives: Mu 303, Mu 304, Mu 305, MT 205, MT 206, MT 302, MT 501, MT 502, SM 100, SM 301, SM 302, SM 503, Vo 503 and Vo 504.

Department of Music History and Literature

KAREN SUE WILSON, PhD, *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 and Technology

DANIEL ERNEST FORREST, DMA, 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 ROWEL COLEMAN, MA, Department Head

The Department offers a major in Church Music. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Practicums are required at local churches and are assigned by the department head.

Bachelor of Music Degree, Church Music Major

The Church Music major provides preparation for service in the musical program within a church's overall ministry such as music director, accompanist, youth and children's choir director, and for men, addresses primarily the requirements for a music pastorate. It establishes a strong foundation in music with a core curriculum of music theory, music history and literature, and instruction in voice, piano, organ or one of the standard orchestral instruments. Subsequent instruction focuses on hymnology, church music administration and congregational song leading. Courses in church administration and ministerial training (for men) complement the standard Bible requirements. The program features a platform test, two public recitals and a music practicum in a local church. This program prescribes a minimum of 59 hours in the major.

Orchestral Instrument principals include: bassoon, cello, clarinet, double bass, euphonium, flute, French horn, harp, oboe, percussion, saxophone, trombone, trumpet, tuba, viola or violin.

First Year

Uni 101	Freshman Seminar	1	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 ¹	1
Com 101	Fundamentals of Speech	3		English Composition	3
	Applied Secondary ¹	1		Freshman Principal	1
	English Composition	3		Electives	1
	Freshman Principal	1		TOTAL	16
	TOTAL	17			

Second Year

Sc 200	Essential Science	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 230	Hermeneutics	2
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 ¹	1
	Applied Secondary ¹	1		English Literature or Writing Elec	3
	Sophomore Bible Elective ²	1		Sophomore Principal	1
	Sophomore Principal	1		TOTAL	16
	TOTAL	16			

Third Year

Bi 401	Bible Doctrines	3	Bi 402	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	1
SM 503	Hymnology	3		Applied Secondary ¹	1
	Applied Secondary ¹	1		Foreign Language	3
	Foreign Language	3		Junior Principal	1
	Junior Principal	1		Electives	2
	TOTAL	16		TOTAL	15

Fourth Year

Ph 200	Themes in Western Thought	3	Mu 507	The Christian Musician	1
Bi 499	Apologetics and Worldview	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		Church Ministries Elective	2
Com 410	Oral Communication for the Professions	3		Philosophy or Psychology	3
	Music Elective	1		Preacher & His Ministry ³	2
	Preacher & His Ministry ³	2		Science, Math or Comp Sci	3
	Senior Principal	1		Senior Principal	1
	TOTAL	16		Upper-Level Bible Elective ⁴	2
				TOTAL	16

¹ **Voice** principals must elect piano until the secondary piano examination is passed. Students who pass the exam prior to the sixth semester may continue with piano or take Hymn Improvisation to fulfill these hours.

Orchestral Instrument principals must elect piano until the secondary piano examination is passed. Students who pass the exam prior to the fourth semester may continue with piano or take Hymn Improvisation. Two hours of voice are also required.

Piano principals must take two hours of Hymn Improvisation, two hours of organ and two hours of voice.

Organ principals must take two hours of piano, two hours of Hymn Improvisation and two hours of voice.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

110 ³ Women must replace with four hours of courses with CMn prefix.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

· A student is not considered approved for a Church Music major until the end of his/her sophomore year in which he/she must pass a platform test in his/her applied principal.

· Electives—Organ principals must take Or 510 Service Playing and Or 502 Organ Pedagogy. For those considering seminary, an additional semester of Greek is recommended.

Department of Vocal Studies

JEAN REESE 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. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Bachelor of Music Degree, Voice Performance Major

The Voice Performance major provides preparation for graduate study, a ministry in church music or a career as a private studio instructor. It offers breadth and specialization in music combined with a solid liberal arts core. It requires piano proficiency, a platform test and two public recitals. Voice Performance majors must participate in a university choral group or opera every semester. This program prescribes 66 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	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		English Composition	3
	English Composition	3		Freshman Voice	2
	Freshman Voice	1		Secondary Piano	1
	Secondary Piano	1		TOTAL	16
	TOTAL	15			

Second Year

Hi 101	History of Civilization	3	Bi 230	Hermeneutics	2
SSE 200	Foundations of Economics	3	MTc 201	Introduction to Music Technology	1
MT 205	Theory III	4	MT 206	Theory IV	4
	French ¹	3	MT 301	Elements of Conducting	1
	Secondary Piano	1		English Literature or Writing Elec	3
	Sophomore Bible Elective ²	1		German ¹	3
	Sophomore Voice	2		Secondary Piano	1
	TOTAL	17		Sophomore Voice	2
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Ph 200	Themes in Western Thought	3
Mu 303	History of Music I	2	Sc 200	Essential Science	3
MT 501	Eighteenth Century Counterpoint	2	Bi 402	Bible Doctrines	3
Vo 503	Drama in Singing I	2	Mu 304	History of Music II	2
	Junior Voice	2	Vo 506	Diction for Singers	3
	Music Elective	1		Junior Voice	2
	Science, Math or Comp Sci.	3		TOTAL	16
	TOTAL	15			

Fourth Year

Bi 499	Apologetics and Worldview	3	Mu 507	The Christian Musician	1
Mu 305	History of Music III	3	MT 509	Form and Analysis	2
Mu 501	Voice Literature Survey	3	Vo 502	Voice Pedagogy II	2
Vo 501	Voice Pedagogy I	2		Philosophy or Psychology	3
Com 410	Oral Communication for the Professions	3		Senior Voice	3
	Senior Voice	3		Upper-Level Bible Elective ³	2
	TOTAL	17		Electives	2
				TOTAL	15

¹ One semester of each French and German must be taken. For those considering graduate work, an additional semester of foreign language is recommended.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

- No previous training in voice is required for entrance to voice study; however, natural gifts of voice and musicianship are essential.
- A student is not considered approved for a Voice Performance major until he/she passes a platform test at the end of his/her sophomore year.
- Voice Performance majors 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 hours with music electives.
- Voice Performance majors must participate in a university choral group or opera every semester.

Department of Keyboard Studies

DAVID CURTIS LEHMAN, MM, *Department Head*

The Department offers majors in Piano Performance, Piano Pedagogy and Organ 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. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Bachelor of Music Degree, Organ Performance Major

The Organ Performance major provides preparation for graduate study, a ministry in church music or a career as a private studio instructor. It offers breadth and specialization in music combined with a solid liberal arts core. The program requires ensemble, band or orchestra participation and features junior and senior recitals. This program prescribes 63 hours in the major.

First Year

Uni 101	Freshman Seminar	1	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		English Composition	3
Com 101	Fundamentals of Speech	3		Freshman Organ	2
	English Composition	3		Secondary Piano	1
	Freshman Organ	1		Electives	1
	Secondary Piano	1		TOTAL	14
	TOTAL	15			

Second Year

Hi 101	History of Civilization.....	3	Sc 200	Essential Science.....	3
SSE 200	Foundations of Economics.....	3	Hi 102	History of Civilization.....	3
MT 205	Theory III	4	Bi 230	Hermeneutics.....	2
	English Literature or Writing Elec.....	3	MTc 201	Introduction to Music Technology	1
	Sophomore Bible Elective ¹	1	MT 206	Theory IV	4
	Sophomore Organ	3	MT 301	Elements of Conducting	1
	TOTAL	17		Sophomore Organ	3
				TOTAL	16

Third Year

Bi 401	Bible Doctrines.....	3	Ph 200	Themes in Western Thought.....	3
Mu 303	History of Music I	2	Bi 402	Bible Doctrines.....	3
Com 410	Oral Communication for the Professions.....	3	Mu 304	History of Music II	2
	Foreign Language.....	3	Or 501	Service Playing	2
	Junior Organ	3		Foreign Language.....	3
	Science, Math or Comp Sci.....	3		Junior Organ	3
	TOTAL	17		TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview.....	3	Mu 507	The Christian Musician	1
Mu 305	History of Music III	3	MT 509	Form and Analysis	2
Mu 503	Organ Literature Survey	3	Or 502	Organ Pedagogy	2
MT 501	Eighteenth Century Counterpoint	2		Music Elective	1
	Philosophy or Psychology.....	3		Senior Organ	3
	Senior Organ	3		Upper-Level Bible Elective ²	2
	TOTAL	17		Electives.....	4
				TOTAL	15

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken with a Bi prefix on the 300–500 level.

- Students who wish to major in Organ Performance must demonstrate upon entrance a satisfactory preparatory training in piano, sight-reading ability and an innate musical ability.
- A student is not considered approved for an Organ Performance major until he/she passes a platform test at the end of his/her sophomore year.
- Organ Performance majors must elect piano until the piano technique test is passed. Students who pass this test prior to the fourth semester must replace these hours with music electives.

Bachelor of Music Degree, Piano Pedagogy Major

The Piano Pedagogy major provides preparation for a career in private studio teaching or teaching in a Christian school. It offers internship instruction and experience for class and private piano teaching at the beginning, intermediate and advanced levels. It requires ensemble and accompanying experience as well as junior and senior recitals. This program prescribes 59 hours in the major.

First Year

Uni 101	Freshman Seminar.....	1	Hi 102	History of Civilization.....	3
Hi 101	History of Civilization.....	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		English Composition.....	3
Com 101	Fundamentals of Speech.....	3		Freshman Piano	1
	English Composition.....	3		TOTAL	14
	Freshman Piano	1			
	TOTAL	17			

Second Year

SSE 200	Foundations of Economics	3	Bi 230	Hermeneutics	2
MTc 201	Introduction to Music Technology	1	MT 206	Theory IV	4
MT 205	Theory III	4	PPd 202	Graded Piano Literature II	2
PPd 201	Graded Piano Literature I	2		English Literature or Writing Elec	3
Ps 201	Educational Psychology	3		Science, Math or Comp Sci	3
	Sophomore Bible Elective ¹	1		Sophomore Piano	1
	Sophomore Piano	1		Electives	1
	Electives	1		TOTAL	16
	TOTAL	16			

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	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 509	Form and Analysis	2
PPd 301	Intern Instruction I	1	PPd 302	Intern Instruction II	1
PPd 501	Piano Pedagogy	3	PPd 502	Piano Pedagogy	2
	Foreign Language	3		Foreign Language	3
	Junior Piano	1		Junior Piano	1
	TOTAL	18		Electives	1
				TOTAL	16

Fourth Year

Sc 200	Essential Science	3	Mu 502	Piano Literature Survey	3
Bi 499	Apologetics and Worldview	3	Mu 507	The Christian Musician	1
Mu 305	History of Music III	3	PPd 402	Intern Instruction IV	2
PPd 401	Intern Instruction III	2		Senior Piano	1
Com 410	Oral Communication for the Professions	3		Upper-Level Bible Elective ²	2
	Music Elective	1		Electives	6
	Senior Piano	1		TOTAL	15
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken with a Bi prefix on the 300–500 level.

• A student is not considered approved for a Piano Pedagogy major until he/she passes a platform test at the end of his/her sophomore year.

Bachelor of Music Degree, Piano Performance Major

The Piano Performance major provides preparation for graduate study, a ministry in church music or a career as a private studio instructor. It offers breadth and specialization in music combined with a solid liberal arts core. The program requires ensemble, band or orchestra participation and features junior and senior recitals. This program prescribes 63 hours in the major.

First Year

Uni 101	Freshman Seminar	1	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		English Composition	3
	English Composition	3		Freshman Piano	2
	Freshman Piano	2		TOTAL	15
	Electives	1			
	TOTAL	16			

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
MT 205	Theory III	4	Bi 230	Hermeneutics	2
	English Literature or Writing Elec	3	MTc 201	Introduction to Music Technology	1
	Sophomore Bible Elective ¹	1	MT 206	Theory IV	4
	Sophomore Piano	3	MT 301	Elements of Conducting	1
	TOTAL	17		Sophomore Piano	3
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	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 509	Form and Analysis	2
	Foreign Language	3		Foreign Language	3
	Junior Piano	3		Junior Piano	3
	Science, Math or Comp Sci.	3		Electives	2
	TOTAL	17		TOTAL	15

Fourth Year

Bi 499	Apologetics and Worldview	3	Mu 502	Piano Literature Survey	3
Mu 305	History of Music III	3	Mu 507	The Christian Musician	1
PPd 501	Piano Pedagogy	3	MT 501	Eighteenth Century Counterpoint	2
	Music Elective	1	PPd 502	Piano Pedagogy	2
	Philosophy or Psychology	3		Senior Piano	3
	Senior Piano	3		Upper-Level Bible Elective ²	2
	TOTAL	16		Electives	2
				TOTAL	15

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken with a Bi prefix on the 300–500 level.

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- Piano Performance majors must demonstrate upon entrance thorough preparatory training and innate musical abilities.
- A student is not considered approved for a Piano Performance major until he/she passes a platform test at the end of his/her sophomore year.

Department of Instrumental Studies

BRUCE BRADFORD COX, DMA, Department Head

The Department offers majors in Orchestral Instrument Performance and String 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. Applied music lessons in this department are offered at no additional cost above regular tuition to students who desire to improve their musical skills. Courses are also available as general electives.

Bachelor of Music Degree, Orchestral Instrument Performance Major

The Orchestral Instrument Performance major provides preparation for graduate study, a ministry in church music or a career as a private studio instructor or symphony musician. It offers breadth and specialization in music combined with a solid liberal arts core. Degree programs are available in one of the following standard orchestral instruments: bassoon, cello, clarinet, double bass, euphonium, flute, French horn, harp, oboe, percussion, saxophone, trombone, trumpet, tuba, viola or violin. The program requires small ensemble, band or orchestra participation and features junior and senior recitals. This program prescribes 65 hours in the major.

First Year

Uni 101	Freshman Seminar	1	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		English Composition	3
	English Composition	3		Freshman Instrument	2
	Freshman Instrument	1		Secondary Piano	1
	Secondary Piano	1		TOTAL	16
	TOTAL	15			

Second Year

Sc 200	Essential Science	3	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 230	Hermeneutics	2
MT 205	Theory III	4	MTc 201	Introduction to Music Technology	1
	English Literature or Writing Elec	3	MT 206	Theory IV	4
	Secondary Piano	1	MT 301	Elements of Conducting	1
	Sophomore Bible Elective ¹	1		Science, Math or Comp Sci.	3
	Sophomore Instrument	2		Secondary Piano	1
	TOTAL	17		Sophomore Instrument	2
				TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	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	3
	Foreign Language	3		Instrument Pedagogy ²	2
	Instrument Pedagogy ²	2		Junior Instrument	3
	Junior Instrument	3		Music Elective	1
	Secondary Instrument ³	1		Secondary Instrument ³	1
	TOTAL	17		TOTAL	15

Fourth Year

Ph 200	Themes in Western Thought	3	Mu 507	The Christian Musician	1
Bi 499	Apologetics and Worldview	3	MT 509	Form and Analysis	2
Mu 305	History of Music III	3		Philosophy or Psychology	3
MT 501	Eighteenth Century Counterpoint	2		Senior Instrument	3
	Performance Literature Survey	3		Upper-Level Bible Elective ⁴	2
	Senior Instrument	3		Electives	3
	TOTAL	17		TOTAL	14

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² String performance majors must take four hours from the following courses: SPd 203-206 and SPd 501-502. Brass Instrument and Harp majors will substitute music electives the second semester of Instrument Pedagogy.

³ Two hours must be private instrumental lessons in the orchestral instrument family of the student's instrument of performance. Harp majors must replace hours with music elective.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

- String Instrument majors must take Orchestral Repertoire for four semesters.
- Orchestral Instrument Performance majors 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 hours with music electives.
- Students who wish to major in Orchestral Instrument Performance must demonstrate upon entrance thorough preparation training and innate musical ability.
- A student is not considered approved for an Orchestral Instrument Performance major until he/she passes a platform test at the end of his/her sophomore year.

Bachelor of Music Degree, String Pedagogy Major

The String Pedagogy major provides preparation for a career in private studio teaching or teaching in a Christian school. It offers internship instruction and experience for class and private string teaching at the beginning, intermediate and advanced levels. The major also offers the opportunity for the students to work with established orchestras on the precollege level. It requires ensemble experience as well as junior and senior recitals. This program prescribes 62 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	MT 106	Theory II	4
FA 125	Introduction to the Arts	1	Com 101	Fundamentals of Speech	3
Mu 101	Introduction to Music Literature	2		English Composition	3
MT 105	Theory I	4		Freshman Instrument	1
	English Composition	3		Secondary Piano ¹	1
	Freshman Instrument	1		TOTAL	16
	Secondary Piano ¹	1			
	TOTAL	17			

Second Year

SSE 200	Foundations of Economics	3	Bi 230	Hermeneutics	2
MTc 201	Introduction to Music Technology	1	MT 206	Theory IV	4
MT 205	Theory III	4	Ps 201	Educational Psychology	3
	Beginning String Pedagogy ²	2		Intermediate String Pedagogy ²	2
	English Literature or Writing Elec.	3		Science, Math or Comp Sci.	3
	Secondary Piano ¹	1		Secondary Piano ¹	1
	Sophomore Bible Elective ³	1		Sophomore Instrument	1
	Sophomore Instrument	1		TOTAL	16
	TOTAL	16			

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
MT 301	Elements of Conducting	1	MT 509	Form and Analysis	2
MT 501	Eighteenth Century Counterpoint	2	SPd 302	Intern Instruction II	1
SPd 301	Intern Instruction I	1	SPd 502	String Pedagogy II	2
SPd 501	String Pedagogy I	2		Foreign Language	3
	Foreign Language	3		Junior Instrument	1
	Junior Instrument	1		Electives	1
	Electives	1		TOTAL	15
	TOTAL	16			

Fourth Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Bi 499	Apologetics and Worldview	3	Mu 504	String Literature Survey	3
Mu 305	History of Music III	3	Mu 507	The Christian Musician	1
SPd 401	Intern Instruction III	1	MT 303	Instrumental Conducting	2
Com 410	Oral Communication for the Professions	3	SPd 402	Intern Instruction IV	1
	Music Elective	1		Senior Instrument	1
	Senior Instrument	1		Upper-Level Bible Elective ⁴	2
	Electives	1		Electives	3
	TOTAL	16		TOTAL	16

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- ¹ String Pedagogy majors 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 hours with music electives.
 - ² Violin and viola principals must take SPd 203 and 205. Cello and bass principals must take SPd 204 and 206.
 - ³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
 - ⁴ Two hours must be taken with a Bi prefix on the 300–500 level.
- Formal acceptance as a String Pedagogy major will be determined upon the student’s successful completion of a platform test at the end of the sophomore year.

DIVISION OF COMMUNICATION

LONNIE RAY POLSON, EdD, *Chairman*

The Division of Communication of the School of Fine Arts and Communication includes the Departments of Cinema, Communication Studies, Dramatic 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.

Speech Clinic

The Division of Communication operates a clinic for students who have special difficulty in speech that cannot be corrected by means of ordinary classroom procedure. Diagnosis of the problems is made, and remedial work is carried on with the individual students in private consultation and in small training groups. These training groups are listed in 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 300, Ed 301, Ps 201, Ps 302, Com 205, Com 322 and Com 407. This teaching emphasis does not lead to teaching certification or licensure, but does prepare the student to teach speech-related subjects in the Christian school or other pedagogical venues.

Department of Communication Studies

CHARLOTTE GIBBS BURKE, PhD, *Department Head*

The Department offers majors in Communication and Communication Disorders and minors in Communication and Communication Disorders. Courses are available as general electives.

Internships are available to qualified majors and are assigned by the department head.

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 and 15 hours of Com electives.

Recommended electives: Com 302, Com 303, Com 417 and Com 510. Communication minors are not eligible for Com 401.

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, CD, 207, CD 208, CD 302, CD 303 and CD 401.

Bachelor of Arts Degree, Communication Major

The Communication major focuses on general communication processes and dynamics. It requires courses in communication principles, theories and research methodologies. Required communication courses in the major combine theoretical instruction with practical opportunities. A senior internship is available to qualified students. The Communication major prepares the student to pursue graduate work in communication or related fields, or for a career in a profit or non-profit organization. The student will declare a concentration in one of these areas: organizational communication, interpersonal communication, or rhetoric and public address. This program requires 36 hours in the major.

(Interpersonal Concentration)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
Com 101	Fundamentals of Speech	3		Science, Math or Comp Sci.	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Com 302	Interpersonal Communication	3	Com 201	Public Speaking	3
	English Literature or Writing Elec	3	Com 203	Research Methods in Communication	3
	Foreign Language	3		Foreign Language	3
	Minor or Electives	2		Sophomore Bible Elective ¹	1
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	Business/Critical/Expository Writing ²	3	Com 304	Theories of Communication	3
	Foreign Language	3		Communication Studies Elective	3
	Interpersonal Communication Elective ³	3		Fine Arts Appreciation Elective ⁴	2
	Minor or Electives	4		Foreign Language	3
	TOTAL	16		Interpersonal Communication Elective ³	3
				TOTAL	17

Fourth Year

Communication Studies Elective	3	Bi 499	Apologetics and Worldview	3
Interpersonal Communication Elective ³	3	Com 401	Communication Internship	3
Philosophy or Psychology	3		Communication Studies Elective	3
Upper-Level Bible Elective ⁵	2		Communication Studies Elective	3
Minor or Electives	5		Minor or Electives	4
TOTAL	16		TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three hours must be taken from the following: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.

³ Nine hours must be taken from the following courses: Com 506 Interviewing, Com 507 Conflict Management, Com 520 Intercultural Communication and Com 521 Nonverbal Communication.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

· A student is not considered approved for a Communication Studies major until a faculty committee has reviewed his progress in that major at the end of the sophomore year.

· Recommended minors: Administrative Management, Business, Business Technology, Journalism and Mass Communication, and Professional Writing.

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(Organizational Concentration)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
Com 101	Fundamentals of Speech	3		Science, Math or Comp Sci	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Com 303	Organizational Communication	3	Com 201	Public Speaking	3
	English Literature or Writing Elec	3	Com 203	Research Methods in Communication	3
	Foreign Language	3		Foreign Language	3
	Minor or Electives	2		Sophomore Bible Elective ¹	1
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
	Business/Critical/Expository Writing ²	3	Com 304	Theories of Communication	3
	Foreign Language	3		Communication Studies Elective	3
	Org Conctratn–Communication Elec ³	3		Fine Arts Appreciation Elective ⁴	2
	Minor or Electives	4		Foreign Language	3
	TOTAL	16		Org Conctratn–Communication Elec ³	3
				TOTAL	17

Fourth Year

Com 505	Communication Training & Development	3	Bi 499	Apologetics and Worldview	3
	Communication Studies Elective	3	Com 401	Communication Internship	3
	Philosophy or Psychology	3		Communication Studies Elective	3
	Upper-Level Bible Elective ⁵	2		Communication Studies Elective	3
	Minor or Electives	5		Minor or Electives	4
	TOTAL	16		TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three hours must be taken from the following: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.

³ Six hours must be taken from the following courses: Com 417 Small Group Communication, Com 510 Persuasion and Com 508 Communication Technology.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

• A student is not considered approved for a Communication Studies major until a faculty committee has reviewed his progress in that major at the end of the sophomore year.

• Recommended minors: Administrative Management, Business, Business Technology, Journalism and Mass Communication, and Professional Writing.

(Rhetoric & Public Address Concentration)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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		English Composition	3
Com 101	Fundamentals of Speech	3		Science, Math or Comp Sci	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Com 201	Public Speaking	3	Com 203	Research Methods in Communication	3
Pst 203	Voice and Articulation	3	Com 305	Introduction to Rhetorical Theory	3
	English Literature or Writing Elec	3		Foreign Language	3
	Foreign Language	3		Sophomore Bible Elective ¹	1
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 407	Debate	3	Com 304	Theories of Communication	3
	Business/Critical/Expository Writing ²	3	Com 510	Persuasion	3
	Foreign Language	3		Communication Studies Elective	3
	Minor or Electives	4		Fine Arts Appreciation Elective ³	2
	TOTAL	16		Foreign Language	3
				TOTAL	17

Fourth Year

Com 402	Senior Project in RPA	1	Com 403	Senior Project in RPA	2
	Communication Studies Elective	3	Bi 499	Apoletics and Worldview	3
	Interpersonal Communication Elective ⁴	3	Com 504	American Public Address	3
	Philosophy or Psychology	3		Communication Studies Elective	3
	Upper-Level Bible Elective ⁵	2		Minor or Electives	4
	Minor or Electives	4		TOTAL	16
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three hours must be taken from the following: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Three hours must be taken from the following courses: Com 302 Interpersonal Communication, Com 506 Interviewing, Com 507 Conflict Management, Com 520 Intercultural Communication and Com 521 Nonverbal Communication.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

• A student is not considered approved for a Communication Studies major until a faculty committee has reviewed his progress in that major at the end of the sophomore year.

• Recommended minors: Administrative Management, Business, Business Technology, Journalism and Mass Communication, and Professional Writing.

Bachelor of Science Degree, Communication Disorders Major

The Communication Disorders Major provides an education that meets pre-professional entrance criteria for graduate work in speech-language pathology or audiology. Classroom instruction, clinical observations, written assignments and client interaction are carefully planned to ensure that the student is prepared for graduate school. Course content covers the broad scope of normal speech and language development, and speech and language disorders, and provides an adequate base of math, science and psychology for entrance into a master's program. The program is a composite major that requires 58 hours. Students contemplating a profession in speech-language pathology or audiology should be prepared to continue their education beyond the bachelor's degree.

First Year

Uni 101	Freshman Seminar	1	Sc 105	Physical Science	4
Sc 103	Biological Science	4	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	CD 206	Intro to Communicative Disorders	3
FA 125	Introduction to the Arts	1	Com 202	Principles of Communication	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		TOTAL	17
	TOTAL	16			

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Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Bi 230	Hermeneutics	2	SSE 200	Foundations of Economics	3
CD 207	Anatomy of Speech/Hearing Mechanism	3	CD 208	Clinical Application of Phonetics	3
CD 302	Normal Language Development	3	CD 304	Intro Audiology	3
	English Literature or Writing Elec	3		Mathematics	3
	Mathematics	3		Sophomore Bible Elective ¹	1
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
CD 303	Articulation & Phonology	3	CD 306	Sign Language II	3
CD 305	Sign Language I	3	CD 402	Acquired Language Disorders	3
CD 401	Language Disorders in Children	3	CD 403	Disorders of Voice	3
CD 404	Disorders of Fluency	3	Exc 205	Introduction to Exceptional Learners	3
Com 410	Oral Communication for the Professions	3		TOTAL	15
	TOTAL	18			

Fourth Year

CD 400	Seminar in Speech-Language Pathology	1	Bi 499	Apologetics and Worldview	3
CD 406	Diag & Thera Meth Speech-Lang Path	3	CD 405	Selected Topics in Speech Pathology	3
CD 499	Clinical Practicum	9		Business/Critical/Expository Writing ²	3
	Upper-Level Bible Elective ³	2		Fine Arts Appreciation Elective ⁴	2
	TOTAL	15		Psychology	3
				TOTAL	14

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three hours must be taken from the following: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

- A student is not considered approved for a Communication Disorders major until a faculty committee has reviewed his progress in that major at the end of the sophomore year.
- Recommended minors: Biology, Counseling, English, Mathematics, Psychology, Spanish and Teaching English as a Second Language.

Department of Journalism and Mass Communication

BLAKE ALLYN SPENCE, EdD, *Department Head*

The Department offers a Bachelor of Arts degree in Journalism and Mass Communication. Courses are offered in this department also 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 majors at media outlets and organizations performing public relations functions.

Journalism and 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 JMC 101, JMC 205, PW 211 and 9 hours of electives with a JMC prefix.

Professional Writing Minor

The Professional Writing minor provides instruction primarily in non-journalistic writing for students who wish to broaden their general competence in written communication. **121**

A minor in Professional Writing consists of PW 211, PW 222 or PW 324, PW 322, JMC 302 and 6 hrs of electives with a JMC or PW prefix.

Bachelor of Arts Degree, Journalism and Mass Communication Major

The Journalism and Mass Communication major provides career preparation through three concentrations—electronic media, journalism and public relations—one of which each student in the major must choose by the end of the sophomore year. Along with instruction in foundational theoretical concepts, the department 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 (*Collegian*). They also have the opportunity to qualify for internships at media outlets and at organizations performing public relations functions. This program requires 40 hours.

(Electronic Media Concentration)

First Year

Uni 101	Freshman Seminar	1	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	JMC 201	Oral Communication for the Media	3
Com 101	Fundamentals of Speech	3		English Composition	3
JMC 101	Fundamentals of Electronic Media	3		Fine Arts Appreciation Elective ¹	2
	English Composition	3		Foreign Language	3
	Foreign Language	3		TOTAL	15
	TOTAL	15			

Second Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 230	Hermeneutics	2	JMC 202	Writing for Electronic Media	3
JMC 206	Video Equipment Operation	3	JMC 203	Audio Equipment Operation	3
PW 211	Expository Writing	3	JMC 205	Principles of Journalism	3
	English Literature or Writing Elec	3		Foreign Language	3
	Foreign Language	3		Sophomore Bible Elective ²	1
	TOTAL	17		TOTAL	16

Third Year

SSE 200	Foundations of Economics.....	3	Ph 200	Themes in Western Thought	3
Bi 401	Bible Doctrines.....	3	Sc 200	Essential Science.....	3
Com 410	Oral Communication for the Prof.....	3	Bi 402	Bible Doctrines.....	3
JMC 303	Audio Production	3	JMC 200	Media and Society	3
	Science, Math or Comp Sci.....	3	JMC 305	Video Production	3
	TOTAL	15	JMC 501	Media Law and Ethics	3
				TOTAL	18

Fourth Year

JMC 441	Journalism & Mass Commun. Capstone	1	Bi 499	Apologetics and Worldview	3
	Journalism & Mass Communication Elec	3	JMC 451	Internship	3
	Philosophy or Psychology.....	3		Minor or Electives	10
	Upper-Level Bible Elective ³	2		TOTAL	16
	Minor or Electives	7			
	TOTAL	16			

¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken with a Bi prefix on the 300–500 level.

• Formal acceptance as a Journalism and Mass Communication major will be determined by a faculty committee’s evaluation of the student’s progress at the end of his sophomore year.

• Recommended minors: English, Business, Graphic Design, Art and Composite Communication.

(Journalism Concentration)

First Year

Uni 101	Freshman Seminar.....	1	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		English Composition	3
Com 101	Fundamentals of Speech.....	3		Fine Arts Appreciation Elective ¹	2
JMC 101	Fundamentals of Electronic Media	3		Foreign Language.....	3
	English Composition.....	3		Science, Math or Comp Sci.....	3
	Foreign Language.....	3		Minor or Electives	1
	TOTAL	15		TOTAL	16

Second Year

Hi 101	History of Civilization.....	3	Sc 200	Essential Science.....	3
Bi 230	Hermeneutics.....	2	Hi 102	History of Civilization.....	3
JMC 205	Principles of Journalism	3	JMC 200	Media and Society	3
PW 211	Expository Writing	3		Foreign Language.....	3
	English Literature or Writing Elec.....	3		Journalism & Mass Communication Elec ²	3
	Foreign Language.....	3		Sophomore Bible Elective ³	1
	TOTAL	17		TOTAL	16

Third Year

SSE 200	Foundations of Economics.....	3	Ph 200	Themes in Western Thought	3
Bi 401	Bible Doctrines.....	3	Bi 402	Bible Doctrines.....	3
JMC 201	Oral Communication for the Media	3	Com 410	Oral Communication for the Professions.....	3
JMC 300	News Writing	3	JMC 501	Media Law and Ethics	3
	Minor or Electives	4		Reporting Elective ⁴	3
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Fourth Year

JMC 441	Journalism & Mass Commun. Capstone	1	Bi 499	Apologetics and Worldview	3
	Journalism & Mass Communication Elec ²	3	JMC 451	Internship	3
	Journalism & Mass Communication Elec ²	3		Minor or Electives	10
	Journalism & Mass Communication Elec ²	3		TOTAL	16
	Philosophy or Psychology.....	3			
	Upper-Level Bible Elective ⁵	2			
	Minor or Electives	1			
	TOTAL	16			

- ¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.
- ² Nine hours must be taken with a JMC prefix.
- ³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
- ⁴ Three hours must be taken from the following courses: JMC 315 Reporting for Print and JMC 316 Reporting for Broadcast.
- ⁵ Two hours must be taken with a Bi prefix on the 300–500 level.
- Formal acceptance as a Journalism and Mass Communication major will be determined by a faculty committee’s evaluation of the student’s progress at the end of his sophomore year.
- Recommended minors: English, Business, Art and Composite Communication.

(Public Relations Concentration)

First Year

Uni 101 Freshman Seminar 1 Bi 105 Old Testament Messages 1 FA 125 Introduction to the Arts 1 Com 101 Fundamentals of Speech 3 JMC 101 Fundamentals of Electronic Media 3 English Composition 3 Foreign Language 3 TOTAL 15	Bi 109 New Testament Messages 1 Com 202 Principles of Communication 3 English Composition 3 Fine Arts Appreciation Elective ¹ 2 Foreign Language 3 Science, Math or Comp Sci 3 Minor or Electives 1 TOTAL 16
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Second Year

Hi 101 History of Civilization 3 Bi 205 Hermeneutics 2 JMC 205 Principles of Journalism 3 PW 211 Expository Writing 3 English Literature or Writing Elec 3 Foreign Language 3 TOTAL 17	Sc 200 Essential Science 3 Hi 102 History of Civilization 3 JMC 200 Media and Society 3 JMC 215 Intro to Public Relations 3 Foreign Language 3 Sophomore Bible Elective ² 1 TOTAL 16
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Third Year

Ph 200 Themes in Western Thought 3 SSE 200 Foundations of Economics 3 Bi 401 Bible Doctrines 3 JMC 201 Oral Communication for the Media 3 JMC 511 Media Relations 3 Minor or Electives 1 TOTAL 16	Bi 402 Bible Doctrines 3 Com 410 Oral Communication for the Professions 3 JMC 321 Public Relations Writing 3 JMC 425 Cases in Public Relations 3 JMC 501 Media Law and Ethics 3 Minor or Electives 1 TOTAL 16
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Fourth Year

JMC 441 Journalism & Mass Commun. Capstone 1 Journalism & Mass Communication Elec ³ 3 Journalism & Mass Communication Elec ³ 3 Philosophy or Psychology Elective 3 Upper-Level Bible Elective ⁴ 2 Minor or Electives 4 TOTAL 16	Bi 499 Apologetics and Worldview 3 JMC 451 Internship 3 Minor or Electives 10 TOTAL 16
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- ¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.
- ² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
- ³ Six hours must be taken with a JMC prefix.
- ⁴ Two hours must be taken with a Bi prefix on the 300–500 level.
- Formal acceptance as a Journalism and Mass Communication major will be determined by a faculty committee’s evaluation of the student’s progress at the end of his sophomore year.
- Recommended minors: English, Business, Art and Composite Communication.

Department of Cinema

LAURA KATHRYN STEVENSON, MA, *Department Head*

The Department offers a major in Cinema Production and a minor in Photography. Courses are also available as general electives. Internships are available to qualified majors and are assigned by the department head.

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, Pho 200, Pho 310 and 9 hours of electives with a Pho prefix.

Bachelor of Science Degree, Cinema Production Major

The Cinema Production major provides professional training in all phases of motion picture and video production, including directing, editing, camera work, sound and lighting. It also provides preparation for a career in still photography. In addition to classroom instruction, the program places heavy emphasis on participation in departmental and personal production activity. It requires the production of an original project or some other approved creative work for the purpose of demonstrating overall proficiency in cinema. This program requires 36 hours in the major.

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First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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	Professional Film & Video Camera	3
Ci 101	Basic Photography	3		English Composition	3
Ci 111	Production Fundamentals	3		Minor or Electives	3
	English Composition	3		TOTAL	16
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
Com 202	Principles of Communication	3	Ci 100	Cinema Lab	0
Ci 100	Cinema Lab	0	Ci 204	Intermediate Sound Techniques	3
Ci 203	Basic Sound Techniques	3	Ci 304	Editing for Film & Video II	3
Ci 303	Editing for Film & Video I	3		Sophomore Bible Elective ¹	1
	English Literature or Writing Elec.	3		Minor or Electives	3
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ci 100	Cinema Lab	0	Ci 100	Cinema Lab	0
Ci 312	Video Production Seminar	2	Ci 316	Digital Imaging Techniques	2
Ci 405	Screenwriting	2	Ci 417	Cinema Directing	3
	Philosophy or Psychology	3		Business/Critical/Expository Writing ²	3
	Science, Math or Comp Sci ³	3		Minor or Electives	5
	Minor or Electives	3		TOTAL	16
	TOTAL	16			

Fourth Year

Ci 100	Cinema Lab	0	Bi 499	Apologetics and Worldview	3
Ci 479	Production Seminar ⁴	3	Com 410	Oral Communication for the Professions	3
	Fine Arts Appreciation Elective ⁵	2	Ci 100	Cinema Lab	0
	Upper-Level Bible Elective ⁶	2	Ci 480	Production Seminar ⁴	3
	Minor or Electives	9		Minor or Electives	7
	TOTAL	16		TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Three hours must be taken from the following courses: PW 211 Expository Writing, PW 322 Critical Writing and PW 324 Business Writing.

³ Three hours must be taken in one of these subjects.

⁴ The senior project is required in connection with Ci 479 and Ci 480.

⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

- Cinema Production students (sophomore and above) will be required to purchase a portable external hard drive to store class work. Please check with the department for recommended models
- Recommended minors: Art, Business, Business Technology, Creative Writing, Dramatic Production, Journalism and Mass Communication, and Photography.
- All Cinema Production majors are required to register for Ci 100 Cinema Lab each semester.
- A student is not considered approved for a Cinema Production major until the end of his sophomore year when a faculty committee will evaluate the student's work and performance as a Cinema Production major.
- Recommended minors: Art, Business, Business Technology, Creative Writing, Dramatic Production, Journalism and Mass Communication and Photography.

Department of Dramatic Arts

DAVID RYAN SCHWINGLE, MA, Department Head

The Department offers majors in Dramatic Production and Performance Studies, and a minor in Dramatic Arts. Courses are also available as general electives.

Dramatic Arts Minor

The Dramatic Arts minor provides instruction in performance, directing, design and stagecraft.

A minor in Dramatic Arts consists of PSt 101, PSt 203, DP 100 and 9 hours of electives with a PSt or DP prefix.

Recommended electives: PSt 200, PSt 201, PSt 305, DP 101, DP 300 and DP 301.

Bachelor of Arts Degree, Dramatic Production Major

The Dramatic Production major provides training in all phases of play production including playwrighting, 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 in local churches and Christian schools. It requires the production of a creative project to demonstrate proficiency in dramatic production. It may lead to graduate work in theatre or to ministry opportunities in local churches or Christian schools. This program requires 36 hours in the major and 24 hours in a selected minor study concentration.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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	DP 101	Stagecraft	3
Com 101	Fundamentals of Speech	3		English Composition	3
DP 105	Theatre History and Literature I	3		Minor or Electives	3
	English Composition	3		TOTAL	16
	Minor or Electives	1			
	TOTAL	16			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
DP 201	Scene Design	2	DP 306	Acting I	3
DP 205	Theatre History & Literature II	3		Design Elective ¹	2
	English Literature or Writing Elec	3		Foreign Language	3
	Foreign Language	3		Sophomore Bible Elective ²	1
	TOTAL	16		Minor or Electives	1
				TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
DP 317	Playwriting	3	DP 300	Stage Directing	3
PSt 203	Voice and Articulation	3	DP 305	Design Collaboration Practicum	1
	Foreign Language	3	DP 407	Christian Drama Internship	1
	Science, Math or Comp Sci ³	3	DP 513	Drama in Ministry	2
	Minor or Electives	1		Foreign Language	3
	TOTAL	16		Minor or Electives	3
				TOTAL	16

Fourth Year

Com 410	Oral Communication for the Professions	3	Bi 499	Apologetics and Worldview	3
DP 401	Private Instruction for DP Major	1	DP 402	Private Instruction for DP Major	1
	DP or Performance Studies Elective ⁴	3		DP or Performance Studies Elective ⁴	3
	Philosophy or Psychology	3		Minor or Electives	9
	Upper-Level Bible Elective ⁵	2		TOTAL	16
	Minor or Electives	4			
	TOTAL	16			

- ¹ Two hours must be taken from the following courses: DP 202 Lighting Design and DP 203 Costume Design.
- ² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
- ³ Three hours must be taken in one of these subjects.
- ⁴ Six hours must be taken with a DP or PSt prefix on the 200–500 level.
- ⁵ Two hours must be taken with a Bi prefix on the 300–500 level.
- Recommended minors: English, Music, Journalism and Mass Communication, Art and Professional Writing.
- Formal acceptance as a Dramatic Production major will be determined by a faculty committee's evaluation of the student's classroom portfolio at the end of his sophomore year.

Bachelor of Arts Degree, Performance Studies Major

The Performance Studies major provides principles of literary analysis and performance, and extensive practical experience in the artistic communication of literature. It may lead to graduate work in communication, education or careers and ministry opportunities that demand effective platform presentation skills. The program combines a solid liberal arts core with an emphasis on the understanding of literature through performance. It develops polished communication skills and a general understanding of the communication process that can be applied to a range of professional pursuits. The program features a 50-minute adaptation and performance of literature during the senior year. This program requires 34 hours in the major and 24-25 hours in a selected minor study concentration.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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	PSt 100	Introduction to Performance Studies	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		Minor or Electives	3
	Minor or Electives	3		TOTAL	16
	TOTAL	15			

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Sc 200	Essential Science	3
PSt 201	Performance of Narrative & Drama	3	PSt 200	Performance of Poetry	3
PSt 203	Voice and Articulation	3	PSt 306	Acting I	3
	English Literature or Writing Elec.	3		Foreign Language	3
	Foreign Language	3		Sophomore Bible Elective ¹	1
	TOTAL	17		TOTAL	16

Third Year

CW 212	Creative Writing.....	3	Bi 402	Bible Doctrines.....	3
Bi 401	Bible Doctrines.....	3	PSt 402	Movement for the Performer	1
PSt 401	Voice for the Performer	1		Com Studies, DP or Perf Studies Ele ²	3
PSt 504	Staging Literature	3		Com Studies, DP or Perf Studies Ele ²	3
	Foreign Language.....	3		Foreign Language.....	3
	Science, Math or Comp Sci ³	3		Minor or Electives.....	3
	TOTAL	16		TOTAL	16

Fourth Year

Com 410	Oral Communication for the Professions.....	3	Bi 499	Apologetics and Worldview.....	3
PSt 403	Private Lessons (Perf Studies Major)	1	DP 513	Drama in Ministry	2
	Com Studies, DP or Perf Studies Ele ²	3	PSt 404	Private Lessons (Perf Studies Major)	1
	Philosophy or Psychology.....	3		Com Studies, DP or Perf Studies Ele ²	3
	Upper-Level Bible Elective ⁴	2		Minor or Electives.....	7
	Minor or Electives.....	4		TOTAL	16
	TOTAL	16			

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Twelve hours must be taken with a Com, DP or PSt prefix on the 200–500 level.

³ Three hours must be taken in one of these subjects.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

- Formal acceptance as a Performance Studies major will be determined by a faculty committee's evaluation of the student's progress at the end of his sophomore year.
- Recommended minors: English, Music, Journalism and Mass Communication, Art and Professional Writing.

SCHOOL OF **EDUCATION**

Brian A. Carruthers, EdD, Dean



GENERAL INFORMATION

Purpose

The School of Education has a threefold purpose: the training of prospective teachers for teaching positions in both public and private schools, as well as for missionary experience on both the elementary and secondary levels; the training for recreational positions in camp work, local church ministries, private schools, commercial and corporate fitness centers, boys and girls clubs, and similar employment; and the training of counselors to engage in various Christian ministries.

Divisions and Departments

The School of Education is organized into four divisions:

I. Division of Teacher Education

Department of Early Childhood Education

Department of Elementary Education

Department of Middle School Education

Department of Art Education

Department of English Education

Department of Modern Language Education

Department of Mathematics Education

Department of Music Education

Department of Science Education

Department of Social Studies Education

Department of Special Education

II. Division of Physical Education and Exercise Science

III. Division of Psychology

IV. Division of Graduate Studies

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DEGREES OFFERED

Undergraduate Degrees

The *Associate of Applied Arts* degree with a major in Child Care Ministry.

The *Bachelor of Arts* degree with a major in Biblical Counseling.

The *Bachelor of Science* degree with majors in Art Education, Biology Education, Composite Science Education, Composite Social Studies Education, Early Childhood Education, Elementary Education, English Education, Health, Fitness & Recreation, Mathematics Education, Middle School Education, Music Education, Spanish Education and Special Education.

Graduate Degrees (Secure Seminary and Graduate School Catalog from the Records Office)

The *Doctor of Education* degree with majors in Curriculum and Instruction and Educational Leadership.

The *Master of Arts in Teaching* degree with majors in Elementary Education, English and Mathematics.

The *Master of Education* degree with majors in Elementary Education, English, History, Mathematics, Secondary Education and Teaching and Learning.

The *Master of Science* degree with majors in Biblical Counseling and Educational Leadership.

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). A copy of TEACH is provided to every student enrolling in a teacher education program and its contents are reviewed at the new student orientation meeting held at the beginning of each semester.

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 University Scholarship Committee consisting of the deans of the various academic units of the University, the registrar and the provost.

Mathematics—All teacher education majors (except music education) must complete at least one course in mathematics. The mathematics requirement is based on the student’s math ACT score unless there is a specific math requirement in his program. For students whose programs do not require a specific math course, the math course(s) will be taken on the following basis:

Math ACT Score	Mathematics Requirement
17 and below	Ma 101 and Ma 102
18, 19 and 20	Ma 102
21 and above	Ma 210

Science—All teacher education students have a science requirement. Sc 103 Biological Science and Sc 105 Physical Science are required of all students majoring in early childhood education, elementary education, special education and music education.

Professional Courses—All teacher education majors must earn a grade of C or better in courses for the following subjects: psychology and professional education which includes elementary education, special education, secondary education and music education. Professional courses are noted in each program by italics.

Praxis Examination Series

Praxis I Examination—The Praxis I Examination measures academic content that should be mastered by a student at the high school level. All students majoring in education must take and pass all three sections of the Praxis I Examination: writing, reading and mathematics. A student who fails one or more sections of the examination is required to retake only the portion that was not passed. Students who score a composite of 24 or higher on the ACT are exempt from taking the Praxis I exam. Expenses associated with the Praxis I examinations are the responsibility of the student.

Praxis II Examinations—Scores on the Praxis II Examination are used by the State Department of Education to determine a student’s eligibility for certification in South Carolina. All students must take the Specialty Area Tests and the Principles of Learning and Teaching (PLT) of the Praxis II as a graduation requirement. A passing score on both tests is required in order to be recommended for certification. Expenses associated with the Praxis II examinations are the responsibility of the student.

Pre-Directed Teaching Practicum

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 Directed Teaching is scheduled, the aspiring teacher 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 church-related teaching activities.

Directed Teaching

The first step for admission to student teaching comes when the candidate is admitted to the School of Education degree program. (See the requirements for admission that are printed in TEACH.)

During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 12 weeks of directed teaching. Students should not plan to take any coursework during the semester of the directed teaching experience except the required courses included in the block. Students doing their directed teaching experience during II Semester should have all correspondence work completed prior to the start of the semester. It is not permissible to have any other coursework in progress during directed teaching.

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 student teaching experience, i.e., recitals, exhibitions, society offices; music or speech ensembles; and performance in plays, vespers, operas or student productions. Furthermore, no personal absences are permitted during the directed teaching experience, except when the school where the directed teaching is done is not in session and it does not conflict with an attendance requirement at the University.

Professional Education Certification/Non-Certification 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. Students who fail to do so will be asked to change their major to a non-teacher education program.

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It is the student's responsibility to make application for South Carolina certification since no credentials are issued automatically. Students should be aware that the approved teacher education programs at Bob Jones University meet the certification requirements only for the state of South Carolina. Receiving a teaching certificate in an approved program through South Carolina may allow one to receive reciprocal certification in other states. However, each state has its own qualifiers for certification; therefore, for specific certification requirements, teacher candidates need to contact the Department of Education in the state in which they wish to apply for certification. Please be aware that some state departments require regional (not national) accreditation of the institution in order for them to recognize a graduate's certification. Students must take the initiative to make arrangements for renewing their certification upon expiration.

Professional Education Program—Bob Jones University's undergraduate teacher preparation programs have been developed to meet South Carolina teacher certification requirements. Students completing degree requirements and meeting certain other specified criteria are eligible for certification in the following areas:

Early Childhood Education	Pre-K–3
Art	Pre-K–12
Middle School (Language Arts/Social Studies)	5–8
Middle School (Math/Science)	5–8
Music (choral & instrumental)	Pre-K–12
Special Education	Pre-K–12
Elementary Education	2–6
Biology	9–12
English	9–12
Mathematics	9–12
Science	9–12
Social Studies	9–12
Spanish	Pre-K–12

In addition to the specific course criteria outlined in the Catalog, candidates for certification with the State Department of Education in South Carolina must meet the following guidelines for formal acceptance to any of the teacher education programs in the School of Education:

- 1) A candidate must have a minimum of 45 hours of academic credit completed in his program before he is eligible for admission. No grades below C are acceptable toward a major, minor or any professional education class.
- 2) A candidate must meet the following GPA requirements at the time of admission:
 - a) Candidate must have and maintain at least a 2.5 GPA in the major.
 - b) Candidate must have a cumulative GPA of at least a 2.5 **or** a cumulative GPA of 2.25 and a composite ACT score of 20.
- 3) A candidate must pass all three sections of the Praxis I exam. Students with a composite ACT score of 24 are exempt from this requirement.
- 4) A candidate must present a satisfactory initial digital portfolio.

Non-Certification Track

We recognize that many of our students enrolled in the Division of Teacher Education may not be preparing for positions in public education. Students who are preparing for ministry in Christian Education or on the missions field may not see the need for a state credential. 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 choosing the non-certification track, however, can apply to complete their student teaching in a local Christian School instead of a public school. These students cannot apply for a credential from the state of South Carolina at the conclusion of their program.

University Educators Association

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 departmental meetings are part of the UEA programming. All prospective teachers are urged to become members of UEA. Two major activities are featured each year. Introduction to the World of Special Olympics is a special program for the disabled children in attendance at Washington Center School. These students are transported to the university campus for day-long activities during the first semester of each year. The second program is a day-long field day conducted in the spring for the students at Bob Jones Elementary School.

Associate of Applied Arts Degree, Child Care Ministry Major

The Child care major leading to an associate of applied arts degree provides preparation for working as a caregiver with preschoolers in child care nursery programs or child development centers. It also prepares for positions in a Christian education program of a church or as teacher aides in kindergarten. Classroom instruction is complemented by practical experience gained from direct involvement in child care procedures in the University Child Development Center.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	CMn 208	Personal Evangelism	1
Com 101	Fundamentals of Speech	3	FA 125	Introduction to the Arts	1
ECC 141	The Maturing Child	2	ECC 142	The Maturing Child	2
	English	3		English	3
	Electives	5		Science, Math or Comp Sci	3
	TOTAL	15		Electives	4
				TOTAL	15

Second Year

FCS 105	Resource Management	3	Bi 302	Christian Doctrines	3
Bi 301	Christian Doctrines	3	CMn 325	Children's Ministry	2
ECC 241	Infant & Toddler Care	2	ECC 220	Teaching Techniques	2
EC 205	Early Childhood Education	3	ECC 246	Child Health & Safety	3
	Speech Elective	3	EC 244	Early Childhood Curriculum	3
	Electives	1		Church Ministries Elective	2
	TOTAL	15		TOTAL	15

Third Year

Bi 230	Hermeneutics	2	CMn 314	Principles of Leadership	1
CMn 313	Principles of Leadership	1	ECC 342	Supervised Field Experience II	3
CM 210	Survey of Missions	2	EC 345	Home, School and Community Relations	2
ECC 320	Creativity & Classroom Management	2	BA 101	Introduction to Business	3
ECC 341	Supervised Field Experience I	3		Upper-Level Bible Elective	2
	Electives	5		Electives	4
	TOTAL	15		TOTAL	15

DIVISION OF TEACHER EDUCATION

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DONALD LEE JACOBS, EdD, *Chairman*

The Division of Teacher Education includes the Departments of Early Childhood Education, Elementary Education, Middle School Education, Art Education, English Education, Modern Language Education, Mathematics Education, Music Education, Science Education, Social Studies Education and Special Education.

Courses are offered in this division for students who must complete the degree requirements for a teacher education major.

All teaching majors in the Division of Teacher Education are approved for certification in South Carolina to teach in public schools. These programs are also available on the non-certification track. This option is for students who plan to teach in private schools and will not require state certification.

Department of Early Childhood Education

JULIE NICOLAZZO HARTMAN, PhD, *Department Head*

The Department of Early Childhood Education offers a major in Early Childhood Education and a minor in Child Care—for the *Bachelor of Arts in Practical Christian Training* degree.

Child Care Minor

The Child Care minor provides an introduction to the field of Child Care.

A minor in Child Care for the *Bachelor of Arts in Practical Christian Training* degree consists of FCS 221, Ps 321 or Ps 300, EC 205, EC 244, EC 302 and 3 hours of electives with a Ps, Ed, EC or EE prefix.

Bachelor of Science Degree, Early Childhood Education Major

The Early Childhood Education (Pre-K–3rd Grade) major provides preparation and practical experience for teaching in pre-kindergarten through the third grade of elementary school. It focuses on producing concerned and clear-thinking teachers. It also develops the ability to generate fresh, original lessons without undue dependence on structured teacher's manuals. This program requires 53 hours in the comprehensive major.

First Year

Uni 101	Freshman Seminar	1	Sc 103	Biological Science	4
Sc 105	Physical Science	4	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Ed 100	Introduction to Education	3	Com 101	Fundamentals of Speech	3
	English Composition	3	EC 221	Child Growth & Development	3
	TOTAL	15		English Composition	3
				TOTAL	18

Second Year

Ma 109	Mathematics for Teachers	3	Ma 110	Mathematics for Teachers	3
Bi 230	Hermeneutics	2	Ed 301	Technology in the Classroom	2
Com 205	Classroom Communication	3	EC 307	Teaching Social Studies	3
Ed 300	Foundations in Instructional Tech	2	EC 345	Home, School and Community Relations	2
EC 205	Early Childhood Education	3	Ps 201	<i>Educational Psychology</i>	3
EC 305	Teaching Science	3		English Literature or Writing Elec	3
	TOTAL	16		Sophomore Bible Elective ¹	1
				TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Ph 200	Themes in Western Thought	3
EC 302	Teaching Reading	3	Bi 402	Bible Doctrines	3
EC 309	Teaching Language Arts	3	EC 244	Early Childhood Curriculum	3
EC 331	Practicum Pre-K-3	3	EC 311	Teaching Math	3
EE 401	Teaching Techniques (Pre-K-6)	1	EE 408	<i>Prescriptive Reading Practicum</i>	3
Ps 300	<i>Child Psychology</i>	3		Fine Arts Appreciation Elective ²	2
	TOTAL	16		TOTAL	17

Fourth Year

Bi 500	Teaching Bible Principles	2	SSE 200	Foundations of Economics	3
Ed 562	Assessment (Pre-K-6)	2	Bi 499	Apologetics and Worldview	3
EC 499	Directed Teaching	9	EE 405	Teaching Health & Physical Education	3
EE 550	Classroom Management	2	EE 510	<i>Children's Literature</i>	3
	TOTAL	15	Ps 305	Introduction to Exceptional Learners	3
				TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.
- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

Department of Elementary Education

TAMILA THORSELL JACOBS, EdD, *Department Head*

This Department offers a major in Elementary Education.

Bachelor of Science Degree, Elementary Education Major

The Elementary Education major provides preparation and practical experience for teaching grades 2-6 in the elementary school. It focuses on producing concerned and clear-thinking teachers. It also develops the ability to generate fresh, original lessons without undue dependence on structured teacher's manuals. This program requires 57 hours in the comprehensive major.

First Year

Uni 101	Freshman Seminar	1	Sc 103	Biological Science	4
Sc 105	Physical Science	4	Ma 110	Mathematics for Teachers	3
Ma 109	Mathematics for Teachers	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	Ar 225	Appreciation of Art	2
	English Composition	3	Ed 100	Introduction to Education	3
	TOTAL	15		English Composition	3
				TOTAL	17

Second Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 230	Hermeneutics	2	Ed 301	Technology in the Classroom	2
Com 205	Classroom Communication	3	EE 303	Teaching Language Arts	3
Ed 300	Foundations in Instructional Tech	2	EE 405	Teaching Health & Physical Education	3
EE 301	Teaching Social Studies	3	Ps 300	Child Psychology	3
Ps 201	Educational Psychology	3		English Literature or Writing Elec	3
	TOTAL	16		Sophomore Bible Elective ¹	1
				TOTAL	18

Third Year

Hi 201	United States History.....	3	Hi 202	United States History.....	3
Bi 401	Bible Doctrines.....	3	Bi 402	Bible Doctrines.....	3
EE 300	Teaching Mathematics.....	3	Mu 225	Appreciation of Music.....	2
EE 302	Teaching Reading.....	3	EE 304	Teaching Science.....	3
EE 331	Practicum: Grades 2–6.....	3	EE 408	Prescriptive Reading Practicum.....	3
EE 401	Teaching Techniques (Pre-K–6).....	1	Ps 305	Introduction to Exceptional Learners.....	3
	TOTAL.....	16		TOTAL.....	17

Fourth Year

Bi 500	Teaching Bible Principles.....	2	Ph 200	Themes in Western Thought.....	3
Ed 562	Assessment (Pre-K–6).....	2	SSE 200	Foundations of Economics.....	3
EE 499	Directed Teaching.....	9	SSG 200	Fundamentals of Geography.....	3
EE 550	Classroom Management.....	2	Bi 499	Apologetics and Worldview.....	3
	TOTAL.....	15	EE 510	Children’s Literature.....	3
				TOTAL.....	15

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

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- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.
- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Department of Middle School Education

SONIA LEIGH JOHNSON, EdD, Department Head

The Department offers majors in Middle School Education with concentrations in Language Arts/Social Studies and Mathematics/Science. Courses for the majors are offered in the Departments of Mathematics, Biology, Chemistry, Physics, English, History and Social Studies from the College of Arts and Science.

Bachelor of Science Degree, Middle School Education Major

The Middle School Education degree provides preparation and practical experience for teaching in the middle school. It focuses on producing concerned and clear-thinking teachers. It also develops the ability to generate fresh, original lessons without undue dependence on structured teacher’s manuals. An emphasis in either language arts and social studies (60 hours), or math and science (55 hours) may be chosen, so an academic minor is not required.

(Language Arts/Social Studies)

First Year

Uni 101	Freshman Seminar.....	1	En 103	Composition & Literature.....	3
En 102	Composition & Rhetoric.....	3	Se 200	Essential Science.....	3
Hi 101	History of Civilization.....	3	Hi 102	History of Civilization.....	3
Bi 105	Old Testament Messages.....	1	SSP 207	National Government.....	3
Com 101	Fundamentals of Speech.....	3	Bi 109	New Testament Messages.....	1
	Mathematics for Education Majors ¹	3	FA 125	Introduction to the Arts.....	1
	TOTAL.....	14	Ed 100	Introduction to Education.....	3
				TOTAL.....	16

Second Year

En 204	American Literature.....	3	Ph 200	Themes in Western Thought.....	3
Hi 201	United States History.....	3	Hi 202	United States History.....	3
Bi 230	Hermeneutics.....	2	SSG 200	Fundamentals of Geography.....	3
Com 205	Classroom Communication.....	3	Ps 302	Adolescent Psychology.....	3
Ps 201	Educational Psychology.....	3		Fine Arts Appreciation Elective ²	2
MSE 380	Teaching Writing.....	3		Sophomore Bible Elective.....	1
	TOTAL.....	17		TOTAL.....	17

Third Year

En 203	British Literature	3	Bi 402	Bible Doctrines	3
SSE 200	Foundations of Economics	3	Ed 301	Technology in the Classroom	2
Bi 401	Bible Doctrines	3	MSE 315	Teaching English (5–8)	3
Ed 300	Foundations in Instructional Tech	2	MSE 317	Teaching Social Studies (5–8)	3
MSE 333	Middle School Curric. & Organization	3	MSE 331	Practicum: Grades 5–8	3
Ps 305	Introduction to Exceptional Learners	3	MSE 342	Teaching Writing Content Areas	3
	TOTAL	17	MSE 401	Teaching Techniques (5–8)	1
				TOTAL	18

Fourth Year

En 509	Structure of Modern English	3	Bi 500	Teaching Bible Principles	2
Bi 499	Apologetics and Worldview	3	Ed 563	Assessment (5–12)	2
SE 502	Teaching Adolescent Literature	3	MSE 499	Directed Teaching	9
	English Literature Elective ⁴	3	MSE 550	Classroom Management	2
	Social Studies or History Elective ⁵	3		TOTAL	15
	TOTAL	15			

¹ Placement to be determined by math ACT score.

² Two hours must be taken from the following courses: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Three hours must be taken from the following courses: 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 and En 526 Contemporary Fiction.

⁵ Three hours must be taken from a social studies or history elective

· During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

· During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

(Mathematics/Science)

First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 110	Mathematics for Teachers	3
Ma 109	Mathematics for Teachers	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
	English Composition	3		English Composition	3
	TOTAL	15		Fine Arts Appreciation Elective ¹	2
				TOTAL	17

Second Year

Phy 101	Introductory Physics	4	Sc 207	General Geology	3
Ma 103	College Algebra	3	Ma 105	Transcendental Functions	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 230	Hermeneutics	2	Ps 302	Adolescent Psychology	3
Com 205	Classroom Communication	3		English Literature or Writing Elec	3
Ps 201	Educational Psychology	3		Sophomore Bible Elective ²	1
	TOTAL	18		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Ma 211	Theory of Geometry	3
Chm 103	General Chemistry I	4	Bi 402	Bible Doctrines	3
Ma 200	Calculus I	3	Ed 301	Technology in the Classroom	2
Bi 401	Bible Doctrines	3	MSE 319	Teaching Mathematics (5–8)	3
Ed 300	Foundations in Instructional Tech	2	MSE 321	Teaching Natural Science (5–8)	3
MSE 333	Middle School Curric. & Organization	3	MSE 331	Practicum: Grades 5–8	3
	TOTAL	18	MSE 401	Teaching Techniques (5–8)	1
				TOTAL	18

Fourth Year

As 250	Solar System Astronomy	3	Bi 500	Teaching Bible Principles	2
Ma 210	Elementary Statistics	3	Ed 563	Assessment (5-12)	2
SSE 200	Foundations of Economics	3	MSE 499	Directed Teaching	9
Bi 499	Apologetics and Worldview	3	MSE 550	Classroom Management	2
Ps 305	Introduction to Exceptional Learners	3		TOTAL	15
	Natural Science Elective	3			
	TOTAL	18			

¹ Two hours must be taken from the following courses: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.
- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Department of Art Education

JOHN DANIEL ROBERTS, MA, Department Head

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The Department offers a major in Art Education. Courses for the major are offered in the Division of Art from the School of Fine Arts.

Bachelor of Science Degree, Art Education Major

The major in Art Education (Pre-K–12th grade) provides preparation for teaching art in kindergarten through grade twelve or in adult education. It focuses on developing and nurturing creative abilities. Academic and education courses complement the art component of the program which is approved for certification. It features extensive lab experience, fulfillment of a sophomore platform and an exhibition in the senior year. This program requires 54 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Sc 200	Essential Science	3	Bi 109	New Testament Messages	1
Hi 101	History of Civilization	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Ar 125	Human Anatomy	2
Ar 121	Drawing/Structural Representation I	2	Ar 207	Three-Dimensional Foundations	2
Ar 130	Foundations I	2	Ed 100	Introduction to Education	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		Mathematics for Education Majors ¹	3
	TOTAL	18		TOTAL	18

Second Year

SSE 200	Foundations of Economics	3	GrD 240	Design Technology I	2
Bi 230	Hermeneutics	2	Ar 202	Foundations III	2
Ar 201	Foundations II	2	Ar 232	Fiber Arts	2
Ar 204	Basic Painting	2	Ar 311	History of Art	3
Ar 220	Ceramics I	2	Com 205	Classroom Communication	3
Ar 310	History of Art	3		English Literature or Writing Elec	3
Ps 201	Educational Psychology	3		Sophomore Bible Elective ²	1
	TOTAL	17		TOTAL	16

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ar 203	Calligraphy	2
GrD 304	Design Technology II	3	Ar 406	Printmaking: Intaglio & Relief	2
Ar 401	Directed Studies I	2	Ar 420	Watercolor I	2
Ed 300	Foundations in Instructional Tech	2	Ed 301	Technology in the Classroom	2
	Art History Elective ³	3	SE 303	Teaching School Art Practicum ⁴	3
	TOTAL	16		Teaching Techniques (Pre K-6 or 5-12)	1
				TOTAL	18

Fourth Year

Bi 499	Apologetics and Worldview	3	Bi 500	Teaching Bible Principles.	2
Ar 402	Directed Studies II	2		<i>Assessment (Pre-K–6 or 5–12)</i> ⁶	2
Ps 305	<i>Introduction to Exceptional Learners</i>	3		<i>Classroom Management</i> ⁷	2
	<i>Adolescent or Child Psychology</i> ⁸	3		<i>Directed Teaching</i> ⁹	9
	Art History Elective ³	3		TOTAL	15
	Book Arts or Printmaking ¹⁰	2			
	Ceramics II or Adv Painting I ¹¹	2			
	TOTAL	18			

¹ Placement to be determined by math ACT score.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken from the following courses: Ar 503 Seminar in Contemporary Art, GrD 530 History of Graphic Design and ID 109 History of Interior Design.

⁴ Students choose from the following courses depending on grade levels of interest: EC 331 Practicum Pre-K–3, EE 331 Practicum: Grades 2–6, MSE 331 Practicum: Grades 5-8 and SE 331 Practicum: Grades 9–12.

⁵ One hour must be taken from the following courses: EE 401 Teaching Techniques (Pre-K–6) and SE 401 Teaching Techniques (9–12).

⁶ Students choose from the following courses depending on grade levels of interest: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

⁷ Two hours must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

⁸ Ps 300 Child Psychology and Ps 302 Adolescent Psychology.

⁹ Students choose from the following courses depending on grade levels of interest: EC 499 Directed Teaching, EE 499 Directed Teaching, MSE 499 Directed Teaching and SE 499 Directed Teaching.

¹⁰ Two hours must be taken from the following courses: Ar 231 Book Arts and Ar 405 Printmaking: Lithography & Serigraphy.

¹¹ Two hours must be taken from the following courses: Ar 221 Ceramics II and Ar 315 Advanced Painting I.

- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.
- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.
- During the last year in residence, the student will do Directed Teaching one semester and present an exhibit of his works as part of a two-man exhibition during the other semester.
- 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.

Department of English Education

LESA MARIE SEIBERT, EdD, *Department Head*

The Department offers a major in English Education. Courses for the major are offered in the Department of English from the Division of English Language and Literature of the College of Arts and Science.

Bachelor of Science Degree, English Education Major

The major in English Education (9th–12th grade) provides preparation for teaching English language and literature in high school. In addition to specialized classes in English content (grammar, writing, speech and literature), it offers instruction in psychology and pedagogy, enabling the student to have a working knowledge of the three aspects of teaching: content, students and communication of the content to the students. This program requires 39 hours in the major.

First Year

Uni 101	Freshman Seminar.	1	En 103	Composition & Literature.	3
En 102	Composition & Rhetoric ¹	3	Hi 102	History of Civilization.	3
Sc 200	Essential Science.	3	Bi 109	New Testament Messages	1
Hi 101	History of Civilization.	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages.	1	Com 205	Classroom Communication	3
Com 101	Fundamentals of Speech.	3	PW 211	Expository Writing.	3
	Mathematics for Education Majors ²	3	Ed 100	<i>Introduction to Education</i>	3
	TOTAL	17		TOTAL	17

Second Year

En 204	American Literature	3	En 202	British Literature	3
PSt 101	Fundamentals of Performance Studies	3	Bi 230	Hermeneutics	2
Ed 300	<i>Foundations in Instructional Tech</i>	2	Com 322	Teaching Speech and Drama	3
SE 380	<i>Teaching Writing</i>	3	Ed 301	<i>Technology in the Classroom</i>	2
Ps 201	<i>Educational Psychology</i>	3	SE 342	<i>Teaching Reading: Content Areas</i>	3
	Fine Arts Appreciation Elective ³	2	Ps 305	<i>Introduction to Exceptional Learners</i>	3
	Sophomore Bible Elective ⁴	1		TOTAL	16
	TOTAL	17			

Third Year

En 203	British Literature	3	En 508	History of the English Language	3
En 300	Literary Criticism	3	Bi 402	Bible Doctrines	3
En 509	Structure of Modern English	3	SE 315	<i>Teaching English (9–12)</i>	3
Bi 401	Bible Doctrines	3	SE 331	<i>Practicum: Grades 9–12</i>	3
SE 502	<i>Teaching Adolescent Literature</i>	3	SE 401	<i>Teaching Techniques (9–12)</i>	1
	TOTAL	15	SE 515	Teaching Multicultural Literature	3
				TOTAL	16

Fourth Year

Bi 500	Teaching Bible Principles	2	Ph 200	Themes in Western Thought	3
Ed 563	<i>Assessment (5–12)</i>	2	SSE 200	Foundations of Economics	3
SE 499	<i>Directed Teaching</i>	9	Bi 499	Apologetics and Worldview	3
SE 550	<i>Classroom Management</i>	2	Ps 302	<i>Adolescent Psychology</i>	3
	TOTAL	15		Shakespeare Elective ⁵	3
				TOTAL	15

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¹ Students who do not place out of En 101 must begin their English sequence with En 101 Composition & Grammar.

² Placement to be determined by math ACT score.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Three hours must be taken from the following courses: En 511 Shakespeare: Early Plays and En 512 Shakespeare: Late Plays.

· During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

· During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Department of Modern Language Education

BRUCE ALAN BYERS, PhD, Department Head

The Department offers a major in Spanish Education. Courses for the major are offered in the Department of Modern Languages from the Division of Foreign Language and Literature of the College of Arts and Science.

Bachelor of Science Degree, Spanish Education Major

The major in Spanish Education (Pre-K–12th grade) provides preparation for teaching Spanish. It offers instruction in vocabulary, grammar, selected literature and culture of the target language and nations; and it develops competence in listening, speaking, reading and writing the foreign language. Classroom instruction is complemented by language lab experience and copious reading materials. This program requires 36 hours in the major. Students are strongly encouraged to participate in Spanish-speaking communities, whether locally, through the Spanish mission team or through the studies abroad Spanish courses.

First Year

Uni 101	Freshman Seminar	1	MLS 241	Intermediate Spanish I	3
MLS 142	Elementary Spanish II ¹	3	Hi 102	History of Civilization	3
Sc 200	Essential Science	3	Bi 109	New Testament Messages	1
Hi 101	History of Civilization	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Ed 100	<i>Introduction to Education</i>	3
Com 101	Fundamentals of Speech	3		English Composition	3
	English Composition	3		Mathematics for Education Majors ²	3
	TOTAL	17		TOTAL	17

Second Year

Li 301	Descriptive Linguistics	3	Ph 200	Themes in Western Thought	3
MLS 242	Intermediate Spanish II	3	MLS 342	Spanish Conversation	3
Bi 230	Hermeneutics	2	Com 205	Classroom Communication	3
	<i>Adolescent or Child Psychology</i>	3	Ps 201	<i>Educational Psychology</i>	3
	English Literature or Writing Elec.	3		Sophomore Bible Elective ³	1
	Spanish Elective for Spanish Major	3		Spanish Elective for Spanish Major	3
	TOTAL	17		TOTAL	16

Third Year

MLS 341	Spanish Composition	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ed 301	<i>Technology in the Classroom</i>	2
Ed 300	<i>Foundations in Instructional Tech</i>	2	SE 316	<i>Teaching Foreign Language (Pre-K–12)</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3		MLS 441 or MLS 442	3
	Spanish Civilization Elective ⁴	3		Practicum ⁵	3
	Spanish Literature Elective ⁶	3		Teaching Techniques ⁷	1
	TOTAL	17		TOTAL	15

Fourth Year

MLS 479	Spanish Seminar ⁸	1	Bi 500	Teaching Bible Principles	2
SSE 200	Foundations of Economics	3		<i>Assessment (Pre-K–6 or 5–12)</i> ⁹	2
Bi 499	Apologetics and Worldview	3		<i>Classroom Management</i> ¹⁰	2
	Fine Arts Appreciation Elective ¹¹	2		<i>Directed Teaching</i> ¹²	9
	Spanish Elective for Spanish Major	3		TOTAL	15
	Spanish Elective for Spanish Major	3			
	TOTAL	15			

¹ No credit toward a Spanish Education major will be given for MLS 141 Elementary Spanish I. Students who test out of MLS 142 Elementary Spanish II will substitute a Spanish elective for this requirement.

² Placement to be determined by math ACT score.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Three hours must be taken from the following courses: MLS 343 Civilization of Latin America and MLS 344 Civilization of Spain.

⁵ Students choose from the following courses depending on grade levels of interest: EC 331 Practicum Pre-K–3, EE 331 Practicum: Grades 2–6, MSE 331 Practicum: Grades 5–8 and SE 331 Practicum: Grades 9–12.

⁶ Three hours must be taken from the following courses: MLS 346 Survey of Spanish Literature, MLS 446 Golden Age Spanish Literature, MLS 447 Spanish-American Literature, MLS 448 Spanish-American Literature and MLS 449 Twentieth Cent Spanish-American Fict.

⁷ Students choose from the following courses depending on the grade levels of interest: EE 401 Teaching Techniques (Pre-K–6), MSE 401 Teaching Techniques (5–8) and SE 401 Teaching Techniques (9–12).

⁸ Students must take the Oral Proficiency Interview examination in partial fulfillment of the requirements for this course.

⁹ Students choose from the following courses depending on grade levels of interest: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

¹⁰ Two hours must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

¹¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

¹² Students choose from the following courses: EC 499 Directed Teaching, EE 499 Directed Teaching, MSE 499 Directed Teaching and SE 499 Directed Teaching.

• During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

• During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Department of Mathematics Education

KATHY DIANE PILGER, EdD, Department Head

The Department offers a major in Mathematics Education. Courses for the major are offered in the Department of Mathematics from the Division of Mathematical Science of the College of Arts and Science.

Bachelor of Science Degree, Mathematics Education Major

The major in Mathematics Education (9th–12th grade) provides preparation for teaching mathematics on the high school level. General and professional education courses produce mathematics teachers that are well rounded, competent, pedagogically skilled and dedicated to their profession. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Ma 105	Transcendental Functions ¹	3	Ma 150	Intro to Mathematical Reasoning ²	3
Hi 101	History of Civilization	3	Ma 200	Calculus I	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
	English Composition	3	Ed 100	<i>Introduction to Education</i>	3
	TOTAL	14		English Composition	3
				TOTAL	17

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Second Year

Ma 201	Calculus II	3	Ph 200	Themes in Western Thought	3
Ma 300	Elementary Linear Algebra	3	Ma 211	Theory of Geometry	3
Bi 230	Hermeneutics	2	Ma 301	Calculus III	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	CpS 109	Introduction to Computer Programming	3
Ps 201	<i>Educational Psychology</i>	3	Com 205	Classroom Communication	3
	English Literature or Writing Elec.	3	Ed 301	<i>Technology in the Classroom</i>	2
	TOTAL	16		Sophomore Bible Elective ³	1
				TOTAL	16

Third Year

Ma 302	Calculus IV	3	Ma 303	Discrete Math	3
Ma 507	Modern Geometry	3	Ma 502	Abstract Algebra	3
Hi 102	History of Civilization	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	SE 319	<i>Teaching Mathematics (9–12)</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	SE 331	<i>Practicum: Grades 9–12</i>	3
	Fine Arts Appreciation Elective ⁴	2	SE 401	<i>Teaching Techniques (9–12)</i>	1
	TOTAL	17		TOTAL	16

Fourth Year

Ma 504	Probability & Statistics I	3	Bi 500	Teaching Bible Principles	2
SSE 200	Foundations of Economics	3	Ed 563	<i>Assessment (5–12)</i>	2
Bi 499	Apologetics and Worldview	3	SE 499	<i>Directed Teaching</i>	9
Ps 302	<i>Adolescent Psychology</i>	3	SE 550	<i>Classroom Management</i>	2
	Mathematics Elective	3		TOTAL	15
	TOTAL	15			

¹ First mathematics course placement is by math ACT score or by Mathematics Placement Test.

² Ma 150 may be waived by passing the Math Reasoning Placement Test.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

· During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

· During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Department of Music Education

MICHAEL WILLIAM MOORE, PhD, *Department Head*

The Department offers a major in Music Education with a principal in voice, keyboard, or orchestral instrument. Courses are offered in this department for students who must complete the requirement for a music teacher education major. Courses for the principal are offered in these various departments from the Division of Music of the School of Fine Arts and Communication.

Bachelor of Science Degree, Music Education Major

The major in Music Education (Pre-K–12th grade) provides preparation for teaching music on all levels from kindergarten to high school. Students may choose voice, keyboard or one of the standard orchestral instruments. It emphasizes understanding and development of talents and skills for the ultimate goal of glorifying God. It offers subject matter and education courses, features lab experience and practice, requires a platform test and two public recitals, and leads to South Carolina state certification. Depending on the principal selected, the major component comprises 59-63 hours of required music and music-related courses.

Instrumental Studies principals include: violin, viola, cello, double bass, harp, flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, trombone, euphonium, tuba or percussion.

Keyboard Studies principals include piano or organ.

Music education majors must hold membership in a large music ensemble each semester (except for the semester they are enrolled in Directed Teaching). In addition, students may be required to hold membership in a small ensemble as determined by their departments.

(Instrumental Studies Principal)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	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	Ps 201	<i>Educational Psychology</i>	3
ME 101	Introduction to Music Education	2		English Composition	3
	English Composition	3		Freshman Instrument	1
	Freshman Instrument	1		Instrument Class Elective ¹	1
	Secondary Piano ²	1		Secondary Piano ²	1
	TOTAL	18		TOTAL	18

Second Year

Sc 105	Physical Science	4	Sc 103	Biological Science	4
Hi 101	History of Civilization	3	MT 206	Theory IV	4
Bi 230	Hermeneutics	2	ME 201	Intro to Tech in Music Ed	2
MT 205	Theory III	4		English Literature or Writing Elec	3
ME 307	Elementary School Music	2		Instrument Class Elective ¹	1
	Instrument Class Elective ¹	1		Secondary Piano ²	1
	Secondary Piano ²	1		Sophomore Bible Elective ³	1
	Sophomore Instrument	1		Sophomore Instrument	1
	TOTAL	18		TOTAL	17

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Ar 225	Appreciation of Art	2
MT 301	Elements of Conducting	1	Mu 304	History of Music II	2
MT 504	Orchestration	2	MT 303	Instrumental Conducting	2
Com 205	Classroom Communication	3	ME 308	Secondary School Music	2
ME 202	Notation in Music Technology I	2		Instrument Class Elective ¹	1
ME 401	Band Director Methods	2		Junior Instrument	1
	Instrument Class Elective ¹	1		<i>Practicum</i> ⁴	3
	Junior Instrument	1		<i>Teaching Techniques (Pre-K–6 or 9–12)</i> ⁵	1
	TOTAL	17		TOTAL	17

Fourth Year

Bi 499	Apologetics and Worldview	3	Bi 500	Teaching Bible Principles.	2
Mu 305	History of Music III.	3		<i>Assessment (Pre-K–6 or 5–12)</i> ⁶	2
ME 301	Voice Methods for Choral Directors.	2		<i>Classroom Management</i> ⁷	2
ME 522	<i>Music for Exceptional Learners.</i>	2		<i>Directed Teaching</i> ⁸	9
	Adolescent or Child Psychology.	3		TOTAL	15
	Fund Economics/Themes Western Thought ⁹	3			
	Senior Instrument	2			
	TOTAL	18			

¹ Five hours of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 Snare & Bass Drum Class, ME 218 Timpani & Mallet Class, ME 219 Guitar Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

² 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 hours with music electives.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Students choose from the following courses depending on grade levels of interest: EC 331 Practicum Pre-K–3, EE 331 Practicum: Grades 2–6, MSE 311 Practicum: Grades 5–8 and SE 331 Practicum: Grades 9–12.

144 ⁵ One hour must be taken from the following courses: EE 401 Teaching Techniques (Pre-K-6) and SE 401 Teaching Techniques (9–12).

⁶ Two hours must be taken from the following courses: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).

⁷ Two hours must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

⁸ Students choose from the following courses depending on grade levels of interest: EC 499 Directed Teaching, EE 499 Directed Teaching, MSE 499 Directed Teaching and SE 499 Directed Teaching.

⁹ Three hours must be selected from the following courses: Ph 200 Themes in Western Thought and SSE 200 Foundations of Economics.

· During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

· During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

(Keyboard Studies Principal with Instrumental Track)

First Year

Uni 101	Freshman Seminar.	1	Hi 102	History of Civilization.	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	ME 101	Introduction to Music Education	2
	Applied Secondary Instrument ¹	1		Applied Secondary Instrument ¹	1
	English Composition.	3		English Composition	3
	Freshman Keyboard Principal Instruct.	1		Freshman Keyboard Principal Instruct.	1
	TOTAL	16		Instrument Class Elective ²	1
				TOTAL	17

Second Year

Sc 105	Physical Science	4	Sc 103	Biological Science.	4
Hi 101	History of Civilization.	3	MT 206	Theory IV.	4
Bi 230	Hermeneutics.	2	ME 201	Intro to Tech in Music Ed.	2
MT 205	Theory III.	4	ME 307	Elementary School Music	2
Ps 201	<i>Educational Psychology</i>	3		English Literature or Writing Elec	3
	Instrument Class Elective ²	1		Instrument Class Elective ²	1
	Sophomore Keyboard Principal Instruct.	1		Sophomore Bible Elective ³	1
	TOTAL	18		Sophomore Keyboard Principal Instruct.	1
				TOTAL	18

Third Year

Bi 401	Bible Doctrines.....	3	Bi 402	Bible Doctrines.....	3
Mu 303	History of Music I	2	Ar 225	Appreciation of Art.....	2
MT 301	Elements of Conducting	1	Mu 304	History of Music II	2
MT 504	Orchestration	2	MT 303	Instrumental Conducting	2
ME 202	Notation in Music Technology I	2	Com 205	Classroom Communication.....	3
ME 308	Secondary School Music	2		Instrument Class Elective ²	1
	Instrument Class Elective ²	1		Junior Keyboard Principal Instruct	1
	Junior Keyboard Principal Instruct	1		Practicum ⁴	3
	Keyboard Pedagogy Elective ⁵	2		Teaching Techniques (Pre-K–6 or 9–12) ⁶	1
	TOTAL	16		TOTAL	18

Fourth Year

Bi 499	Apologetics and Worldview.....	3	Bi 500	Teaching Bible Principles.....	2
Mu 305	History of Music III	3		Assessment (Pre-K–6 or 5–12) ⁷	2
ME 301	Voice Methods for Choral Directors	2		Classroom Management ⁸	2
ME 522	<i>Music for Exceptional Learners</i>	2		Directed Teaching ⁹	9
	<i>Adolescent or Child Psychology</i>	3		TOTAL	15
	<i>Fund Economics/Themes Western Thought</i> ¹⁰	3			
	Senior Keyboard Principal Instruct	2			
	TOTAL	18			

- ¹ Keyboard Studies principals with instrumental track shall elect a secondary instrument. Two hours must be taken in the same instrument.
- ² Five hours of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 Snare & Bass Drum Class, ME 218 Timpani & Mallet Class, ME 219 Guitar Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.
- ³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
- ⁴ Students choose from the following courses depending on grade levels of interest: EC 331 Practicum Pre-K–3, EE 331 Practicum: Grades 2–6, MSE 331 Practicum: Grades 5–8 and SE 331 Practicum: Grades 9–12.
- ⁵ Students choose from the following courses depending on their keyboard principal: Or 502 Organ Pedagogy, PpD 501 Piano Pedagogy and PpD 502 Piano Pedagogy.
- ⁶ One hour must be taken from the following courses: EE 401 Teaching Techniques (Pre-K–6) and SE 401 Teaching Techniques (9–12).
- ⁷ Two hours must be taken from the following courses: Ed 562 Assessment (Pre-K–6) and Ed 563 Assessment (5–12).
- ⁸ Two hours must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.
- ⁹ Students choose from the following courses depending on grade levels of interest: EC 499 Directed Teaching, EE 499 Directed Teaching, MSE 499 Directed Teaching and SE 499 Directed Teaching.
- ¹⁰ Three hours must be selected from the following courses: Ph 200 Themes in Western Thought and SSE 200 Foundations of Economics.
 - During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.
 - During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

(Keyboard Studies Principal with Vocal/Choral Track)

First Year

Uni 101	Freshman Seminar.....	1	Sc 103	Biological Science.....	4
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
ME 101	Introduction to Music Education	2	MT 106	Theory II	4
	English Composition.....	3		English Composition.....	3
	Freshman Keyboard Principal Instruct	1		Freshman Keyboard Principal Instruct	1
	Voice	1		Instrument Class Elective ¹	1
	TOTAL	16		Voice	1
				TOTAL	18

Second Year

Sc 105	Physical Science	4	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Ar 225	Appreciation of Art	2
Bi 230	Hermeneutics	2	MT 206	Theory IV	4
MT 205	Theory III	4	ME 201	Intro to Tech in Music Ed	2
Ps 201	<i>Educational Psychology</i>	3	ME 219	Guitar Class	1
	Instrument Class Elective ¹	1	ME 307	Elementary School Music	2
	Sophomore Keyboard Principal Instruc	1		English Literature or Writing Elec	3
	TOTAL	18		Sophomore Bible Elective ²	1
				TOTAL	18

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Mu 303	History of Music I	2	Mu 304	History of Music II	2
MT 301	Elements of Conducting	1	MT 302	Choral Conducting	2
MT 502	Choral Composition	2	ME 308	Secondary School Music	2
Com 205	Classroom Communication	3	ME 402	Choral Director Methods	2
ME 202	Notation in Music Technology I	2		Instrument Class Elective ¹	1
	Instrument Class Elective ¹	1		Junior Keyboard Principal Instruct	1
	Junior Keyboard Principal Instruct	1		<i>Practicum</i> ³	3
	Keyboard Pedagogy Elective ⁴	2		<i>Teaching Techniques(Pre-K-6 or 9-12)</i> ⁵	1
	TOTAL	17		TOTAL	17

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Bi 499	Apologetics and Worldview	3	Bi 500	Teaching Bible Principles	2
Mu 305	History of Music III	3		<i>Assessment (Pre-K-6 or 5-12)</i> ⁶	2
ME 301	Voice Methods for Choral Directors	2		<i>Classroom Management</i> ⁷	2
ME 522	<i>Music for Exceptional Learners</i>	2		<i>Directed Teaching</i> ⁸	9
	Adolescent or Child Psychology	3		TOTAL	15
	Fund Economics/Themes Western Thought ⁹	3			
	Senior Keyboard Principal Instruct	2			
	TOTAL	18			

¹ Five hours of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 Snare & Bass Drum Class, ME 218 Timpani & Mallet Class, ME 219 Guitar Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Students choose from the following courses depending on grade levels of interest: EC 331 Practicum Pre-K-3, EE 331 Practicum: Grades 2-6, MSE 331 Practicum: Grades 5-8 and SE 331 Practicum: Grades 9-12.

⁴ Two to three hours must be taken from the following courses: Or 502 Organ Pedagogy, PPd 501 Piano Pedagogy and PPd 502 Piano Pedagogy. One hour must be taken from the following courses: EE 401 Teaching Techniques (Pre-K-6) and SE 401 Teaching Techniques (9-12).

⁶ Two hours must be taken from the following courses: Ed 562 Assessment (Pre-K-6) and Ed 563 Assessment (5-12).

⁷ Two hours must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

⁸ Students choose from the following courses depending on grade levels of interest: EC 499 Directed Teaching, EE 499 Directed Teaching, MSE 499 Directed Teaching and SE 499 Directed Teaching.

⁹ Three hours must be selected from the following courses: Ph 200 Themes in Western Thought and SSE 200 Foundations of Economics.

• During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

• During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

(Vocal/Choral Studies Principal)

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	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	Ps 201	<i>Educational Psychology</i>	3
ME 101	Introduction to Music Education	2		English Composition	3
	English Composition	3		Freshman Voice	1
	Freshman Voice	1		Instrument Class Elective	1
	Secondary Piano ²	1		Secondary Piano ²	1
	TOTAL	18		TOTAL	18

Second Year

Sc 105	Physical Science	4	Sc 103	Biological Science	4
Hi 101	History of Civilization	3	MT 206	Theory IV	4
Bi 230	Hermeneutics	2	ME 219	Guitar Class	2
MT 205	Theory III	4	ME 307	Elementary School Music	2
ME 201	Intro to Tech in Music Ed	2		English Literature or Writing Elec	3
	Instrument Class Elective ¹	1		Instrument Class Elective ¹	1
	Secondary Piano ²	1		Secondary Piano ²	1
	Sophomore Voice	1		Sophomore Bible Elective ³	1
	TOTAL	18		Sophomore Voice	1
				TOTAL	18

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ar 225	Appreciation of Art	2	Mu 304	History of Music II	2
Mu 303	History of Music I	2	MT 302	Choral Conducting	2
MT 301	Elements of Conducting	1	Com 205	Classroom Communication	3
MT 502	Choral Composition	2	ME 402	Choral Director Methods	2
ME 202	Notation in Music Technology I	2		Junior Voice	1
ME 308	Secondary School Music	2		<i>Practicum</i> ⁴	3
	Instrument Class Elective ¹	1		Teaching Techniques(Pre-K-6 or 9-12) ⁵	1
	Junior Voice	1		TOTAL	17
	Voice Pedagogy Elective ⁶	2			
	TOTAL	18			

Fourth Year

Bi 499	Apologetics and Worldview	3	Bi 500	Teaching Bible Principles	2
Mu 305	History of Music III	3		<i>Assessment (Pre-K-6 or 5-12)</i> ⁷	2
ME 301	Voice Methods for Choral Directors	2		<i>Classroom Management</i> ⁸	2
ME 522	<i>Music for Exceptional Learners</i>	2		<i>Directed Teaching</i> ⁹	9
	<i>Adolescent or Child Psychology</i>	3		TOTAL	15
	Fund Economics/Themes Western Thought ¹⁰	3			
	Senior Voice	2			
	TOTAL	18			

¹ Five hours of class instruction must be taken on the various orchestral instruments and the corresponding corequisite of Lab Orchestra or Lab Band. Only one instrument class may be taken per semester from the following courses: 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 Snare & Bass Drum Class, ME 218 Timpani & Mallet Class, ME 219 Guitar Class, ME 312 Double Reed Class, ME 313 Saxophone Class, ME 314 Euphonium/Tuba Class and ME 315 Horn Class.

² 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 hours with music electives.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Students choose from the following courses depending on grade levels of interest: EC 331 Practicum Pre-K-3, EE 331 Practicum: Grades 2-6, MSE 331 Practicum: Grades 5-8 and SE 331 Practicum: Grades 9-12.

⁵ One hour must be taken from the following courses: EE 401 Teaching Techniques (Pre-K-6) and SE 401 Teaching Techniques (9-12).

⁶ Two hours must be taken from the following courses: ME 301 Voice Methods for Choral Directors, Vo 501 Voice Pedagogy I and Vo 502 Voice Pedagogy II.

⁷ Two hours must be taken from the following courses: Ed 562 Assessment (Pre-K-6) and Ed 563 Assessment (5-12).

⁸ Two hours must be taken from the following courses: EE 550 Classroom Management, MSE 550 Classroom Management and SE 550 Classroom Management.

⁹ Students choose from the following courses depending on grade levels of interest: EC 499 Directed Teaching, EE 499 Directed Teaching, MSE 499 Directed Teaching and SE 499 Directed Teaching.

¹⁰ Three hours must be selected from the following courses: Ph 200 Themes in Western Thought and SSE 200 Foundations of Economics.

- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.
- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

Department of Science Education

BRENDA SUE BALL, EdD, Department Head

The Department offers majors in Biology Education and Composite Science Education. Courses for the majors are offered in the various departments from the Division of Natural Science of the College of Arts and Science.

Bachelor of Science Degree, Biology Education Major

The major in Biology Education (9th–12th grade) provides preparation for teaching life science in high school. It focuses on study of organisms on various levels and explores their interactions with one another and with their environment. This program requires 44 hours in the major.

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First Year

Uni 101	Freshman Seminar	1	Bio 101	General Biology II	4
Bio 100	General Biology I	4	Ma 210	Elementary Statistics	3
Bi 105	Old Testament Messages	1	Hi 102	History of Civilization	3
Com 101	Fundamentals of Speech	3	Bi 109	New Testament Messages	1
Ed 100	<i>Introduction to Education</i>	3	FA 125	Introduction to the Arts	1
	English Composition	3	Com 205	Classroom Communication	3
	TOTAL	15		English Composition	3
				TOTAL	18

Second Year

Ph 200	Themes in Western Thought	3	Bio 209	Organismal Biology II	4
Bio 208	Organismal Biology I	4	Chm 104	General Chemistry II	4
Chm 103	General Chemistry I	4	Bi 230	Hermeneutics	2
Hi 101	History of Civilization	3	Ps 302	<i>Adolescent Psychology</i>	3
Ps 201	<i>Educational Psychology</i>	3		English Literature or Writing Elec	3
	Sophomore Bible Elective ¹	1		TOTAL	16
	TOTAL	18			

Third Year

Bio 202	Essentials of Cell Biology	4	Bio 210	Research Methods & Analysis	1
Bio 300	Evolution and Origins	3	Bio 303	Human Anatomy & Physiology I	4
SSS 305	Science: Impact on Society	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	Ed 301	<i>Technology in the Classroom</i>	2
Ed 300	<i>Foundations in Instructional Tech</i>	2	SE 321	<i>Teaching Natural Science (9–12)</i>	3
Ps 305	<i>Introduction to Exceptional Learners</i>	3	SE 331	<i>Practicum: Grades 9–12</i>	3
	TOTAL	18	SE 401	<i>Teaching Techniques (9–12)</i>	1
				TOTAL	17

Fourth Year

Bi 500	Teaching Bible Principles	2	Bio 215	Biology of Vascular Plants	4
Ed 563	<i>Assessment (5–12)</i>	2	Bio 322	Bacteriology & Virology	4
SE 499	<i>Directed Teaching</i>	9	SSE 200	Foundations of Economics	3
SE 550	<i>Classroom Management</i>	2	Bi 499	Apologetics and Worldview	3
	TOTAL	15		Fine Arts Appreciation Elective ²	2
				TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.
- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Bachelor of Science Degree, Composite Science Education Major

The major in Composite Science Education (9th–12th grade) provides preparation for teaching natural science in high school. It combines the study of biology, chemistry, physics, astronomy and geology in classroom instruction and extensive lab experience. While offering scientific refutation of the theory of evolution, our program postulates divine creation. The major component comprises 47 hours of science courses.

First Year

Uni 101	Freshman Seminar	1	Sc 207	General Geology	3
Bio 100	General Biology I	4	Bio 101	General Biology II	4
Hi 101	History of Civilization	3	Ma 210	Elementary Statistics	3
Bi 105	Old Testament Messages	1	Hi 102	History of Civilization	3
Com 101	Fundamentals of Speech	3	Bi 109	New Testament Messages	1
Ed 100	<i>Introduction to Education</i>	3	FA 125	Introduction to the Arts	1
	English Composition	3		English Composition	3
	TOTAL	18		TOTAL	18

Second Year

Ph 200	Themes in Western Thought	3	Chm 104	General Chemistry II	4
Bio 300	Evolution and Origins	3	Phy 102	Intermediate Physics	5
Chm 103	General Chemistry I	4	Bi 230	Hermeneutics	2
Phy 101	Introductory Physics	4	Ps 201	<i>Educational Psychology</i>	3
Com 205	Classroom Communication	3		English Literature or Writing Elec	3
	Sophomore Bible Elective ¹	1		TOTAL	17
	TOTAL	18			

Third Year

SSE 200	Foundations of Economics	3	Bio 210	Research Methods & Analysis	1
SSS 305	Science: Impact on Society	3	Chm 106	Bio-Organic Chemistry I	4
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	Ed 301	<i>Technology in the Classroom</i>	2
	Biology/Chemistry Elective	4	SE 321	<i>Teaching Natural Science (9–12)</i>	3
	Fine Arts Appreciation Elective ²	2	SE 331	<i>Practicum: Grades 9–12</i>	3
	TOTAL	17	SE 401	<i>Teaching Techniques (9–12)</i>	1
				TOTAL	17

Fourth Year

Bi 500	Teaching Bible Principles	2	Bio 203	Biological Diversity	4
Ed 563	<i>Assessment (5–12)</i>	2	Bi 499	Apologetics and Worldview	3
SE 499	<i>Directed Teaching</i>	9	Ps 302	<i>Adolescent Psychology</i>	3
SE 550	<i>Classroom Management</i>	2	Ps 305	<i>Introduction to Exceptional Learners</i>	3
	TOTAL	15		Astronomy Elective ³	3
				TOTAL	16

¹ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Three hours must be taken from the following courses: As 250 Solar System Astronomy and As 251 Stellar & Galactic Astronomy.

- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.
- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.

Department of Social Studies Education

DOUGLAS CARL ABRAMS, PhD, *Department Head*

The Department offers a major in Composite Social Studies Education. Courses for the major are offered in the various departments from the Division of Social Science of the College of Arts and Science.

Bachelor of Science Degree, Composite Social Studies Education Major

The major in Composite Social Studies Education (9th–12th grade) provides preparation for teaching social studies in high school. It offers a combination of selected courses in history, political science, economics and geography through classroom instruction and projects. It also promotes the qualities of good leadership, citizenship and communication in the classroom, at home and in the community. The required major component comprises 54 hours.

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
SSG 200	Fundamentals of Geography	3	SSP 207	National Government	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	<i>Introduction to Education</i>	3		English Composition	3
	English Composition	3		Mathematics ¹	3
	TOTAL	17		TOTAL	17

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Second Year

Hi 201	United States History	3	Ph 200	Themes in Western Thought	3
SSE 200	Foundations of Economics	3	Hi 202	United States History	3
Bi 230	Hermeneutics	2	Com 205	Classroom Communication	3
	English Literature or Writing Elec.	3	Ps 201	<i>Educational Psychology</i>	3
	Social Studies Elective	3		Social Studies Elective	3
	Social Studies Elective	3		Sophomore Bible Elective ²	1
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ed 300	<i>Foundations in Instructional Tech</i>	2	Ed 301	<i>Technology in the Classroom</i>	2
	History Elective ³	3	SE 317	<i>Teaching Social Studies (9–12)</i>	3
	History Elective ³	3	SE 331	<i>Practicum: Grades 9–12</i>	3
	Social Studies Elective	3	SE 401	<i>Teaching Techniques (9–12)</i>	1
	SSS 202 or SSS 504	3		History Elective ⁴	3
	TOTAL	17		Social Studies Elective	3
				TOTAL	18

Fourth Year

Bi 500	Teaching Bible Principles	2	Bi 499	Apologetics and Worldview	3
Ed 563	<i>Assessment (5–12)</i>	2	Ps 302	<i>Adolescent Psychology</i>	3
SE 499	<i>Directed Teaching</i>	9	Ps 305	<i>Introduction to Exceptional Learners</i>	3
SE 550	<i>Classroom Management</i>	2		Fine Arts Appreciation Elective ⁵	2
	TOTAL	15		History Elective ⁴	3
				TOTAL	17

¹ Placement to be determined by math ACT score.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ The following courses are recommended: Hi 431 History of Asia, Hi 432 History of Asia, Hi 442 History of Latin America, Hi 509 The Middle East and Hi 510 Africa.

⁴ The following courses are recommended: Hi 431 History of Asia, Hi 432 History of Asia, Hi 442 History of Latin America, Hi 509 The Middle East and Hi 510 Africa.

⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.
- During the semester of Directed Teaching, students will register for 6 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

Department of Special Education

MARLENE LOUISE REED, MS, *Department Head*

The Department offers a comprehensive major in Special Education. The coursework in this program is designed to meet Special Education/Multi-categorical certification requirements in South Carolina for teaching in public schools. This program is also available on a non-certification track for those who plan to teach in private schools where state certification/licensure is not required.

Bachelor of Science Degree, Special Education Major

The Special Education (Pre-K–12th Grade) major provides initial preparation in teaching students with mild to moderate disabilities in general and special education settings, including resource classrooms. Program coursework focuses on foundations and legal aspects of the profession, characteristics, learning/language differences, and identification of mildly-moderately disabled learners (primarily attention deficit/hyperactivity disorders, emotional disabilities, learning disabilities and mental disabilities), procedures for special education planning, teaching strategies, assessment, behavior management in learning environments, professional and ethical practices, and collaboration. The Special Education major requires 54 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Sc 105	Physical Science	4
Sc 103	Biological Science	4	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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	Com 205	Classroom Communication	3
Ed 100	Introduction to Education	3		English Composition	3
	English Composition	3		Fine Arts Appreciation Elective ¹	2
	TOTAL	18		TOTAL	17

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Second Year

Ph 200	Themes in Western Thought	3	Ma 110	Mathematics for Teachers	3
Ma 109	Mathematics for Teachers	3	Exc 206	Intro to Communicative Disorders	3
Bi 230	Hermeneutics	2	Exc 311	Characteristics: Emot. Disabilities	3
Exc 205	Introduction to Exceptional Learners	3	Exc 323	Educational Procedures: Mild Disab.	3
Ps 201	Educational Psychology	3	Exc 332	Practicum I: Special Education	2
	English Literature or Writing Elec.	3	Ps 300	Child Psychology	3
	TOTAL	17		Sophomore Bible Elective ²	1
				TOTAL	18

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ed 300	Foundations in Instructional Tech	2	Ed 301	Technology in the Classroom	2
Exc 322	Materials & Methods: Mild Disab.	3	EE 302	Teaching Reading	3
Exc 333	Practicum II: Special Education	2	Exc 312	Characteristics: Learn. Disabilities	3
Exc 359	Assessment in Special Education	3	Exc 334	Practicum III: Special Education	2
Exc 401	Language Disorders in Children	3	Exc 453	Behavior Management	3
	TOTAL	16		Teaching Techniques ³	1
				TOTAL	17

Fourth Year

SSE 200	Foundations of Economics	3	Bi 500	Teaching Bible Principles	2
Bi 499	Apologetics and Worldview	3	Exc 410	Family, Comm & Sch Collaboration	3
Exc 313	Characteristics: Mental Disabilities	3	Exc 499	Directed Teaching: Special Education	9
Exc 408	Prescriptive Reading Practicum	3		TOTAL	14
Exc 451	Teaching Math: Mild Disabilities	3			
	TOTAL	15			

¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ One hour must be taken from the following courses: EE 401 Teaching Techniques (Pre-K–6), MSE 401 Teaching Techniques (5–8) and SE 401 Teaching Techniques (9–12).

- During the third year, students will make application to do Directed Teaching during I or II Semester of the fourth year. The application must be submitted at least one academic year in advance of the semester intended for Directed Teaching.
- During the semester of Directed Teaching, students will register for 5 hours of coursework on a special two-week block schedule that will be followed by 13 weeks of Directed Teaching.

DIVISION OF PHYSICAL EDUCATION AND EXERCISE SCIENCE

DONALD CLEVELAND WARD, MEd, *Chairman*

The Division of Physical Education and Exercise Science of the School of Education offers a major in Health, Fitness and Recreation and minors in Coaching and Physical Education. Courses in the division are offered for students who desire knowledge and skills in health, physical education, fitness and recreation. Courses are also available as general electives.

Coaching Minor

The Coaching minor provides preparation for coaching in Christian 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 HPE 205, HPE 206, HPE 311, HPE 312, HPE 316, HPE 317, HPE 421 or 422 and 5 hours of electives with an HPE prefix.

Physical Education Minor

The Physical Education minor provides preparation for recreational activities for churches, camp ministry or work on the mission field.

A minor in Physical Education [only available for a *Bachelor of Arts in Practical Christian Training* degree] consists of HPE 104, HPE 206, HPE 207, HPE 316, HPE 317, HPE 410 or 411 and 8 hours of electives with an HPE prefix.

Recommended electives: HPE 301, HPE 302, HPE 303, HPE 313, HPE 319 and HPE 320.

Bachelor of Science Degree, Health, Fitness & Recreation Major

The Health, Fitness & Recreation major provides preparation for employment in non-teaching positions that involve health, fitness and recreation. It offers instruction and develops skills for work in the recreational aspect of a camping ministry, boys' and girls' clubs, fitness centers or employer-provided recreational facilities. This program requires 47 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
HPE 106	Personal & Community Health	2	Com 101	Fundamentals of Speech	3
HPE 205	History/Principles/Philosophy of PE	2	HPE 206	Org. & Admin. of PE & Sport	2
	English Composition	3	HPE 207	Recreational Leadership	2
	Mathematics or Computer Science	3		English Composition	3
	TOTAL	15		TOTAL	15

Second Year

Bio 102	Principles of Biology	4	Ph 200	Themes in Western Thought	3
SSE 200	Foundations of Economics	3	FN 260	Nutrition	3
Bi 230	Hermeneutics	2	HPE 208	Teaching Racquet Sports	1
HPE 211	Teaching Conditioning	1	HPE 210	Teaching Golf & Racquetball	1
Ps 203	Human Growth & Development	3	HPE 312	Treatment/Care of Athletic Injuries	1
	Coaching Elective ¹	2		Coaching Elective ¹	2
	English Literature or Writing Elec.	3		Fine Arts Appreciation Elective ²	2
	TOTAL	18		Sophomore Bible Elective ³	1
				Minor or Elective	1
				TOTAL	15

Third Year

Bi 401	Bible Doctrines	3	Bio 303	Human Anatomy & Physiology I	4
CMn 313	Principles of Leadership	1	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Professions	3	CMn 314	Principles of Leadership	1
HPE 311	First Responder	3	HPE 317	Coaching Practicum	1
HPE 316	Coaching Practicum	1	HPE 318	Outdoor Education	2
HPE 405	Teaching Health & Physical Education	3	HPE 403	Therapeutic Recreation	2
HPE 423	Motor Learning	2	Ps 305	Introduction to Exceptional Learners	3
	TOTAL	16		Officiating ⁴	1
				TOTAL	17

Fourth Year

HPE 406	Fitness Center Internship	1	Bi 499	Apologetics and Worldview	3
HPE 410	Camp Administration	2	CMn 302	Youth Work	2
HPE 421	Kinesiology	3	HPE 407	Fitness Center Internship	1
	HPE Elective ⁵	2	HPE 411	Camp Program	2
	Upper-Level Bible Elective ⁶	2	HPE 422	Physiology of Exercise	3
	Minor or Electives	6		HPE Elective ⁵	2
	TOTAL	16		Minor or Electives	3
				TOTAL	16

¹ Four hours must be taken from the following courses: HPE 301 Coaching Basketball, HPE 302 Coaching Baseball, HPE 303 Coaching Football, HPE 313 Coaching Soccer, HPE 319 Coaching Volleyball and HPE 320 Coaching Softball.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ One hour must be taken from the following courses: HPE 400 Officiating and HPE 401 Officiating.

⁵ Four hours must be taken with an HPE prefix.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

· HPE 412 Internship in Recreation is recommended during the summer between the third and fourth years.

· HPE 316 Coaching Practicum and HPE 317 Coaching Practicum are recommended during the junior year.

DIVISION OF PSYCHOLOGY

GREGORY JOSEPH MAZAK, PhD, *Chairman*

The Division of Psychology of the School of Education offers a major in Biblical Counseling and minors in Counseling and Psychology. The Counseling major and minor are not intended to prepare students for certification or licensure by any government or private credentialing agency. The Counseling minor is open to students in all schools except students with majors in the Division of Elementary and Secondary Education of the School of Education. The minor in psychology is open to students in all schools except the School of Religion.

The Division offers courses for students who must complete the general degree requirements in psychology and as general preparation for advanced study at the graduate level. Courses are also available as general electives.

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 for a *Bachelor of Science* degree consists of Ps 341, Ps 342, Ps 402, Ps 501 and 6 hours of electives with a Ps prefix.

Psychology Minor

The Psychology minor provides an introduction to the field of psychology and offers a biblical critique of it.

A minor in Psychology consists of Ps 200 and 15 hours of electives with a Ps prefix.

Note: Education majors will substitute the Ps 200 requirement with an elective with a Ps prefix.

Bachelor of Arts Degree, Biblical Counseling Major

The Biblical Counseling major provides preparation for service in Christian counseling and social work. It offers instruction in biblical counseling, philosophy, psychology, professional education and communication. The required equivalent of a Bible minor establishes the appropriate foundation and perspective for this program which also prepares students for graduate study in psychology or counseling. This program prescribes a 59 hour concentration in counseling/psychology and Bible.

First Year

Uni 101	Freshman Seminar	1	Sc 200	Essential Science	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
Ps 341	Fundamentals of Counseling	3	Ps 342	Practice of Counseling	3
	English Composition	3		English Composition	3
	Electives	2		Fine Arts Appreciation Elective ¹	2
	TOTAL	16		TOTAL	16

Second Year

SSE 200	Foundations of Economics	3	Ph 200	Themes in Western Thought	3
Bi 230	Hermeneutics	2	Bi 220	The Life & Ministry of Christ	1
Ps 200	General Psychology	3	Ps 201	Educational Psychology	3
	English Literature or Writing Elec	3	Ps 202	Experimental Psychology	3
	Foreign Language	3		Foreign Language	3
	Sophomore Bible Elective ²	1		Sophomore Bible Elective ²	1
	Electives	1		Electives	2
	TOTAL	16		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Com 410	Oral Communication for the Professions	3	Ps 402	Clinical Psychology	3
Ps 501	Abnormal Psychology	3		Foreign Language	3
	Adolescent or Child Psychology	3		Electives	7
	Foreign Language	3		TOTAL	16
	Electives	1			
	TOTAL	16			

Fourth Year

Ph 402	Ethics	3	Bi 350	Old Testament Poetry	2
Bi 310	Biblical Church Ministry	2	Bi 380	General Epistles	2
	Counseling Men or Counseling Women	3	Bi 430	Foundations For Biblical Lifestyle	2
	Science, Math or Comp Sci ³	3	Bi 499	Apologetics and Worldview	3
	Upper-Level Bible Elective	2	Ps 403	Social Psychology	3
	Electives	3	Ps 431	Biblical Family Foundations	3
	TOTAL	16		Electives	1
				TOTAL	16

¹ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

² Two hours must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Three hours must be taken in one of these subjects.

• Recommended Electives: CMn 204, CMn 302, CMn 304, CMn 313, or CMn 501. Women students may elect CMn 401 or CMn 402.

• Ps 411 Counseling Practicum is available upon approval of the dean.

**SCHOOL OF
BUSINESS**

Aaron C. Goldsmith, PhD, Dean



GENERAL INFORMATION

Purpose

The School of Business exists within the scripturally-based liberal arts education of Bob Jones University to equip Christian men and women for the ministry of business.

Divisions and Departments

The School of Business is organized into four divisions:

- I. **Division of Accounting**
- II. **Division of Management**
- III. **Division of Business and Trades**
- IV. **Division of Graduate Studies**

DEGREES OFFERED

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Undergraduate Degrees

The *Associate of Applied Science* degree with majors in Aircraft Maintenance, Automotive Service, Business, Cosmetology, Culinary Arts and Residential Construction.

The *Bachelor of Science* degree with majors in Accounting, Business (Concentration in Trades), Business Administration, Business and Commercial Aviation, Business and Technology, Human Resource Management and International Business.

Graduate Degrees

The *Master of Business Administration* degree.

The *Master of Science* degree with a major in Accountancy.

The Associate of Applied Science degree with majors in Aircraft Maintenance, Automotive Service (with concentrations in Heavy Duty and Light Duty), Business, Cosmetology, Culinary Arts and Residential Construction.

DIVISION OF ACCOUNTING

KRIS ROWLAND MARTIN, PhD, *Chairman*

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. 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.

Bachelor of Science Degree, Accounting Major

The accounting major provides preparation for the accounting profession. The degree integrates biblical principles with the business and liberal arts courses that prepare the graduate for service and leadership in the accounting field. The basic 131-credit program includes 54 hours in the major with 39 hours in accounting.

An internship program, coordinated by the division chairman, 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 doing an accounting internship during the semester in the Greenville area 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. Many of

the summer internships in the past have been secured directly by the students in hometown settings. Students may substitute general electives for the internship credits.

The faculty of the Division of Accounting strongly encourages each student to become a Certified Public Accountant (CPA). In South Carolina, becoming a CPA 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 once he or she has completed at least 120 credit hours including specific required courses. If a student follows the suggested schedule shown below, he or she 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 credit hours 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. Students may be able to accelerate their bachelor's and master's degree programs by completing both in four years (including summers). Check with the dean or division chairman for further details.

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.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	3	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Ac 101	Principles of Accounting I ¹	4	Com 101	Fundamentals of Speech	3
Ac 205	Accounting Software, Small Business	2	Ac 102	Principles of Accounting II ²	4
	Business Technology Elective ³	3		Business Technology Elective ³	3
	English Composition	3		English Composition	3
	TOTAL	17		TOTAL	18

Second Year

Ma 108	Mathematics of Finance	3	SSE 210	Economics for the Professional	3
SSE 200	Foundations of Economics	3	Com 410	Oral Communication for the Professions	3
Bi 230	Hermeneutics	2	Ac 306	Intermediate Accounting II	4
Ac 305	Intermediate Accounting I	4	Ac 410	Accounting Information Systems	3
BA 203	Principles of Management	3	Mkt 205	Principles of Marketing	3
	English Literature or Writing Elec.	3		Sophomore Bible Elective ⁴	1
	TOTAL	18		TOTAL	17

Third Year

Ph 200	Themes in Western Thought	3	Bi 402	Bible Doctrines	3
Sc 200	Essential Science	3	BA 302	Business Law	3
Bi 401	Bible Doctrines	3	BA 404	Business Statistics	3
Ac 400	Auditing	3		Electives ⁵	6
Ac 401	Introduction to Taxation	3		Accounting Elective	3
	Fine Arts Appreciation Elective ⁶	2		TOTAL	18
	TOTAL	17			

Fourth Year

Bi 499	Apologetics and Worldview	3	Ps 200	General Psychology	3
Ac 402	Advanced Accounting I	3	Ac 507	Financial Statement Analysis	3
Ac 403	Managerial Accounting	3	BA 418	Management Policies	3
BA 301	Legal Environ. & Ethics of Bus.	3		Finance Elective ⁷	3
	TOTAL	12		Upper-Level Bible Elective ⁸	2
				TOTAL	14

¹ Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

² Prerequisite: Must have a C- or greater in Ac 101.

³ Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

- ⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.
- ⁵ Students may substitute this requirement with the 6-credit Accounting Internship, AC 450. 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.
- ⁶ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.
- ⁷ Three hours must be taken in one of the following courses: Fin 305 Money & Banking, Fin 405 Investment Portfolio Management, Fin 502 Financial Theory & Application, Fin 504 Advanced Financial Management and Int 406 International Finance.
- ⁸ Two hours must be taken with a Bi prefix on the 300–500 level.
- Recommended minors: English, Organizational Communication, Rhetoric and Public Address and Technical Writing.

DIVISION OF MANAGEMENT

LAURA LEE GLENN, EdD, *Chairman*

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This division teaches students to manage the processes and resources that make a business run efficiently. Students are taught how to manage employees, business technologies, financial capital, work flow, hiring, training, documentation, compensation and corporate communication. Students also learn how to administer effectively 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. The division offers majors in Business Administration (with concentrations in Finance and Marketing), Business and Commercial Aviation, Business and Technology, Human Resource Management and International Business.

The division offers minors in Administrative Management, Business, Business Technology and Human Resource Management. Internships, coordinated by the Division Chairman, are available to qualified majors at local, national and international businesses.

Administrative Management Minor

The Administrative Management minor provides foundational technology and human relations skills needed for the management of administrative support functions.

A minor in Administrative Management consists of BT 205, BT 301, BT 309, BT 403 and 6 hours of electives selected from courses with a BT prefix.

Business Minor

The Business minor provides a general understanding of foundational business principles. A wide range of electives beyond the required courses allows concentration in specific fields of interest.

A minor in Business consists of Ac 101, BA 203, Mkt 205 and 8 hours of business electives with an Ac, BA, BT, Fin, HR, Int or Mkt prefix.

Recommended electives: Ac 102, BA 101, BA 220, BA 418, BA 530, BT 301, BT 306, BT 309, Fin 305, Fin 309, Fin 405, HR 215, Mkt 406, Mkt 411 or Mkt 412.

Business Technology Minor

The Business Technology minor provides a concentrated study of practical business technology applications. It promotes the ability to efficiently and effectively deal with business processes and analyze, troubleshoot and solve business problems through the use of technology.

A minor in Business Technology for a *Bachelor of Science* degree consists of 18 hours from Ac 205, BT 205, BT 301, BT 303, BT 306, BT 309, BT 311 and BT 409.

Human Resource Management Minor

The Human Resource Management minor provides a foundational understanding of the key concepts needed in training and development, recruiting, compensation and benefits, and employee relations.

A minor in Human Resource Management consists of 18 hours from HR 215, HR 220, HR 301, HR 415 and 6 hours of electives selected from courses with BA, BT, Fin, HR, Int, or Mkt prefixes.

Bachelor of Science Degree, Business Administration Major

The Business Administration major provides preparation for a broad range of business pursuits. Thorough instruction in accounting, finance, marketing, operations and international business 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. Because of the comprehensive nature of the major, students should give strong consideration to graduate school opportunities following the attainment of this degree. This program requires 36 hours in the major; concentrations are offered in Finance and Marketing.

First Year

Uni 101	Freshman Seminar	1	Ma 108	Mathematics of Finance ¹	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
BA 101	Introduction to Business	3	BA 203	Principles of Management	3
	English Composition	3		English Composition	3
	TOTAL	14		Minor or Electives	2
				TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
SSE 200	Foundations of Economics	3	SSE 210	Economics for the Professional	3
Ac 101	Principles of Accounting I ²	4	Bi 230	Hermeneutics	2
Mkt 205	Principles of Marketing	3	Ac 102	Principles of Accounting II	4
	English Literature or Writing Elec	3		International Business Elective	3
	Sophomore Bible Elective ³	1		Minor or Electives	1
	TOTAL	17		TOTAL	16

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 302	Business Law	3
Fin 201	Corporate Finance	3	BA 330	Supply Chain Management	3
	Business Technology Elective ⁴	3	BA 404	Business Statistics	3
	Minor or Electives	4		Business Technology Elective ⁴	3
	TOTAL	16		Fine Arts Appreciation Elective ⁵	2
				TOTAL	17

Fourth Year

Bi 499	Apologetics and Worldview	3	Com 410	Oral Communication for the Professions	3
BA 418	Management Policies	3		Business Management Elective	3
	Business Management Elective	3		Finance Elective	3
	Marketing Elective	3		Upper-Level Bible Elective ⁶	2
	Philosophy or Psychology	3		Minor or Electives	5
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

¹ Students may substitute Ma 180 Introduction to Calculus, recommended for those considering graduate school.

² Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

(Finance)

First Year

Uni 101	Freshman Seminar	1	Ma 108	Mathematics of Finance ¹	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
BA 101	Introduction to Business	3	BA 203	Principles of Management	3
	English Composition	3		English Composition	3
	Minor or Electives	1		Minor or Electives	2
	TOTAL	15		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Ac 101	Principles of Accounting I ²	4	SSE 200	Foundations of Economics	3
Mkt 205	Principles of Marketing	3	Bi 230	Hermeneutics	2
	Business Technology Elective ³	3	Ac 102	Principles of Accounting II	4
	English Literature or Writing Elec.	3	BA 330	Supply Chain Management	3
	Sophomore Bible Elective ⁴	1		Minor or Electives	1
	TOTAL	17		TOTAL	16

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Third Year

SSE 210	Economics for the Professional	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	BA 404	Business Statistics	3
Ac 403	Managerial Accounting	3	Fin 505	Money & Banking	3
Fin 201	Corporate Finance	3		Fine Arts Appreciation Elective ⁵	2
	Business Technology Elective ³	3		Philosophy or Psychology	3
	Minor or Electives	1		Minor or Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3	Com 410	Oral Communication for the Professions	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 302	Business Law	3
BA 418	Management Policies	3	Fin 405	Investment Portfolio Management	3
Int 406	International Finance	3	Fin 502	Financial Theory & Application	3
	Minor or Electives	4		Upper-Level Bible Elective ⁶	2
	TOTAL	16		Minor or Electives	2
				TOTAL	16

¹ Students may substitute Ma 180 Introduction to Calculus, recommended for those considering graduate school.

² Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18–19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

³ Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁶ Two hours must be taken with a Bi prefix on the 300–500 level.

(Marketing)

First Year

Uni 101	Freshman Seminar	1	Ma 108	Mathematics of Finance ¹	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
BA 101	Introduction to Business	3	BA 203	Principles of Management	3
	English Composition	3		English Composition	3
	Minor or Electives	1		Minor or Electives	2
	TOTAL	15		TOTAL	16

Second Year

Ph 200	Themes in Western Thought	3	SSE 200	Foundations of Economics	3
Sc 200	Essential Science	3	Bi 230	Hermeneutics	2
Ac 101	Principles of Accounting I ²	4	Ac 102	Principles of Accounting II	4
Mkt 205	Principles of Marketing	3	BA 330	Supply Chain Management	3
	English Literature or Writing Elec	3		Business Technology Elective ³	3
	Sophomore Bible Elective ⁴	1		Minor or Electives	1
	TOTAL	17		TOTAL	16

Third Year

SSE 210	Economics for the Professional	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	BA 404	Business Statistics	3
Fin 201	Corporate Finance	3	Int 412	International Marketing	3
Mkt 412	Salesmanship	3		Fine Arts Appreciation Elective ⁵	2
	Business Technology Elective ³	3		Marketing Elective	3
	Minor or Electives	1		Minor or Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3	Com 410	Oral Communication for the Professions	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 302	Business Law	3
Mkt 411	Marketing Strategy	3	BA 418	Management Policies	3
Mkt 514	Marketing Research	3		Upper-Level Bible Elective ⁶	2
	Philosophy or Psychology	3		Minor or Electives	5
	Minor or Electives	1		TOTAL	16
	TOTAL	16			

¹ Students may substitute Ma 180 Introduction to Calculus, recommended for those considering graduate school.

² Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

³ Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁶ Two hours must be taken with a Bi prefix on the 300-500 level.

Bachelor of Science Degree, Business and Technology Major

The Business and Technology major provides a foundational understanding of business with concentrated study of technology and software applications used in business today. It promotes the ability to efficiently and effectively deal with business processes and analyze, troubleshoot and solve business problems through the use of technology. Because of the important relationship between human factors and business and technology, courses focus on building competence in areas such as leadership, communications, human relations, training, workplace design and decision making. The program lays the foundation for advancement in business or graduate studies.

First Year

Uni 101	Freshman Seminar	1
Hi 101	History of Civilization	3
Bi 105	Old Testament Messages	1
FA 125	Introduction to the Arts	1
BT 205	Business Technology	3
HR 215	Intro to Human Resources Development	3
	English Composition	3
	TOTAL	15

Hi 102	History of Civilization	3
Bi 109	New Testament Messages	1
Com 101	Fundamentals of Speech	3
Ac 101	Principles of Accounting I ¹	4
BA 203	Principles of Management	3
	English Composition	3
	TOTAL	17

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Second Year

Ph 200	Themes in Western Thought	3
Ac 205	Accounting Software, Small Business	2
BT 309	Spreadsheet Applic for Business	3
	English Literature or Writing Elec.	3
	Sophomore Bible Elective ²	1
	Minor or Electives	4
	TOTAL	16

Sc 200	Essential Science	3
SSE 200	Foundations of Economics	3
Bi 230	Hermeneutics	2
BT 215	Project Management	3
Mkt 205	Principles of Marketing	3
	Minor or Electives	2
	TOTAL	16

Third Year

Bi 401	Bible Doctrines	3
BT 301	Records/Database Management	3
BT 306	Desktop Publishing	3
	Psychology Elective	3
	Minor or Electives	4
	TOTAL	16

Bi 402	Bible Doctrines	3
BT 403	Managerial & Interpersonal Behavior	3
	Fine Arts Appreciation Elective ³	2
	Mathematics	3
	Minor or Electives	5
	TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3
Com 410	Oral Communication for the Professions	3
BA 404	Business Statistics	3
BT 409	Technology Training Methods	3
	Minor or Electives	4
	TOTAL	16

BA 301	Legal Environment & Ethics of Business	3
BT 303	Integrating Business and Technology	3
BT 311	Web Applications for Business	3
	Upper-Level Bible Elective ⁴	2
	Minor or Electives	5
	TOTAL	16

¹ Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science Degree, Human Resource Management Major

The Human Resource Management major provides a foundational understanding of business along with preparation for positions specifically in the human resource field. The major focuses on building competence in training and development, recruiting, compensation and benefits, employee relations, leadership, communication and decision making. The program lays the foundation for advancement in business or graduate studies. This program requires 36 hours in the major.

First Year

Uni 101	Freshman Seminar	1	Hi 102	History of Civilization	3
Hi 101	History of Civilization	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 101	Principles of Accounting I ¹	4
BA 101	Introduction to Business	3		English Composition	3
HR 215	Intro to Human Resources Development	3		Minor or Electives	2
	English Composition	3		TOTAL	16
	TOTAL	15			

Second Year

Ph 200	Themes in Western Thought	3	Sc 200	Essential Science	3
Ac 205	Accounting Software, Small Business	2	SSE 200	Foundations of Economics	3
BA 203	Principles of Management	3	Bi 230	Hermeneutics	2
	Business Technology Elective ²	3	HR 301	Compensation & Benefits	3
	English Literature or Writing Elec.	3	Mkt 205	Principles of Marketing	3
	Sophomore Bible Elective ³	1		Mathematics	3
	Minor or Electives	1		TOTAL	17
	TOTAL	16			

Third Year

Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 302	Business Law	3
HR 415	Employment Selection & Placement	3	BT 403	Managerial & Interpersonal Behavior	3
	Business Technology Elective ²	3		Fine Arts Appreciation Elective ⁴	2
	Minor or Electives	4		International Business Elective	3
	TOTAL	16		Minor or Electives	2
				TOTAL	16

Fourth Year

Bi 499	Apologetics and Worldview	3	Com 410	Oral Communication for the Professions	3
Com 505	Communication Training & Development	3	BA 404	Business Statistics	3
HR 430	Change Management	3	HR 470	Contemp Issues in Human Resources	3
	Finance Elective	3		Philosophy or Psychology	3
	Minor or Electives	4		Upper-Level Bible Elective ⁵	2
	TOTAL	16		Minor or Electives	2
				TOTAL	16

¹ Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

² Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁵ Two hours must be taken with a Bi prefix on the 300-500 level.

Bachelor of Science Degree, International Business Major

The International Business major provides a solid core curriculum in business and focuses its application on worldwide enterprise opportunities. In addition, the program offers training in necessary foreign language skills for ease of communication in cross-cultural relationships at home or abroad. It prepares students for entrepreneurial opportunities or employment with a multinational corporation, a government agency or some international organization. This program requires 36 hours in the major and a minimum of 12 hours in a language proficiency.

First Year

Uni 101	Freshman Seminar	1	Ma 108	Mathematics of Finance ¹	3
Hi 101	History of Civilization	3	Hi 102	History of Civilization	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
BA 101	Introduction to Business	3	BA 203	Principles of Management	3
	English Composition	3		English Composition	3
	TOTAL	14		Minor or Electives	2
				TOTAL	16

Second Year

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Ph 200	Themes in Western Thought	3	SSE 200	Foundations of Economics	3
Sc 200	Essential Science	3	Ac 102	Principles of Accounting II	4
Bi 230	Hermeneutics	2	Int 210	International Business	3
Ac 101	Principles of Accounting I ²	4		Fine Arts Appreciation Elective ³	2
	English Literature or Writing Elec.	3		Sophomore Bible Elective ⁴	1
	Minor or Electives	1		Minor or Electives	3
	TOTAL	16		TOTAL	16

Third Year

SSE 210	Economics for the Professional	3	Bi 402	Bible Doctrines	3
Bi 401	Bible Doctrines	3	BA 330	Supply Chain Management	3
Int 315	Protocol/Pract of International Bus.	3	Fin 201	Corporate Finance	3
Mkt 205	Principles of Marketing	3	Int 412	International Marketing	3
	Business Technology Elective ⁵	3		Business Technology Elective ⁵	3
	Minor or Electives	1		Philosophy or Psychology	3
	TOTAL	16		TOTAL	18

Fourth Year

Bi 499	Apologetics and Worldview	3	Com 410	Oral Communication for the Professions	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 302	Business Law	3
Int 406	International Finance	3	BA 404	Business Statistics	3
Int 530	Current Issues in Global Commerce	3	BA 418	Management Policies	3
	Minor or Electives	4		Upper-Level Bible Elective ⁶	2
	TOTAL	16		Minor or Electives	2
				TOTAL	16

¹ Students may substitute Ma 180 Introduction to Calculus, recommended for those considering graduate school.

² Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score less than 18 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites.)

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁵ Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

⁶ Two hours must be taken with a Bi prefix on the 300-500 level.

- Internships are available to qualified students with corporations having significant international operations.
- In order to establish a broader understanding of global affairs and relationships, the following courses are recommended as electives: BA 530, SSG 200, SSG 201, SSP 303 or SSS 504.
- It is strongly recommended that majors participate in a university mission team or study tour during at least one summer following the third year.

DIVISION OF BUSINESS AND TRADES

DAVID B MELLOR, MDiv, *Chairman*

The Division offers associate of applied science degrees in Aircraft Maintenance, Automotive Service, Business, Cosmetology, Culinary Arts and Residential Construction. The Division also offers bachelor of science degrees in Business and Commercial Aviation, Business with concentrations in Aircraft Maintenance Management, Automotive Service Management, Cosmetology Management, Restaurant Management and Residential Construction Management.

Required Tools for Trade and Technology Programs

Safety and hands-on experience in using his tools is fundamental to the beginner learning a trade. Therefore, by the first shop day of the semester, or at a time designated by the teacher, each trade student majoring in Aircraft Maintenance, Automotive Service, Cosmetology, Culinary Arts or Residential Construction will be required to own at least the basic set of tools listed as necessary for his particular trade.

Estimated Equipment and Uniform Costs* (3 years):

Major	Tools	Uniforms
Aircraft Maintenance	\$1000–2000	\$160
Automotive Service	1500–2500	160
Residential Construction	550	150
Cosmetology	600 1st year	60
	200 2nd year	
Culinary Arts	300–500	150

*Prices are subject to change.

It should be noted that manufacturers vary widely in both specifications and prices. For this reason, quality as well as cost should be weighed carefully by the career tradesman assembling his personal tool set for the first time. For the beginner, it is suggested that he delay the purchase of his tools until after he arrives in Greenville and can receive explanations and guidance from his trade teachers. Quality tools are available through local distributors at reasonable prices which sometimes include quantity discounts for our students. Of course, each student is free to purchase his tools wherever he wishes. Students in these majors are also required to have work uniforms and appropriate work shoes. Orders for the uniforms are taken during the first week of classes. Each student is required to have three uniforms.

The student will be furnished with a list of the required tools for his trade at the time of his enrollment or he can see it on the internet at: www.bju.edu/academics/business (go to the Trade Area you are interested in and you will see the tool list).

Associate of Applied Science Degree, Aircraft Maintenance Major

The Aircraft Maintenance major leading to an associate of applied science degree provides preparation for obtaining the Federal Aviation Administration's Mechanic Certificate with ratings for Airframe and Powerplant. It offers knowledge and skills for maintenance on private, business, commercial or missionary aircraft. The program combines classroom instruction with practical shop experience and on-the-job training. Aviation mechanic internship courses are available to second- and third-year students to gain additional practical experience working on university flight school aircraft.

Students completing the Associate of Applied Science degree in Aircraft Maintenance have the following options:

1. Pursuing a Bachelor of Science degree in Missionary Aviation as a five-year program
2. Pursuing a Bachelor of Science degree in Business (Aircraft Maintenance Concentration) as a four-year program
3. Pursuing the Bachelor of Arts in Practical Christian Training (associate option).

See the School of Religion or the School of Business for the appropriate programs. Students continuing toward a baccalaureate degree are subject to the approval of the Scholarship Committee.

First Year

Uni 101	Freshman Seminar	1
Ma 102	Intermediate College Mathematics ¹	3
Bi 105	Old Testament Messages	1
TAM 102	Aircraft Drawings	1
TAM 103	Weight & Balance	1
TAM 106	Ground Operation & Servicing	1
TAM 107	Cleaning & Corrosion Control	0
TAM 108	Maintenance Forms & Records	0
TAM 109	Maintenance Publications	1
TAM 110	Mech Privileges/Limitations Plus Rev.	1
	English	3
	TOTAL	13

Bi 109	New Testament Messages	1
FA 125	Introduction to the Arts	1
TAM 101	Basic Electricity	3
TAM 104	Fluid Lines & Fittings	1
TAM 105	Materials & Processes	2
TAM 115	Applied Physics	3
	English	3
	TOTAL	14

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First Summer

TAM 301	Reciprocating Engines	5	TAM 303	Turbine Engines	4
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Second Year

Bi 301	Christian Doctrines	3
Com 101	Fundamentals of Speech	3
TAM 308	Lubricating Systems	1
TAM 309	Ignition Systems	2
TAM 310	Fuel Metering Systems	2
TAM 311	Engine Fuel Systems	1
TAM 313	Engine Cooling Systems	1
TAM 317	Auxiliary Power Units	0
	TOTAL	13

Bi 302	Christian Doctrines	3
TAM 305	Engine Instrument Systems	1
TAM 306	Engine Fire Protection Systems	0
TAM 307	Engine Electrical Systems	2
TAM 312	Induction System	1
TAM 314	Engine Exhaust Systems	0
TAM 315	Propellers	2
TAM 316	Unducted Fans	0
	TOTAL	9

Second Summer

TAM 202	Sheet Metal Structures	3	TAM 201	Aircraft Wood Struct/Cover/Finish	4
TAM 204	Assembly & Rigging	2	TAM 208	Cabin Atmosphere Control Systems	1
	TOTAL	5		TOTAL	5

Third Year

CMn 208	Personal Evangelism	1
TAM 203	Welding	1
TAM 209	Aircraft Instrument Systems	0
TAM 211	Aircraft Fuel Systems	1
TAM 212	Aircraft Electrical Systems	3
TAM 214	Ice- & Rain-Control Systems	1
TAM 215	Fire Protection Systems	1
	Sophomore Bible Elective ²	1
	TOTAL	9

Bi 230	Hermeneutics	2
Com 410	Oral Communication for the Prof.	3
TAM 205	Airframe Inspection	1
TAM 206	Aircraft Landing Gear Systems	2
TAM 207	Hydraulic & Pneumatic Power Systems	3
TAM 210	Communication & Navigation Systems	1
TAM 213	Position & Warning Systems	0
	TOTAL	12

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.

(Missionary Aviation Track)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	TAM 101	Basic Electricity	3
TAM 102	Aircraft Drawings	1	TAM 104	Fluid Lines & Fittings	1
TAM 103	Weight & Balance	1	TAM 105	Materials & Processes	2
TAM 106	Ground Operation & Servicing	1	TAM 115	Applied Physics	3
TAM 107	Cleaning & Corrosion Control	0	English	3	
TAM 108	Maintenance Forms & Records	0	TOTAL	14	
TAM 109	Maintenance Publications	1			
TAM 110	Mech Privileges/Limitations Plus Rev	1			
	English	3			
	TOTAL	13			

First Summer

TAM 301	Reciprocating Engines	5	TAM 303	Turbine Engines	4
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Second Year

Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
Com 101	Fundamentals of Speech	3	TAM 305	Engine Instrument Systems	1
TAM 308	Lubricating Systems	1	TAM 306	Engine Fire Protection Systems	0
TAM 309	Ignition Systems	2	TAM 307	Engine Electrical Systems	2
TAM 310	Fuel Metering Systems	2	TAM 312	Induction System	1
TAM 311	Engine Fuel Systems	1	TAM 314	Engine Exhaust Systems	0
TAM 313	Engine Cooling Systems	1	TAM 315	Propellers	2
TAM 317	Auxiliary Power Units	0	TAM 316	Unducted Fans	0
Av 101	Primary Ground School	2	Av 102	Basic Ground School	2
Av 105	Solo Flight	1	Av 106	Private Pilot	1
	Sophomore Bible Elective ²	1	Speech Elective	2	
	TOTAL	17	TOTAL	14	

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Second Summer

TAM 202	Sheet Metal Structures	3	TAM 201	Aircraft Wood Struct/Cover/Finish	4
TAM 204	Assembly & Rigging	2	TAM 208	Cabin Atmosphere Control Systems	1
	TOTAL	5	TOTAL	5	

Third Year

CMn 313	Principles of Leadership	1	CMn 208	Personal Evangelism	1
TAM 203	Welding	1	CMn 314	Principles of Leadership	1
TAM 209	Aircraft Instrument Systems	0	Ps 200	General Psychology	3
TAM 211	Aircraft Fuel Systems	1	TAM 205	Airframe Inspection	1
TAM 212	Aircraft Electrical Systems	3	TAM 206	Aircraft Landing Gear Systems	2
TAM 214	Ice- & Rain-Control Systems	1	TAM 207	Hydraulic & Pneumatic Power Systems	3
TAM 215	Fire Protection Systems	1	TAM 210	Communication & Navigation Systems	1
Av 205	Cross-Country Flight	2	TAM 213	Position & Warning Systems	0
Av 207	Aviation Meteorology	2	Av 204	Advanced Cross-Country Flight	2
	Computer Applications Elective	3		Church Ministries/Missions	2
	Upper-Level Bible Elective ³	2		Upper-Level Bible Elective ³	2
	TOTAL	17	TOTAL	18	

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.

³ Four hours must be taken with a Bi prefix on the 300–400 level.

Associate of Applied Science Degree, Automotive Service Major

The Automotive Service major leading to an associate of applied science degree provides preparation for a job as an automotive or diesel mechanic. The program combines classroom instruction with shop experience and on-the-job training. Students completing the Associate of Applied Science degree in Automotive Service have the following options:

1. Pursuing a Bachelor of Science degree in Business with a concentration in Automotive Service Management.
2. Pursuing the Bachelor of Arts in Practical Christian Training in the School of Religion (associate option).

See the School of Religion or the School of Business for the appropriate programs. Students continuing toward a baccalaureate degree are subject to the approval of the Scholarship Committee.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	TAD 113	Basic Welding	1
TAD 101	Introduction to Automotive Service	3	TAD 114	Power Fundamentals	2
TAD 124	Electrical Systems	2	TAD 115	Applied Physics	3
TAD 198	Auto-Diesel Internship	1	TAD 199	Auto-Diesel Internship	1
TAD 212	Hydraulic Brakes	1	TAD 214	Suspension & Steering	4
	English	3		English	3
	TOTAL	15		TOTAL	16

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Second Year

Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
Com 101	Fundamentals of Speech	3	TAD 222	Heating & Air Conditioning	2
BA 101	Introduction to Business	3	TAD 229	Automatic Transmissions and Transaxles	3
TAD 119	Gasoline Engine Overhaul	3	TAD 299	Auto-Diesel Internship	1
TAD 215	Fuel, Ignition and Emission Systems	3		Business Technology Elective ²	3
TAD 298	Auto-Diesel Internship	1		Elective	1
	TOTAL	16		TOTAL	14

Third Year

CMn 208	Personal Evangelism	1	Bi 230	Hermeneutics	2
TAD 312	Non-hydraulic Brakes	2	Com 410	Oral Communication for the Professions	3
TAD 313	Diesel Engine Overhaul	4	TAD 311	Hydraulic Servicing	1
TAD 398	Auto-Diesel Internship	1	TAD 322	Power Train On-Road Vehicles	3
	Sophomore Bible Elective ³	1	TAD 323	Power Train Off-Road Equipment	2
	Electives	6	TAD 399	Auto-Diesel Internship	3
	TOTAL	15		Electives	2
				TOTAL	14

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² Three hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.

· A student must begin this program I Semester.

Associate of Applied Science Degree, Business Major

The Business major leading to an associate of applied science degree provides preparation for working in the business office of public or private organizations. It offers a working knowledge of marketing, human resource management and finance. Courses in accounting, computer applications and communication skills complete the major program which combines classroom instruction and lab practice. Students completing the Associate of Applied Science degree in Business have the following options:

1. Pursuing a Bachelor of Science degree in Business Administration, Business and Technology or Human Resource Management.

2. Pursuing the Bachelor of Arts in Practical Christian Training in the School of Religion (associate option).

See the School of Religion or the School of Business for the appropriate programs. Students continuing toward a baccalaureate degree are subject to the approval of the Scholarship Committee.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
BA 101	Introduction to Business	3	Ac 112	Basic Accounting I	3
	English	3		English	3
	Electives	4		Electives	4
	TOTAL	15		TOTAL	15

Second Year

Bi 301	Christian Doctrines	3	Ma 108	Mathematics of Finance	3
Ac 113	Basic Accounting II	3	Bi 302	Christian Doctrines	3
BA 203	Principles of Management	3	Ac 205	Accounting Software, Small Business	2
	Business Technology Elective ²	3		Business Technology Elective ²	3
	Electives	3		Electives	4
	TOTAL	15		TOTAL	15

Third Year

CMn 208	Personal Evangelism	1	Bi 230	Hermeneutics	2
CMn 313	Principles of Leadership	1	CMn 314	Principles of Leadership	1
Fin 202	Small Business Finance	3	Com 410	Oral Communication for the Professions	3
HR 215	Intro to Human Resources Development	3		Business Elective	3
Mkt 205	Principles of Marketing	3		Business Elective	3
	Sophomore Bible Elective ³	1		Business Law Elective ⁴	3
	Electives	3		TOTAL	15
	TOTAL	15			

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.

⁴ Three hours must be taken from the following courses: BA 301 Legal Environ & Ethics of Bus and BA 302 Business Law.

Associate of Applied Science Degree, Cosmetology Major

The Cosmetology major leading to an associate of applied science degree in Cosmetology and licensure by the South Carolina State Board of Cosmetology provides preparation for working in a cosmetology salon. The acquired knowledge prepares the student to serve in various ministries. The program combines classroom instruction, lab experience and on-the-job training.

Students must complete a minimum of 1500 hours to be eligible to take the state cosmetologist examination to be licensed in South Carolina. Upon completion of this program, the minimum requirements for licensure in other states may be met. Students should contact appropriate departments in other states concerning additional requirements.

Students completing the Associate of Applied Science degree in Cosmetology have the following options:

1. Pursuing the Bachelor of Science degree in Business with a concentration in Cosmetology Management as a four-year program under the Division of Business and Trades.
2. Pursuing the Bachelor of Arts in Practical Christian Training (associate option) in the School of Religion.

See the School of Religion or the School of Business for the appropriate programs. Students continuing toward a baccalaureate degree are subject to the approval of the Scholarship Committee.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
TCO 111	Professionalism in Cosmetology I	3	TCO 112	Professionalism in Cosmetology II	3
TCO 113	Shampoos & Rinses	2	TCO 116	Chemical Waving	3
TCO 114	Hair Styling	4	TCO 117	Chemical Hair Relaxing	1
TCO 115	Hair Shaping	2	TCO 118	Hair Coloring	4
	English	3		English	3
	TOTAL	16		TOTAL	16

Second Year

Bi 301	Christian Doctrines	3	Ma 102	Intermediate College Mathematics ¹	3
Com 101	Fundamentals of Speech	3	Bi 302	Christian Doctrines	3
TCO 211	Cosmetology Practicum I	6	TCO 212	Cosmetology Practicum II	6
TCO 213	Manicuring/Pedicuring	1		Electives	2
TCO 214	Facials & Makeup	1		TOTAL	14
	TOTAL	14			

Third Year

CMn 208	Personal Evangelism	1	Bi 230	Hermeneutics	2
BA 101	Introduction to Business	3	Com 410	Oral Communication for the Professions	3
TCO 301	Cosmetology Internship I	2	BA 220	Home-Based Business Strategies	3
	Business Technology Elective ²	3	TCO 302	Cosmetology Internship II	2
	Sophomore Bible Elective ³	1	TCO 310	Methods of Trade Teaching	3
	Electives	5		Electives	2
	TOTAL	15		TOTAL	15

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¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.
² Three hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.
³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.
 - A student must begin this program I Semester.

Associate of Applied Science Degree, Culinary Arts Major

The Culinary Arts major leading to an associate of applied science degree provides preparation for jobs in the food service industry in the areas of food preparation and cost controls. Service opportunities are available in secular and Christian organizations such as camps, schools and colleges. The program combines a solid core of professional courses with those in Bible and communication skills. It offers classroom instruction with extensive food lab experience and service projects.

Students completing the Associate of Applied Science degree in Culinary Arts have the following options:

1. Pursuing the Bachelor of Science degree in Business with a concentration in Restaurant Management as a four-year program under the Division of Business and Trades.
2. Pursuing the Bachelor of Arts in Practical Christian Training (associate option) in the School of Religion.

See the School of Religion or the School of Business for the appropriate programs. Students continuing toward a baccalaureate degree are subject to the approval of the Scholarship Committee.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	BA 101	Introduction to Business	3
Com 101	Fundamentals of Speech	3	TCA 312	Foodservice Sanitation and Nutrition	3
TCA 101	Basic Food Knowledge	2	TCA 388	Food Service	3
TCA 102	Cooking Methods I	2		English	3
	English	3		TOTAL	14
	TOTAL	15			

Second Year

Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
Ac 112	Basic Accounting I	3	Ac 205	Accounting Software, Small Business	2
TCA 111	Culinary Arts Practicum I	3	TCA 221	Desserts & Pastries	3
TCA 204	Introductory Bakeshop	3	TCA 225	Recipe Costing & Menu Analysis	3
	Business Technology Elective ²	3		Electives	4
	TOTAL	15		TOTAL	15

Third Year

CMn 208	Personal Evangelism	1	Bi 230	Hermeneutics	2
TCA 301	Practical Catering	3	Com 410	Oral Communication for the Professions	3
TCA 303	Food Service Management	3	TCA 202	Food Display & Garnishing	2
	Sophomore Bible Elective ³	1	TCA 203	Cooking Methods II	3
	Electives	7	TCA 304	Food Purchasing & Menu Planning	3
	TOTAL	15	TCA 306	Restaurant Equipment & Design	3
				TOTAL	16

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² Three hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.

Associate of Applied Science Degree, Residential Construction Major

The Residential Construction major leading to an associate of applied science degree provides preparation in the fundamentals of cabinetry, architectural drawing and residential construction. The program combines classroom modeling, mock-ups and on-the-job experience. Basic courses in residential electricity, plumbing and mechanical systems offer additional skills for residential construction.

Students completing the Associate of Applied Science degree in Residential Construction have the following options:

1. Pursuing the Bachelor of Science degree in Business with a concentration in Residential Construction Management as a four-year program under the Division of Business and Trades.
2. Pursuing the Bachelor of Arts in Practical Christian Training (associate option) in the School of Religion.

See the School of Religion or the School of Business for the appropriate programs. Students continuing toward a baccalaureate degree are subject to the approval of the Scholarship Committee.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
TCR 111	Building Methods/Materials	3	BA 101	Introduction to Business	3
TCR 120	Basic Cabinetry/Carpentry	4	TCR 220	Carpentry/Residential Construction I	5
	English	3		English	3
	TOTAL	15		TOTAL	16

Second Year

Bi 301	Christian Doctrines	3	Bi 302	Christian Doctrines	3
TCR 216	Residential Design	3	TCR 225	Material Takeoff & Estimating	2
TCR 230	Carpentry/Residential Construct II	5	TCR 317	Advanced Carpentry I	3
	Business Technology Elective ²	3	TCR 324	Computer-Aided Drafting	3
	Electives	1		Electives	3
	TOTAL	15		TOTAL	14

Third Year

CMn 208	Personal Evangelism	1	Bi 230	Hermeneutics	2
TCR 318	Advanced Carpentry II	3	Com 410	Oral Communication for the Professions	3
TCR 325	Construction Planning & Scheduling	2	TCR 365	Residential Mechanical Systems	2
TCR 335	Residential Electricity/Plumbing	4		Construction Electives ³	2
	Sophomore Bible Elective ⁴	1		Construction Electives ³	2
	Electives	4		Electives	4
	TOTAL	15		TOTAL	15

- ¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.
- ² Three hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.
- ³ Four hours must be taken from the following courses: TCR 330 Trends in Residential Construction, TCR 375 Cabinet & Furniture Construction and TCR 380 Project Practicum.
- ⁴ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ, Bi 225 Life & Ministry of Paul and Bi 230 Hermeneutics.
- A student must begin this program I Semester.

Bachelor of Science Degree, Business (Concentration in Trades) Major

172 The Bachelor Science degree in Business (Concentration in Trades) provides coursework in business, Bible, the liberal arts and selected courses in a trade to prepare the student for management positions in the selected trade. The degree requires 36 hours in business. The selected trades include Aircraft Maintenance Management, Automotive Service Management, Cosmetology Management, Restaurant Management and Residential Construction Management.

(Aircraft Maintenance Management)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
BA 101	Introduction to Business	3	TAM 101	Basic Electricity	3
TAM 102	Aircraft Drawings	1	TAM 104	Fluid Lines & Fittings	1
TAM 103	Weight & Balance	1	TAM 105	Materials & Processes	2
TAM 106	Ground Operation & Servicing	1	TAM 115	Applied Physics	3
TAM 107	Cleaning & Corrosion Control	0		English Composition	3
TAM 108	Maintenance Forms & Records	0		TOTAL	17
TAM 109	Maintenance Publications	1			
TAM 110	Mech Privileges/Limitations Plus Rev	1			
	English Composition	3			
	TOTAL	16			

First Summer

TAM 301	Reciprocating Engines	5	TAM 303	Turbine Engines	4
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Second Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Ac 101	Principles of Accounting I	4	Bi 230	Hermeneutics	2
TAM 308	Lubricating Systems	1	Ac 205	Accounting Software, Small Business	2
TAM 309	Ignition Systems	2	TAM 305	Engine Instrument Systems	1
TAM 310	Fuel Metering Systems	2	TAM 306	Engine Fire Protection Systems	0
TAM 311	Engine Fuel Systems	1	TAM 307	Engine Electrical Systems	2
TAM 313	Engine Cooling Systems	1	TAM 312	Induction System	1
TAM 317	Auxiliary Power Units	0	TAM 314	Engine Exhaust Systems	0
	English Literature or Writing Elec	3	TAM 315	Propellers	2
	Sophomore Bible Elective ²	1	TAM 316	Unducted Fans	0
	TOTAL	18		Fine Arts Appreciation Elective ³	2
				TOTAL	15

Second Summer

TAM 202	Sheet Metal Structures	3	TAM 201	Aircraft Wood Struct/Cover/Finish	4
TAM 204	Assembly & Rigging	2	TAM 208	Cabin Atmosphere Control Systems	1
	TOTAL	5		TOTAL	5

Third Year

Ma 108	Mathematics of Finance	3	Ph 200	Themes in Western Thought	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ps 200	General Psychology	3	HR 215	Intro to Human Resources Development	3
BA 203	Principles of Management	3	TAM 205	Airframe Inspection	1
TAM 203	Welding	1	TAM 206	Aircraft Landing Gear Systems	2
TAM 209	Aircraft Instrument Systems	0	TAM 207	Hydraulic & Pneumatic Power Systems	3
TAM 211	Aircraft Fuel Systems	1	TAM 210	Communication & Navigation Systems	1
TAM 212	Aircraft Electrical Systems	3	TAM 213	Position & Warning Systems	0
TAM 214	Ice- & Rain-Control Systems	1		TOTAL	16
TAM 215	Fire Protection Systems	1			
	TOTAL	19			

Fourth Year

Sc 200	Essential Science	3	Bi 499	Apologetics and Worldview	3
SSE 200	Foundations of Economics	3	Com 410	Oral Communication for the Professions	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 404	Business Statistics	3
Mkt 205	Principles of Marketing	3	BA 418	Management Policies	3
	Corporate or Small Business Finance ⁴	3		Business Management Elective	3
	Upper-Level Bible Elective ⁵	2		Business Management Elective	3
	TOTAL	17		TOTAL	18

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

³ Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

⁴ Three hours must be taken from the following courses: Fin 201 Corporate Finance and Fin 202 Small Business Finance.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

(Automotive Service)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	BA 101	Introduction to Business	3
Com 101	Fundamentals of Speech	3	TAD 114	Power Fundamentals	2
TAD 101	Introduction to Automotive Service	3	TAD 115	Applied Physics	3
TAD 124	Electrical Systems	2		Business Technology Elective ²	3
	English Composition	3		English Composition	3
	TOTAL	16		TOTAL	16

Second Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Ac 101	Principles of Accounting I	4	Bi 203	Hermeneutics	2
TAD 119	Gasoline Engine Overhaul	3	AC 205	Accounting Software, Small Business	3
TAD 215	Fuel, Ignition & Emission Systems	3	BA 203	Principles of Management	3
	English Literature or Writing Elec	3	TAD 222	Heating & Air Conditioning	2
	Sophomore Bible Elective ³	1		Electives	3
	TOTAL	17		TOTAL	15

Third Year

Bi 401	Bible Doctrines	3	Ph 200	Themes in Western Thought	3
Ph 200	General Psychology	3	Ma 108	Mathematics of Finance	3
HR 215	Intro to Human Resources Development	3	Bi 402	Bible Doctrines	3
Mkt 205	Principles of Marketing	3	BA 301	Legal Environ. & Ethics of Bus.	3
	Fine Art Appreciation Elective ⁴	2		Electives	4
	Electives	2		TOTAL	16
	TOTAL	16			

Fourth Year

Sc 200	Essential Science.....	3	Bi 499	Apologetics and Worldview	3
SSE 200	Foundations of Economics.....	3	Com 401	Oral Communication for the Prof.....	3
Fin 200	Small Business Finance	3	BA 404	Business Statistics	3
	Business Management Elective	3	BA 418	Management Policies	3
	Upper-level Bible Elective ⁵	2		Business Management Elective	3
	Electives.....	2		Elective.....	1
	TOTAL	16		TOTAL	16

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² Three hours must be taken from the following: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life and Ministry of Paul

⁴ Two hours must be taken from the following: AR 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music

⁵ Two hours must be taken with a Bi prefix on the 300-500 level.

(Cosmetology Management)

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Uni 101	Freshman Seminar.....	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages.....	1	FA 125	Introduction to the Arts	1
TCO 111	Professionalism in Cosmetology I.....	3	TCO 112	Professionalism in Cosmetology II	3
TCO 113	Shampoos & Rinses.....	2	TCO 116	Chemical Waving.....	3
TCO 114	Hair Styling.....	4	TCO 117	Chemical Hair Relaxing.....	1
TCO 115	Hair Shaping.....	2	TCO 118	Hair Coloring.....	4
	English Composition.....	3		English Composition.....	3
	TOTAL	16		TOTAL	16

Second Year

Com 101	Fundamentals of Speech.....	3	Ma 102	Intermediate College Mathematics ¹	3
TCO 211	Cosmetology Practicum I.....	6	Bi 230	Hermeneutics	2
TCO 213	Manicuring/Pedicuring.....	1	BA 101	Introduction to Business	3
TCO 214	Facials & Makeup.....	1	BA 220	Home-Based Business Strategies	3
	English Literature or Writing Elec.....	3	TCO 212	Cosmetology Practicum II	6
	Sophomore Bible Elective.....	1		TOTAL	17
	TOTAL	15			

Third Year

Hi 101	History of Civilization.....	3	Ph 200	Themes in Western Thought	3
Bi 401	Bible Doctrines.....	3	Ma 108	Mathematics of Finance	3
Ps 200	General Psychology	3	Hi 102	History of Civilization.....	3
Ac 101	Principles of Accounting I	4	Bi 402	Bible Doctrines.....	3
BA 203	Principles of Management	3	Ac 205	Accounting Software, Small Business	2
	Fine Arts Appreciation Elective ²	2	TCO 310	Methods of Trade Teaching.....	3
	TOTAL	18		TOTAL	17

Fourth Year

Sc 200	Essential Science.....	3	Bi 499	Apologetics and Worldview	3
SSE 200	Foundations of Economics.....	3	Com 410	Oral Communication for the Professions.....	3
Fin 202	Small Business Finance	3	BA 301	Legal Environ. & Ethics of Bus.	3
HR 215	Intro to Human Resources Development	3	BA 404	Business Statistics	3
Mkt 205	Principles of Marketing	3	BA 418	Management Policies	3
	Upper-Level Bible Elective ³	2		Business Management Elective	3
	TOTAL	17		TOTAL	18

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ Two hours must be taken with a Bi prefix on the 300-500 level.

(Residential Construction Management)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
TCR 111	Building Methods/Materials	3	BA 101	Introduction to Business	3
TCR 120	Basic Cabinetry/Carpentry	4		English Composition	3
	English Composition	3		Electives	4
	Electives	1		TOTAL	15
	TOTAL	16			

Second Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
Bi 230	Hermeneutics	2	Ac 205	Accounting Software, Small Business	2
Ac 101	Principles of Accounting I	4	TCR 225	Material Takeoff & Estimating	2
TCR 216	Residential Design	3	TCR 324	Computer-Aided Drafting	3
	English Literature or Writing Elec	3		Fine Arts Appreciation Elective ²	2
	Electives	1		Sophomore Bible Elective ³	1
	TOTAL	16		Electives	2
				TOTAL	15

Third Year

Bi 401	Bible Doctrines	3	Ph 200	Themes in Western Thought	3
Ps 200	General Psychology	3	Ma 108	Mathematics of Finance	3
BA 203	Principles of Management	3	Bi 402	Bible Doctrines	3
HR 215	Intro to Human Resources Development	3	Mkt 205	Principles of Marketing	3
TCR 325	Construction Planning & Scheduling	2		Construction Electives ⁴	2
	Electives	2		Electives	2
	TOTAL	16		TOTAL	16

Fourth Year

Sc 200	Essential Science	3	Bi 499	Apologetics and Worldview	3
SSE 200	Foundations of Economics	3	Com 410	Oral Communication for the Professions	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 404	Business Statistics	3
Fin 202	Small Business Finance	3	BA 418	Management Policies	3
	Business Management Elective	3	TCR 330	Trends in Residential Construction	2
	Upper-Level Bible Elective ⁵	2		Business Management Elective	3
	TOTAL	17		TOTAL	17

¹ Students who have a math ACT 20 or who place out of Ma 102 may have this requirement waived.

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken from the following: TCR 375 Cabinet & Furniture Construction and TCR 380 Project Practicum.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

(Restaurant Management)

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Ma 102	Intermediate College Mathematics ¹	3	FA 125	Introduction to the Arts	1
Bi 105	Old Testament Messages	1	Com 101	Fundamentals of Speech	3
BA 101	Introduction to Business	3	BA 203	Principles of Management	3
TCA 101	Basic Food Knowledge	2	TCA 312	Foodservice Sanitation and Nutrition	3
TCA 102	Cooking Methods I	2		English Composition	3
	English Composition	3		Electives	2
	Electives	1		TOTAL	16
	TOTAL	16			

Second Year

Hi 101	History of Civilization.....	3	Hi 102	History of Civilization.....	3
Bi 230	Hermeneutics.....	2	Ac 205	Accounting Software, Small Business	2
Ac 101	Principles of Accounting I	4	Mkt 205	Principles of Marketing	3
HR 215	Intro to Human Resources Development	3	TCA 225	Recipe Costing & Menu Analysis.....	3
	English Literature or Writing Elec.....	3		Fine Arts Appreciation Elective ²	2
	Electives.....	1		Sophomore Bible Elective ³	1
	TOTAL	16		Electives.....	2
				TOTAL	16

Third Year

Ma 108	Mathematics of Finance.....	3	Ph 200	Themes in Western Thought.....	3
Bi 401	Bible Doctrines.....	3	Bi 402	Bible Doctrines.....	3
Ps 200	General Psychology.....	3	TCA 304	Food Purchasing & Menu Planning.....	3
TCA 303	Food Service Management.....	3		Business Management Elective	3
	Business Management Elective	3		Electives.....	4
	Electives.....	1		TOTAL	16
	TOTAL	16			

Fourth Year

Sc 200	Essential Science.....	3	Bi 499	Apologetics and Worldview.....	3
SSE 200	Foundations of Economics.....	3	Com 410	Oral Communication for the Professions.....	3
BA 301	Legal Environ. & Ethics of Bus.	3	BA 404	Business Statistics	3
Fin 202	Small Business Finance	3	BA 418	Management Policies	3
	Upper-Level Bible Elective ⁴	2	TCA 306	Restaurant Equipment & Design.....	3
	Electives.....	2		Electives.....	1
	TOTAL	16		TOTAL	16

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¹ Ma 102 can be waived with math ACT 20 or placement into Ma 103 (by math placement test).

² Two hours must be taken from the following: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Two hours must be taken with a Bi prefix on the 300–500 level.

Bachelor of Science Degree, Business and Commercial Aviation Major

The Business and Commercial Aviation major provides preparation for a career as a commercial pilot. The flight courses provide ground and flight instruction for the Private Pilot Certificate followed by advanced training leading to the attainment of the instrument rating and the Commercial Pilot Certificate with ratings for single and multi-engine aircraft. Qualified students may participate in an internship. This major (39 hours) integrates the business, liberal arts and aviation courses. Students in other majors may use aviation courses as general electives but cannot declare any aviation program as a minor.

The costs for this course of study are listed under Financial Information. The costs for the flight courses are listed in the Courses of Instructions section under the School of Religion. All fees are subject to change if necessary and may vary with the type of aircraft used for the various aspects of the program. The flight fees are based on an allotted number of hours of instruction. If a student requires more than the allotted hours, he will incur additional charges.

Prerequisites for Flight Courses

1. FAA Second Class Medical Certificate. (Obtain before enrollment to ensure medical qualifications.)
2. Proof of U.S. citizenship through an original birth certificate, a valid unexpired passport or an original naturalization/citizenship certificate; and a U.S. drivers license or government-issued identification. Aliens must register with the Transportation Security Administration before flight training may begin.
3. Satisfactory personal interview by flight instructor and advisor.

4. If applicable, aviation challenge examinations may be taken the first eight weeks of enrollment. Students with previous aviation training should consult the section on Challenge Examination contained in the Academic Information.

First Year

Uni 101	Freshman Seminar	1	Bi 109	New Testament Messages	1
Bi 105	Old Testament Messages	1	FA 125	Introduction to the Arts	1
Ac 101	Principles of Accounting I	4	Com 101	Fundamentals of Speech	3
Av 101	Primary Ground School	2	Ac 205	Accounting Software, Small Business	2
Av 105	Solo Flight	1	Av 102	Basic Ground School	2
	Business Technology Elective ¹	3	Av 106	Private Pilot	1
	English Composition	3		Business Technology Elective ¹	3
	TOTAL	15		English Composition	3
				TOTAL	16

Second Year

Hi 101	History of Civilization	3	Hi 102	History of Civilization	3
BA 203	Principles of Management	3	Bi 230	Hermeneutics	2
HR 215	Intro to Human Resources Development	3	Mkt 205	Principles of Marketing	3
Av 203	Cross-Country Flight	2	Av 204	Advanced Cross-Country Flight	2
	English Literature or Writing Elec	3		Fine Arts Appreciation Elective ²	2
	Sophomore Bible Elective ³	1		Electives	2
	TOTAL	15		TOTAL	14

Third Year

Ma 108	Mathematics of Finance ⁴	3	Ph 200	Themes in Western Thought	3
Bi 401	Bible Doctrines	3	Bi 402	Bible Doctrines	3
Ps 200	General Psychology	3	BA 404	Business Statistics	3
BA 302	Business Law	3	Fin 201	Corporate Finance	3
Av 301	Instrument Ground School	3	Av 311	Commercial Ground School	3
Av 302	Instrument Flight	2		Electives	1
	TOTAL	17		TOTAL	16

Fourth Year

Sc 200	Essential Science	3	Bi 499	Apologetics and Worldview	3
SSE 200	Foundations of Economics	3	Com 410	Oral Communication for the Professions	3
BA 418	Management Policies	3	Av 402	Flight Instructor: Flight	1
Av 312	Commercial Maneuvers	1	Av 413	Commercial Preparation	1
Av 401	Flight Instructor Ground School	2	Av 414	Multiengine Flight	1
Av 431	Fixed Base Operations Management	3	Av 432	Airport Management	3
	Upper-Level Bible Elective ⁵	2	Av 434	Corporate Flight Department Mgmt	3
	TOTAL	17		Business Management Elective	3
				TOTAL	18

¹ Six hours must be taken from the following courses: BT 301 Records/Database Management, BT 306 Desktop Publishing, BT 309 Spreadsheet Applic for Business and BT 311 Web Applications for Business.

² Two hours must be taken from the following courses: Ar 225 Appreciation of Art, DP 225 Appreciation of Dramatic Arts & Film and Mu 225 Appreciation of Music.

³ One hour must be taken from the following courses: Bi 210 Bible Geography, Bi 215 Bible Prophecy, Bi 220 The Life & Ministry of Christ and Bi 225 Life & Ministry of Paul.

⁴ Students may substitute Ma 180 Introduction to Calculus, recommended for those considering graduate school.

⁵ Two hours must be taken with a Bi prefix on the 300–500 level.

• A minimum of 18 hour of aviation and the attainment of the Commercial Pilot Certificate with single- and multi-engine rating are required.

• Students can complete training for the Flight Instructor Certificate.

COURSES OF INSTRUCTION

Course Credit

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

Credit is given in semester hours, each semester hour representing 16 hours of class work or a minimum of 32 hours of laboratory work. Therefore, a class which meets for class work three hours a week and for laboratory work a minimum of two hours a week will give four semester hours of credit.

Distance Education Courses

The Center for Distance Learning is a division within the University which offers a wide variety of undergraduate and graduate courses taught by BJU faculty through their Divisions of Independent Learning and Online. Courses available are indicated by Distance Learning.

COLLEGE OF ARTS AND SCIENCE

Uni 101—Freshman 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 hour.*

DIVISION OF ENGLISH LANGUAGE AND LITERATURE

Department of English

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 hours. Prerequisite: En 103.*

CW 409—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. *First semester, three hours.*

CW 411—Short Story Writing.

Principles and techniques of writing short stories. *First semester, three hours. Prerequisite: CW 212.*

CW 412—Novel Writing.

Principles and techniques of writing novels. *Second semester, three hours. 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 hours. Prerequisite: CW 212 or DP 317.*

CW 414—Poetry Writing.

Principles and techniques of poetry composition. *Both semesters, three hours. 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 hours. Prerequisite: CW 212.*

CW 417—Play Writing.

Foundations of play writing with lab work in monologue, scenes and one-act plays. *Identical to DP 317. Both semesters, three hours. Prerequisite: CW 212, DP 105 or DP 225.*

English

En 100—Introduction to College English.

Basics of sentence structure, including parts of speech, sentence patterns, phrases and clauses. Emphasis on effective paragraph construction. *Not applicable toward baccalaureate English requirement. Both semesters, three hours.*

En 101—Composition & Grammar.

Review of sentence structure, punctuation, spelling, paragraph development and essay organization. Emphasis on expository writing. *Not applicable toward an English major or minor. Both semesters, three hours.*

En 102—Composition & Rhetoric.

Introduction to academic writing emphasizing argumentation, research, documentation and style; centering on the library paper. *Both semesters and summer, Distance Learning, three hours. Prerequisite: English ACT score 26 or above, English Diagnostic 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. *Both semesters and summer, Distance Learning, three hours. Prerequisite: En 102.*

En 202—British Literature.

A historical and critical survey of British literature from Beowulf to 1688. *Both semesters and summer, Distance Learning, three hours. Prerequisite: En 103.*

En 203—British Literature.

A historical and critical survey of British literature from 1688 to the present. *Both semesters, Distance Learning, three hours. Prerequisite: En 103.*

En 204—American Literature.

A historical and critical survey of American literature from colonial times to the present. *Education majors only. First semester, Distance Learning, three hours. Prerequisite: En 103. Excludes: En 205 and En 206.*

En 205—American Literature.

A historical and critical survey of American literature from colonial times to 1865. *Both semesters, Distance Learning, three hours. Prerequisite: En 103. Excludes: En 204.*

En 206—American Literature.

A historical and critical survey of American literature from 1865 to the present. *Both semesters, Distance Learning, three hours. Prerequisite: En 103. Excludes: En 204.*

En 300—Literary Criticism.

180 Critical principles, approaches, and technical concepts and terms important in the interpretation and evaluation of literature. Practice in the criticism of specific works. *First semester, Distance Learning, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 351—Shakespeare.

Selected comedies, histories and tragedies of Shakespeare. *Three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206. Excludes: En 511 and En 512.*

En 380—Classical & Medieval Literature.

Classical and medieval continental literature most influential upon English writers. In English translation. *Second semester, Distance Learning, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 381—Modern World Literature.

World literature since the Middle Ages, including major European and contemporary non-Western writers. *Both semesters, Distance Learning, three hours. 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, even-numbered years, three hours. 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, odd-numbered years, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 479—English Seminar.

Introduction to research tools in English and contemporary trends in literary criticism. *Not applicable toward a major or minor. Second semester, one hour.*

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 years, three hours. Prerequisite: En 202.

En 504—Milton.

The poetry and prose of John Milton, with primary emphasis upon *Paradise Lost*. *First semester, odd-numbered years, three hours. Prerequisite: En 202.*

En 505—Modern Poetry.

Major British and American poetry from 1914 to 1945. *Second semester, odd-numbered years, three hours. 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. *Second semester, even-numbered years, three hours. 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 hours. 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. *Second semester, three hours. 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 native and non-native speakers effective use of oral and written language. *First semester, Distance Learning, three hours. Prerequisite: En 103.*

En 510—Advanced Grammar for TESL.

Concentration on areas of English structure that are most important in teaching English as a second language. *Second semester, two hours. Prerequisite: En 509 and Li 301.*

En 511—Shakespeare: Early Plays.

Selected histories, comedies and early tragedies inclusive of *Hamlet*. *First semester, Distance Learning, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206. Excludes: En 351.*

En 512—Shakespeare: Late Plays.

Selected comedies, late romances and major tragedies exclusive of *Hamlet*. *Second semester, Distance Learning, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206. Excludes: En 351.*

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, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 516—Teaching English as a Second Language.

Theory and techniques for teaching oral and written English to students whose native language is not English. *Second semester, Distance Learning, three hours. Prerequisite: En 509.*

En 517—TESL Practicum.

Supervised structured experiences in a school setting with students whose native language is not English. School placement may vary according to the student's area of primary interest: K–5, 6–8 or 9–12. Students will observe, tutor individuals and small groups, help the cooperating teacher with various instructional activities, and teach at least three short lessons to a class. A minimum of 20 clock hours of acceptable activities is required. *Both semesters, one hour. Prerequisite: En 510 and En 516.*

En 521—Sixteenth Century Literature.

English literature from 1485 to 1603 inclusive of Shakespeare. *First semester, even-numbered years, three hours. Prerequisite: En 202.*

En 522—Seventeenth Century Literature.

English literature from 1603 to 1688 exclusive of Shakespeare. *Second semester, odd-numbered years, three hours. Prerequisite: En 202.*

En 525—Contemporary Poetry.

Major British and American poetry from 1945 to the present. *Second semester, odd-numbered years, three hours. 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. *Second semester, even-numbered years, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

En 531—Eighteenth Century Literature.

British literature from 1688 to 1789. *First semester, odd-numbered years, three hours. Prerequisite: En 203.*

En 532—British Romantic Literature.

British literature from 1789 to 1832. *First semester, even-numbered years, three hours. Prerequisite: En 203.*

En 533—Victorian Literature.

British literature from 1832 to 1914. *Second semester, even-numbered years, three hours. Prerequisite: En 203.*

En 541—Early American Literature.

American literature to 1820. *Second semester, even-numbered years, three hours. Prerequisite: En 204 or En 205.*

En 542—American Romantic Literature.

American literature from 1820 to 1865. *Second semester, odd-numbered years, three hours. Prerequisite: En 204 or En 205.*

En 543—American Realistic Literature.

American literature from 1865 to 1914 inclusive of naturalism. *First semester, odd-numbered years, three hours. 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. *Identical to DP 596. Summer only, three hours.*

En 597—Field Work: TESL.

Practical experience teaching English as a second language in a foreign country. *Not applicable toward a major or minor. Summer only, three hours.*

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. *Summer only, three hours.*

En 599—American Studies: Literature.

Study tour of the Eastern United States designed to include locations representing the American literary heritage. *Summer only, three hours.*

Department of Linguistics**Li 301—Descriptive Linguistics.**

An introduction to phonology, morphology and syntax. Survey of current theoretical approaches. *First semester, three hours. 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 hours. 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 hours. 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, odd-numbered years, two hours.*

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, odd-numbered years, three hours.*

Li 512—Grammar in Use.

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, odd-numbered years, two hours.*

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, odd-numbered years, two hours. 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 hours of Greek and six hours of Hebrew are strongly recommended. Summer only, odd-numbered years, three hours. 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, odd-numbered years, one hour. Prerequisite: Li 520.*

Department of Philosophy

Ph 200—Themes in Western Thought.

Selected philosophical ideas of continuing importance in Western thought from Socrates onward. *Both semesters, three hours.*

Ph 300—Introduction to Philosophy.

General concepts and issues in philosophy with readings in major texts. *Second semester, Distance Learning, three hours.*

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. *First semester, three hours.*

Ph 303—Ancient & Medieval Philosophy.

Major figures and movements in classical and medieval philosophy. *First semester, even-numbered years, three hours.*

Ph 304—Modern Philosophy.

Major figures and movements in Western philosophy from the seventeenth through the nineteenth century. *Second semester, odd-numbered years, three hours.*

Ph 305—Contemporary Philosophy.

Major figures and movements in Western philosophy since the nineteenth century. *Second semester, even-numbered years, three hours.*

Ph 308—Eastern Philosophy.

Major Eastern philosophies and their influence on the West. *Three hours.*

Ph 402—Ethics.

The meaning and purpose of ethics, with emphasis on Christian principles of action. Historical and practical approach to the problem of right conduct. *Both semesters, Distance Learning, three hours.*

Ph 405—Aesthetics.

Concepts of beauty and art and artistic criteria from Plato onward with attention to present issues of artistic validity. *First semester, odd-numbered years, three hours.*

Ph 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. *Second semester, three hours.*

DIVISION OF FOREIGN LANGUAGE AND LITERATURE

Department of Modern Languages

Chinese**MLC 121—Elementary Chinese I.**

The fundamentals of grammar for oral communication in Mandarin Chinese, and introduction to simple characters of the writing system. *First semester, three hours. Prerequisite: Placed into MLC 121.*

MLC 122—Elementary Chinese II.

The fundamentals of grammar for oral communication in Mandarin Chinese and introduction to simple characters of the writing system continued. *Second semester, three hours. Prerequisite: Placed 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 hours. Prerequisite: Placed 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 hours. Prerequisite: Placed into MLC 222 or MLC 221.*

MLC 320—Chinese Communication.

Designed to develop fluency in Chinese through discussion of Chinese plays and readings on Chinese life. *First semester, three hours. Prerequisite: MLC 222.*

French**MLF 101—Elementary French I.**

The fundamentals of grammar for oral and written communication. Not applicable toward a French major. *Both semesters, three hours. Prerequisite: Placed into MLF 101.*

MLF 102—Elementary French II.

The fundamentals of grammar in oral and written communication. Not applicable toward a French major. *Both semesters, three hours. Prerequisite: Placed into MLF 102 or MLF 101.*

MLF 201—Intermediate French I.

Grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three hours. Prerequisite: Placed into MLF 201 or MLF 102.*

MLF 202—Intermediate French II.

Continued grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters and summer, three hours. Prerequisite: Placed into MLF 202 or MLF 201.*

MLF 303—French Civilization.

Survey of the history, geography, people and customs of France from earliest times to 1715. *Second semester, even-numbered years, three hours. Prerequisite: MLF 202.*

MLF 304—French Civilization.

Survey of the history, geography, people and customs of France from 1715 to the present. *Second semester,*

odd-numbered years, three hours. Prerequisite: MLF 202.

MLF 305—French Conversation.

Designed to increase fluency in speaking French. *First semester, three hours. Prerequisite: MLF 202.*

MLF 306—French Composition.

Grammar and principles of writing in French. *Second semester, three hours. Prerequisite: MLF 202.*

MLF 307—Survey of French Literature.

From the earliest times through the eighteenth century. *First semester, odd-numbered years, three hours. Prerequisite: MLF 202.*

MLF 308—Survey of French Literature.

From the beginning of the nineteenth century to the present. *First semester, even-numbered years, three hours. Prerequisite: MLF 202.*

MLF 401—Eighteenth Century French Literature.

Prose, poetry and philosophy; special emphasis on French contribution to the Era of Enlightenment. *Three hours. Prerequisite: MLF 305 or MLF 306.*

MLF 402—French Romanticism.

Development of French Romanticism from 1800 to 1850. *Three hours. Prerequisite: MLF 305 or MLF 306.*

MLF 403—French Realism & Naturalism.

Realism through naturalism in prose and poetry (1850-1900). *Three hours. Prerequisite: MLF 305 or MLF 306.*

MLF 407—Seventeenth Century French Literature.

Philosophy, drama and poetry, with main emphasis on Descartes, Pascal, Corneille, Racine, Moliere and La Fontaine. *Three hours. Prerequisite: MLF 305 or MLF 306.*

MLF 408—Contemporary French Literature.

A study of the French novel, theater and poetry from 1935 to present. *Three hours. Prerequisite: MLF 305 or MLF 306.*

MLF 409—Advanced French Grammar & Composition.

Subtleties of style, syntax and idioms in French. *First semester, even-numbered years, three hours. Prerequisite: MLF 305 or MLF 306.*

MLF 479—French Seminar.

Required of all students majoring in French. Preparation for oral proficiency interview. *Not applicable toward a major or minor. First semester, one hour.*

MLF 499—Studies Abroad: French.

On-location study of history, art, music, architecture, political structure, and educational system and facilities in France or Quebec, Canada. Practice of conversation skills with native speakers. *Distance Learning only, three hours.*

German

MLG 111—Elementary German I.

The fundamentals of grammar for oral and written communication. Not applicable toward a German major. *Both semesters, three hours. Prerequisite: Placed into MLG 111.*

MLG 112—Elementary German II.

The fundamentals of grammar for oral and written communication continued. Not applicable toward a German major. *Both semesters, three hours.*

Prerequisite: Placed into MLG 112 or MLG 111.

MLG 211—Intermediate German I.

Grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three hours. Prerequisite: Placed into MLG 211 or MLG 112.*

MLG 212—Intermediate German II.

Continued grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three hours. Prerequisite: Placed into MLG 212 or MLG 211.*

MLG 310—Oral & Written Composition.

Grammar and the principles of composition. *First semester, three hours. Prerequisite: MLG 212.*

MLG 312—German Conversation.

Designed to develop fluency in spoken German. *Second semester, three hours. Prerequisite: MLG 212.*

MLG 313—Survey of German Literature.

German literature from the earliest times to 1785. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 314—Survey of German Literature.

German literature from 1785 to the present. *First semester, even-numbered years, three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 317—German History.

History of the German people from A.D. 140 to 1806. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 318—German History.

History of the German people from 1806 to the present. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 410—Advanced German Grammar/Composition.

Subtleties of style, syntax and idioms in German. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 411—Eighteenth Century German Literature.

Prose, poetry and philosophy; special emphasis on the Era of Enlightenment. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 412—German Romanticism.

Representative literature, with lectures on the Romantic Movement. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 415—Goethe's Faust.

A thorough treatment of the drama. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 416—Nineteenth Century German Literature.

Romanticism to naturalism in poetry and prose. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 417—Twentieth Century German Literature.

Prose and poetry of contemporary authors as reaction to events in twentieth-century Germany, particularly the World Wars. *Three hours. Prerequisite: MLG 310 or MLG 312.*

MLG 479—German Seminar.

Required of all students majoring in German. Preparation for oral proficiency interview. *Not applicable toward a major or minor. First semester, one hour.*

MLG 499—Studies Abroad: German.

On-location study of history, art, music, architecture, political structure, and educational system and facilities in France, Belgium, Germany and Switzerland.

Practice of conversation skills with native speakers. *Summer only, three hours.*

Spanish

MLS 141—Elementary Spanish I.

The fundamentals of grammar for oral and written communication. Not applicable toward a Spanish major. *Both semesters, three hours. Prerequisite: Placed into MLS 141.*

MLS 142—Elementary Spanish II.

The fundamentals of grammar for oral and written communication continued. Not applicable toward a Spanish major. *Both semesters, three hours. Prerequisite: Placed into MLS 142 or MLS 141.*

MLS 241—Intermediate Spanish I.

Grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters, three hours. Prerequisite: Placed into MLS 241 or MLS 142.*

MLS 242—Intermediate Spanish II.

Continued grammar review and expansion, culture, oral and written communication, and introduction to literature. *Both semesters and summer, three hours. Prerequisite: Placed into MLS 242 or MLS 241.*

MLS 243—Spanish for Heritage Speakers.

Advanced instruction for students with existing native speaker skills in the Spanish language but who have never formally studied the structure of the language. Course includes grammar, written communication, vocabulary and culture, as well as comparing and contrasting Spanish and English to enhance communication in both languages. *Three hours.*

MLS 340—Introduction to Spanish Literature.

An overview of Spanish and Spanish-American literature with principles of literary analysis; principally for non-native speakers of Spanish. *Three hours. Prerequisite: MLS 242.*

MLS 341—Spanish Composition.

Grammar and principles of writing in Spanish. *Three hours. Prerequisite: MLS 242.*

MLS 342—Spanish Conversation.

Designed to increase fluency in speaking Spanish. *Three hours. 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 hours. Prerequisite: MLS 341 or MLS 342.*

MLS 344—Civilization of Spain.

The history and culture of Spain from earliest times to the present. *Three hours. Prerequisite: MLS 341 or MLS 342.*

MLS 346—Survey of Spanish Literature.

Masterpieces of Spanish literature from the eighteenth century to the present. *Three hours. Prerequisite: MLS 341 or MLS 342.*

MLS 441—Advanced Spanish Grammar/Composition.

Subtleties of style, syntax and idioms in Spanish. *Three hours. 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 hours. Prerequisite: MLS 341 or MLS 342.*

MLS 446—Golden Age Spanish Literature.

Poetry and prose of the Spanish golden age. *Three hours. Prerequisite: MLS 341 or MLS 342.*

MLS 447—Spanish-American Literature.

The principal literary works of Spanish America from earliest times to 1880. *Three hours. Prerequisite: MLS 341 or MLS 342.*

MLS 448—Spanish-American Literature.

The principal literary works of Spanish America from 1880 to the present. *Three hours. Prerequisite: MLS 341 or MLS 342.*

MLS 449—Twentieth Century Spanish-American Fiction.

Detailed study of the 20th century Spanish-American fiction on the basis of selected representative works. *Three hours. Prerequisite: MLS 341 or MLS 342.*

MLS 450—Technical Spanish.

Spanish for health professionals, law-enforcement and business; internship in a local agency. *Three hours. 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 major or minor. Both semesters, one hour.*

MLS 496—Studies Abroad: Spanish.

On-location immersion course in Spain with emphasis on contemporary culture. Field trips to places of historical interest. *Three hours.*

MLS 497—Studies Abroad: Spanish.

On-location immersion course in Spain with emphasis on grammar, linguistics, and oral and written communication. *Three hours.*

MLS 499—Studies Abroad: Spanish.

On-location study of diverse cultural practices, products and perspectives in a Spanish-speaking country. Features practice of communication skills with native speakers. Emphasis on Christian missions. *Three hours.*

DIVISION OF NATURAL SCIENCE

General Science

Sc 103—Biological Science.

The more essential and practical phases of cell biology and botany. *Lecture and lab. Both semesters, four hours.*

Sc 105—Physical Science.

The more essential and practical phases of chemistry, physics, geology, astronomy and meteorology. *Lecture and lab. Both semesters, four hours.*

Sc 110—Physical Therapy Survey.

An introduction to the physical therapy profession including a survey of the history, ethics, specialties, legal issues, case studies, advances and current issues of physical therapy and other allied health areas. *Not applicable toward a major or minor. First semester, one hour.*

Sc 179—Seminar in Bible & Science.

A one-week seminar designed to place science in proper perspective in relation to Scripture. Lectures on Christian philosophy of science, limitations of

science, scientific methods, the origin of life, theories of evolution, etc. This course is of special interest to Christian school principals, school teachers, pastors, youth directors and church workers. *One hour.*

Sc 200—Essential Science.

A biblical and conceptual view of science applied to important issues including cosmology, creation/evolution and the environment. *Both semesters, three hours.*

Sc 207—General Geology.

The general composition, structure and processes of the earth. *Lecture and lab. Second semester, three hours.*

Department of 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 hours. 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 hours. 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 a Premed major, Biology major or minor, or Science Education major. Both semesters, four hours. Excludes: Bio 100.*

Bio 200—Invertebrate Zoology.

Biology and classification of representative invertebrates. *Lecture and lab. Both semesters, four hours. Prerequisite: Bio 100.*

Bio 201—Vertebrate Zoology.

Introduction to vertebrate zoology including aspects of their ecology, life history and behavior. *Lecture and lab. Second semester, four hours. Prerequisite: Bio 100.*

Bio 202—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 hours. Prerequisite: Bio 101. Requisite: Chm 103.*

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 hours. Prerequisite: Bio 101.*

Bio 205—Parasitology.

Introduction to the biology of parasitism, with an emphasis on Protozoan and Helminthic human parasites. Parasites are studied in regard to life cycle, distribution, pathogenicity, immunity and control. *Lecture and lab. Recommended prerequisite: Bio 200. Second semester, four hours. Prerequisite: Bio 100.*

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 hours. 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 hours. Prerequisite: Bio 208.*

Bio 210—Research Methods & Analysis.

Introduction to the formulation of a scientifically testable hypothesis as well as the design and execution of appropriate experiments. Also includes instruction in data analysis and reporting on the findings in journal article format. *Second semester, one hour. Prerequisite: Ma 210. Corequisite: Bio 203 or Bio 209.*

Bio 215—Biology of Vascular Plants.

Structures and functions of cells, tissues and organs of vascular plants. Emphasis will be on photosynthesis, plant-water relations, organic and mineral nutrition, secondary metabolites, xylem and phloem transport, and growth/development. *Lecture and Lab. Second semester, four hours. Prerequisite: Bio 208.*

Bio 300—Evolution and 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 world view regarding evolution and origins. *First semester, three hours. Prerequisite: Bio 203, Bio 208 or Bio 303.*

Bio 302—Developmental Biology.

Gametogenesis, fertilization and embryological development of sea urchins, frogs, birds and mammals. Special emphasis will be placed on the genetics of development, genomic equivalence, differential gene expression, localized cytoplasmic determinants, cell-to-cell communication, pattern formation, induction and axis formation. *Lecture. Second semester, four hours. Prerequisite: Bio 202 and Bio 203.*

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 hours. Prerequisite: Bio 100 or Bio 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; development of embryo and fetus. *Lecture and lab. First semester, four hours. Prerequisite: Bio 303.*

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. *First semester, odd-numbered years, four hours. 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 to Biochemistry or Pre-Physical Therapy. Second semester and summer, four hours. Prerequisite: Bio 100 or Bio 102.*

Bio 312—Pharmacology.

Emphasis on biological systems and major classifications of drug studies within the framework of nursing interventions. *Not applicable toward a major or minor. Nursing only. Second semester, two hours. Prerequisite: Bio 303 and Bio 304.*

Bio 315—Advanced Pharmacology.

Emphasis on drugs used in medical-surgical, critical care and psychiatric nursing. *Not applicable toward a major or minor. Nursing only. First semester, two hours. Prerequisite: Bio 312. Corequisite: Nu 300.*

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. Laboratory work focuses on the metabolism, identification and physiology of bacteria. *Second semester, four hours. Prerequisite: Bio 202 and Bio 203 or Bio 209.*

Bio 409—Independent Study.

Library and laboratory study of a problem chosen in consultation with the biology faculty. *Limited to biology majors. Prerequisite: Approval of department chairman. First semester, one hour.*

Bio 410—Independent Study.

Library and laboratory study of a problem chosen in consultation with the biology faculty. *Limited to biology majors. Prerequisite: Approval of department chairman. Second semester, one hour.*

Bio 411—Research in Biology.

A biological research problem is chosen in consultation with the biology faculty. Findings of full-time laboratory research will be communicated in a com-

prehensive paper in journal article format. *Both Bio 411 and 412 must be completed to earn credit. Only two hours may be applied toward Biology major requirement. Prerequisite: Approval of department chairman. Four hours.*

Bio 412—Research in Biology.

A biological research problem is chosen in consultation with the biology faculty. Findings of full-time laboratory research will be communicated in a comprehensive paper in journal article format. *Both Bio 411 and 412 must be completed to earn credit. Only two hours may be applied toward meeting Biology major requirement. Prerequisite: Approval of department chairman. Four hours. Prerequisite: Bio 411.*

Bio 479—Critical Evaluation of Biology Literature.

Critical evaluation, in terms of experimental design and conclusions, of research studies published in biological literature in terms of experimental design and conclusions. Student critique is given in oral presentations and in several written papers. Required of all students majoring in Biology. *Not applicable toward a major or minor. First semester, one hour.*

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 2000 words or more reflecting on the knowledge and perspective gained through the observations is required. *Both semesters, one hour. Prerequisite: Bio 303 and Bio 304.*

Bio 501—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, even-numbered years, four hours. Prerequisite: Bio 209.*

Bio 502—General Entomology.

Morphology, physiology, life histories and economic importance of insects; emphasis on classification. *Lecture and lab. Four hours. Prerequisite: Bio 209.*

Bio 503—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 hours. Prerequisite: Bio 202.*

Bio 504—Immunology.

Introduction to basic immunobiology and immunology. The role of innate and acquired immunity, specifically the cellular and molecular features in the humoral and cell-mediated functions in the human body. *Second semester, three hours. Prerequisite: Bio 202.*

Bio 505—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 hours. Prerequisite: Bio 202.*

Bio 506—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 and developmental biology. Laboratory investigation of cellular and molecular phenomena. *Lecture and lab. Second semester, four hours. Prerequisite: Bio 505 and Chm 405.*

Department of 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 hours.*

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 hours. 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. *First semester, four hours. 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 hours. 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 hours. Prerequisite: Math ACT score 26 or above, Mathematics Placement Test, Placed into Ma 105, Ma 103, Ma 105, Ma 200 or Ma 201.*

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. First semester, four hours. 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 reactions mechanisms. *Lecture and lab. First semester, four hours. 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 hours. Prerequisite: Chm 203 and Chm 104 or Chm 106.*

Chm 207—Analytical Chemistry.

The separation and analysis of chemical substances. Spectroscopy, electrochemistry, chromatography, gravimetric and volumetric analysis. *Lecture and lab. Second semester, four hours. 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, odd-numbered years, two hours. 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 years, four hours. Prerequisite: Chm 204, Ma 201 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, even-numbered years, four hours. Prerequisite: Chm 303. Excludes: Phy 402.*

Chm 310—X-ray Diffraction Analysis.

X-ray properties, crystal geometry and diffraction theory: direction and intensity of diffracted beams. Crystal structure determination and identification utilizing powder camera and diffractometer techniques. *Lecture and lab. Second semester, three hours. Prerequisite: Chm 103.*

Chm 403—Research in Chemistry I.

Team-based laboratory and literature work on a research project chosen by a member of the chemistry faculty. Intensive literature review, comprehensive written and oral research proposals. *First semester, two hours. Prerequisite: Chm 207 or Chm 304.*

Chm 404—Research in Chemistry II.

Team-based laboratory and literature work on a research project chosen by a member of the chemistry faculty. Laboratory work, final written and oral reports. *Second semester, one hour. Prerequisite: Chm 403.*

Chm 405—Biochemistry I.

Structure of macromolecules, proteins, enzymes, bioenergetics, glycolysis and introduction to metabolism. *Lecture and lab. First semester, four hours. Prerequisite: Chm 204.*

Chm 406—Biochemistry II.

Electron transport and oxidative phosphorylation; carbohydrate, lipid and amino acid metabolism; membrane structure and transport. *Lecture and lab. Second semester, four hours. 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. *Second semester, odd-numbered years, three hours. Prerequisite: Chm 204.*

Chm 409—Inorganic Chemistry.

Atomic and molecular structure, bonding, chemical forces, acid-base chemistry and coordination chemistry. *First semester, odd-numbered years, three hours. Prerequisite: Chm 204 and Ma 201.*

Chm 412—Chemical Spectroscopy.

Theoretical basis of spectroscopy, fundamentals of spectrometer design, organic and inorganic quantitative analysis based on a variety of spectroscopic techniques. A major paper on NMR is written. *Lecture and lab. First semester, odd-numbered years, four hours. Prerequisite: Chm 204.*

Department of Physics and Engineering**Astronomy****As 250—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 hours.*

As 251—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, three hours.*

As 303—Observational Astronomy.

Study of the methods for the collection and analysis of astronomical data. *First semester, two hours. Prerequisite: Phy 202.*

As 490—Research in Astronomy.

Research project in astronomy under faculty supervision. *Both semesters, one hour.*

Electronics**Ele 102—Engineering Graphics I.**

Basic use of drawing instruments, training in lettering, and preparation of schematics and graphic reports. *Both semesters, one hour.*

Ele 108—Electronics I.

AC, DC, resistance, inductance, capacitance. Networks and theorems. *Lecture and lab. First semester, three hours. Corequisite: Ma 103.*

Ele 109—Electronics II.

Vector solutions of complex quantities, transformers, series and parallel resonance. *Lecture and lab. Second semester, three hours. Prerequisite: Ele 108. Corequisite: Ma 105.*

Ele 201—Solid State Applications I.

Application of linear transistor circuits with negative feedback. *Lecture and lab. First semester, three hours. Prerequisite: Ele 109 or Ele 206.*

Ele 202—Solid State Applications II.

Application of linear transistor circuits with frequency correcting networks in the feedback loop. *Lecture and lab. Second semester, three hours. Prerequisite: Ele 201.*

Ele 203—Power Systems.

Single and polyphase circuits, rectifiers and filters.

Lecture and lab. First semester, three hours. Prerequisite: Ele 109 or Ele 206.

Ele 205—Basic Circuit Analysis I.

An analysis of AC and DC circuits with emphasis on networks, theorems and circuit response. *Lecture and lab. First semester, three hours. Prerequisite: Ma 200. Corequisite: Ma 201.*

Ele 206—Basic Circuit Analysis II.

An analysis of AC and DC circuits with emphasis on networks, theorems and circuit response. *Lecture and lab. Second semester, three hours. Prerequisite: Ele 205.*

Ele 207—Electric Machinery.

A study of AC and DC machines, energy conversion and transmission of energy. *First semester, three hours. Prerequisite: Ele 206 or Ma 180.*

Ele 209—Digital Electronics.

A study of digital components including flip-flops, registers, adders, memory devices and programmable logic. Also includes a study of Boolean algebra, Karnaugh maps and digital logic design techniques. *Lecture and lab. Both semesters, three hours.*

Ele 306—Linear Integrated Circuits.

Phase-locked loops, timers and operational amplifiers as linear amplifiers, oscillators and comparators. *Lecture and lab. Second semester, three hours. Prerequisite: Ele 109 or Ele 206.*

Ele 307—Engineering Graphics II.

Introduction to computer-aided drafting and design using Microstation and AutoCAD. *Identical to CpS 207. Both semesters, three hours. Prerequisite: Ele 102.*

Ele 308—Programmable Logic Controllers.

A study of programmable controllers and their interfacing with the environment. *Lecture and lab. Second semester, three hours. Prerequisite: Ele 209.*

Ele 311—Data Communication Systems.

A survey of modern data communications techniques and systems including Satellite Communications, Digital Modulation, Cable and Fiber-optic Networks, and Remote Control Systems. *Second semester, three hours. Prerequisite: Ele 209.*

Ele 312—Communications Circuits.

An analysis of circuits used in generating, amplifying, modulating, demodulating and signal processing in modern communication systems, including AM and FM. *First semester, odd-numbered years, three hours. Prerequisite: Ele 201.*

Ele 401—Radiation & Propagation.

Wave propagation, radiation and transmission lines, with emphasis on broadcast antennas. *First semester, even-numbered years, three hours. Prerequisite: Ele 109 or 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 hours. Prerequisite: CpS 230.*

Ele 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, one hour.*

Ele 406—Mechatronics.

Characteristics and design of computerized electro-mechanical systems including robots. Lab includes a large interdisciplinary group design project. *Lecture and lab. First semester, three hours. Prerequisite: Ele 202.*

Ele 407—Linear System Analysis.

Continuous and discrete signals and systems. Laplace transforms. Fourier series and Fourier transforms. *Lecture and lab. First semester, three hours. Prerequisite: Ele 206 and Ma 302.*

Ele 408—Linear Control Systems.

Topics include system representation, time and frequency response, stability and application of state variables. *Lecture and lab. Second semester, three hours. Prerequisite: Ele 407.*

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 hours.*

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 hours. 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 hours. Prerequisite: Eng 200.*

Eng 308—Electromagnetics I.

Electrostatics, magnetostatics and electrodynamics from theoretical and applied perspectives using multi-variable calculus. *First semester, three hours. Prerequisite: Ma 302 and Phy 202.*

Eng 309—Electromagnetics II.

Electrodynamics, Faraday's Law, Maxwell's equations, propagation of electromagnetic waves, magnetism, optical properties, relativity. *Second semester, three hours. 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 hours. Prerequisite: Chm 107 and Phy 202.*

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, one hour.*

Eng 406—Mechatronics.

Characteristics and design of computerized electro-mechanical systems including robots. Lab includes a large interdisciplinary group design project. *Lecture*

and lab. First semester, three hours. Prerequisite: Eng 200.

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 hours. Corequisite: Ma 103.*

Phy 102—Intermediate Physics.

Rotation, wave motion, fluids, heat, thermodynamics, electricity, magnetism and optics. *Lecture and lab. Second semester, five hours. Prerequisite: Phy 101.*

Phy 110—Physics Survey.

An introduction to physics as an academic subject, career possibilities and basic laboratory experience in physics experiments. *Both semesters, one hour.*

Phy 201—General Physics I.

Mechanics force, kinematics, dynamics, rotational motion and wave motion. *Lecture and lab. First semester, four hours. Prerequisite: Ma 200. Corequisite: Ma 201.*

Phy 202—General Physics II.

Heat, electricity, magnetism, musical sounds, light color, optical instruments, and nuclear and atomic structure. *Lecture and lab. Second semester, five hours. Prerequisite: Phy 201. Corequisite: Ma 301.*

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. *First semester, two hours. Prerequisite: Phy 202.*

Phy 308—Electromagnetics I.

Electrostatics, magnetostatics and electrodynamics from theoretical and applied perspectives using multi-variable calculus. *First semester, three hours. Prerequisite: Ma 302 and Phy 202.*

Phy 309—Electromagnetics II.

Electrodynamics, Faraday's Law, Maxwell's equations, propagation of electromagnetic waves, magnetism, optical properties, relativity. *Second semester, three hours. Prerequisite: Eng 308 or Phy 308.*

Phy 356—Theoretical & Applied Mechanics I.

Matrix and vector analysis, Newtonian mechanics, relativistic mechanics, gravitational attraction and potentials, oscillatory motion and nonlinear oscillations. *First semester, three hours. Prerequisite: Ma 301 and Phy 202.*

Phy 357—Theoretical & Applied Mechanics II.

Calculus of variations, Lagrangian mechanics, Hamiltonian mechanics, celestial mechanics, central force motion, multiparticle systems, non-inertial reference frames, rigid body motion, mechanical wave motion and Fourier analysis. *Second semester, three hours. 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. *First semester, odd-numbered years, three hours. Prerequisite: Chm 104 and Ma 301. Excludes: Chm 303.*

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, three hours. Prerequisite: Phy 202.*

Phy 408—Modern Physics.

The Kinetic Theory, the electron, the theory of Special Relativity, relativistic energy and momentum, and relativistic collisions. *Second semester, three hours. Prerequisite: Phy 202. Corequisite: Ma 301.*

Phy 409—Introduction to Quantum Mechanics I.

Introduction to the formal principles of Quantum Mechanics. Includes black body radiation, photoelectric effect, Compton effect, Bohr model, basic postulates of quantum mechanics, wave packets and uncertainty relations; the Schrodinger equation, structure of wave mechanics and operator methods; multiparticle systems and the Pauli Principle, angular momentum and spin; perturbation theory. *First semester, three hours. Prerequisite: Phy 408.*

Phy 410—Introduction to Quantum Mechanics II.

General theory of angular momentum, approximation methods, scattering theory, radiation theory; applications to atomic, molecular, condensed matter, nuclear and particle physics. *Second semester, three hours. Prerequisite: Phy 409.*

Phy 490—Research in Physics.

Research project in physics under faculty supervision. *Both semesters, one hour.*

Phy 497—Independent Study.

Student collaboration in ongoing research with a faculty member in his research area with a goal of publication and presentation of results at an undergraduate or professional conference. *One hour.*

Phy 498—Independent Study.

Student collaboration in ongoing research with a faculty member in his research area with a goal of publication and presentation of results at an undergraduate or professional conference. *Two hours.*

Phy 499—Independent Study.

Student collaboration in ongoing research with a faculty member in his research area with a goal of publication and presentation of results at an undergraduate or professional conference. *Three hours.*

DIVISION OF MATHEMATICAL SCIENCES**Department of Mathematics****Ma 101—Basic College Mathematics.**

A survey course. Topics include real number system expressions and equations emphasizing practical elementary mathematics. *Required of students with math ACT below 18. Not open to those with math ACT above 19. Not open to education majors with math ACT of 18 or 19. All such should take Ma 102. If your math ACT is 14 or below you must register for the help class, MA 191. Not applicable toward a major or minor. Both semesters, Distance Learning, three hours.*

Ma 102—Intermediate College Mathematics.

Continuation of Ma 101 that emphasizes practical elementary mathematics applying the techniques of algebra. *Not open to those with math ACT above 22. Not applicable toward a major or minor. Both semesters, Distance Learning, three hours. Prerequisite: Ma 101 or placed into Ma 102.*

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, three hours. Prerequisite: Ma 102 or placed into Ma 103.*

Ma 105—Transcendental Functions.

A review of exponential, logarithmic, trigonometric functions and their graphs. Suggested calculator: TI 83, 84, Nspire, 89 or Nspire CAS. *Both semesters, three hours. Prerequisite: Ma 103 or placed into Ma 105.*

Ma 108—Mathematics of Finance.

Simple interest, internal rate of return, discount interest, discounted securities, compound interest, nominal and effective rates, annuities, debt retirement via amortization or sinking funds, valuation of bonds, yield rate, valuation of stocks, depreciation, cash flow analysis and capitalized cost. Required calculator: TI 83, 84, or Nspire. TI 89 or Nspire CAS may be used with permission. *Not applicable toward a major or minor. Both semesters and summer, three hours. Prerequisite: Math ACT score 20 or above, Placed into Ma 103, Placed into Ma 105, Placed into Ma 200 or Ma 102.*

Ma 109—Mathematics for Teachers.

A study of mathematics properties, processes and symbols for prospective teachers on the elementary level. Sets, relations, number theory, the real number system and problem solving. *Not applicable toward a major or minor. First semester, three hours. Prerequisite: Math ACT score 20 or above, Placed into Ma 103, Placed into Ma 105, Placed into Ma 200 or Ma 102.*

Ma 110—Mathematics for Teachers.

A study of mathematics properties, processes and symbols for prospective teachers on the elementary level. Measurement, the metric system, geometry, congruence, coordinate geometry, probability and statistics. *Not applicable toward a major or minor. Second semester, three hours. Prerequisite: Ma 109.*

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 math major or minor. May be waived by placement. Required of all before taking first 300 level math class unless waived by passing Mathematics Reasoning placement test. Second semester, three hours.*

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. Second semester, even-numbered years, three hours. Prerequisite: Math ACT 20 or above, Ma 102 or placed into Ma 103 or higher.*

Ma 200—Calculus I.

Introduction to analytic geometry, functions, limits and differentiation of algebraic functions, and applications. Required calculator: TI 89 or Nspire CAS (or TI 83, 84, or Nspire if final math class). *Both semesters, three hours. Prerequisite: Math ACT 32-36, Ma 105 or placed into Ma 200.*

Ma 201—Calculus II.

A continuation of Ma 200. Topics include definite integration, differentiation and integration of transcendental functions and other algebraic curves, and applications. Required calculator: TI 89 or Nspire CAS. *Both semesters, three hours. Prerequisite: Ma 200.*

Ma 208—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. *Second semester, odd-numbered years, three hours. Prerequisite: Ma 210 and Ma 180 or Ma 200.*

Ma 210—Elementary Statistics.

Descriptive statistics, elementary probability, the study of the binomial, uniform, and normal probability distributions, point and interval estimations, and elementary hypothesis testing. Required calculator: TI 83, 84 or Nspire. TI 89 or Nspire CAS may be used with permission. *Not applicable toward a major or minor. Both semesters and summer, three hours.*

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, theory of transformational geometry, analytical geometry and conics. Experience with *Geometer's Sketchpad*. *Not applicable toward a mathematics or actuarial science major or minor. Second semester, three hours.*

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 hours. Prerequisite: Ma 200 and Math Proof Techniques Test or Ma 150.*

Ma 301—Calculus III.

A continuation of Ma 201. Topics include solid analytic geometry, parametric equations, and Maclaurin and Taylor series. Required calculator: TI 89 or Nspire CAS. *Both semesters, three hours. Prerequisite: Ma 201 and Math Proof Techniques Test*

Ma 302—Calculus IV.

Functions of more than one variable, partial differentiation, multiple integration, vector analysis, theorems of Green and Stokes. Required calculator: TI 89 or Nspire CAS. *Both semesters, three hours. Prerequisite: Ma 301*

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 hours. Prerequisite: Ma 105, Ma 200, Ma 201, Ma 301 or Ma 302, and Math Proof Techniques Test or Ma 150.*

Ma 380—Actuarial Science I.

The economics of insurance. Topics include utility theory, applications of probability to problems of life and death, and multiple life functions, and the determination of premiums for insurance and annuities in both the discrete and continuous case. *First semester, odd-numbered years, three hours. Prerequisite: Ma 201, Ma 210 and Math Proof Techniques Test or Ma 150.*

Ma 381—Actuarial Science II.

The economics of insurance. Topics include utility theory, applications of probability to problems of life and death, and multiple life functions, and the determination of premiums for insurance and annuities in both the discrete and continuous case. *Second semester, odd-numbered years, three hours. Prerequisite: Ma 380.*

Ma 388—Actuarial Exam I Preparation.

This course is a self-study course designed to prep the student for the first actuarial exam. *First semester, one hour.*

Ma 390—Operations Research I.

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. *Second semester, even-numbered years, three hours. Prerequisite: Ma 300.*

Ma 391—Operations Research II.

A study of deterministic methods employed in operations research. Topics include specific cases of linear programming problems as well as integer and non-linear programming. *Second semester, even-numbered years, three hours. Prerequisite: Ma 390.*

Ma 479—Mathematics Seminar.

Required of all students majoring in Mathematics. Gives senior math majors an opportunity to examine difference facets of a career in Mathematics. These facets include independent study of an advanced topic and presenting that study to a group of his peers. *Not applicable toward a major or minor. First semester, one hour.*

Ma 488—Actuarial Exam II Preparation.

First semester, one hour.

Ma 501—Elementary Number Theory.

Divisibility, congruences, theorems of Fermat and Wilson, primitive roots, indices and quadratic reciprocity. Required calculator: TI 89 or Nspire CAS. *Second semester, three hours. Prerequisite: Ma 201 and Math Proof Techniques Test or Ma 150.*

Ma 502—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. *Second semester, three hours.*
Prerequisite: Ma 201, Ma 300.

Ma 503—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 hours. Prerequisite: Ma 302.*

Ma 504—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 hours.*
Prerequisite: Ma 301.

Ma 505—Probability & Statistics II.

Type of convergence in probability, law of large numbers, Chebychevs 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. *Second semester, three hours. Prerequisite: Ma 504.*

Ma 506—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 hours.*
Prerequisite: Ma 300, Ma 302.

Ma 507—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. *First semester, three hours. Prerequisite: Ma 300.*

Ma 509—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 hours. Prerequisite: Ma 300, Ma 302.*

Ma 520—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*. Required calculator: TI 89 or Nspire CAS. *Second semester, even-numbered years, three hours. Prerequisite: CpS 110, Ma 300.*

Ma 597—Independent Study.

Special study of a project chosen in consultation with mathematics faculty. Required calculator: TI 89 or Nspire CAS. *Three hours.*

Department of Computer Science

CpS 105—Computer Fluency.

Provides the necessary base of universally applicable attitudes and skill sets everyone, not just computer scientists, will be eager to learn and use. Introduces students to computational thinking which is a way of thinking that aids the user in solving problems, to current issues including the appropriate biblical response to moral computer-issues, and to projects demonstrating computational-thinking skills. *Not applicable toward a major or minor. Both semesters, three hours.*

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. *Not applicable toward a Computer Science major or minor. Both semesters, three hours. Prerequisite: Math ACT score 21 or above, Ma 102, Ma 103, Ma 105 or Ma 200.*

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 hours. Prerequisite: Math ACT score 26 or above, CpS 109, Ma 103, Ma 105 or Ma 200.*

CpS 111—Computer Science II.

Continuing concepts taught in CpS 110 with an emphasis on GUI programming techniques. *Lecture and lab. Both semesters, three hours. Prerequisite: Computer Science Placement Test or CpS 110.*

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 hours.*

CpS 202—Information Technology II.

A continuation of CpS 201 with the focus on the Linux platform. *Lecture and lab. Second semester, three hours. Prerequisite: CpS 201.*

CpS 205—Computer Aided Drafting.

Introduces the students to basic CAD concepts using AutoCAD Lt. Topics include drawing tools, block formation, plotting, paper space and other time-saving drawing techniques for the residential contractor. *Three hours.*

CpS 207—Introduction to Computer Aided Drafting and Design.

Introduction to computer-aided drafting and design using Microstation and AutoCAD. *Lecture and Lab. Not applicable toward computer science or information technology major or minor. Identical to Ele 307. Second semester, three hours.*

CpS 210—Data Structures.

Data structures and algorithm analysis. Includes an introduction to an alternate computing platform. *Lecture and lab. Both semesters, three hours. Prerequisite: CpS 111.*

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 hours. Prerequisite: CpS 109 or 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. *First semester, three hours. Prerequisite: CpS 110 or Ele 209.*

CpS 301—Intro: 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 hours. Prerequisite: CpS 109 or 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, three hours. Prerequisite: 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 hours. Prerequisite: CpS 111.*

CpS 335—Computer Network Fundamentals.

Study of the hardware and software components of computer communications, including Internet protocols, applications and security. *Second semester, three hours.*

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, three hours. Prerequisite: CpS 111.*

CpS 360—Introduction to Operating Systems.

The study of operating system techniques, including interrupt systems and memory, processor and device management. *Second semester, three hours. 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 present. *Second semester, three hours. Prerequisite: CpS 110 and 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*. *Second semester, even-numbered years, three hours. Prerequisite: CpS 110 and Ma 300.*

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 hours. 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. You will gain experience setting up a network with both Unix and Windows servers. *First semester, three hours. 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 years, three hours. Prerequisite: CpS 210 and Ma 105, Ma 200, Ma 201, Ma 301 or Ma 302.*

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, three hours. Prerequisite: CpS 350.*

CpS 465—Information Technology Internship.

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. *Both semesters and summer, one hour.*

CpS 466—Information Technology Internship.

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. *Both semesters and summer, two hours.*

CpS 467—Information Technology Internship.

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. *Both semesters and summer, three hours.*

CpS 475—Computer Science Internship.

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. *Both semesters and summer, one hour.*

194 CpS 476—Computer Science Internship.

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. *Both semesters and summer, two hours.*

CpS 477—Computer Science Internship.

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. *Both semesters and summer, three hours.*

CpS 479—Computer Science Seminar.

Required of all students majoring in Computer Science. *Not applicable toward a major or minor. First semester, one hour.*

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. *Both semesters, three hours.*

CpS 491—Computer Security.

A survey of the fundamentals of information assurance and computer security. *Second semester, three hours. Prerequisite: CpS 110.*

CpS 497—Independent Study.

Special study of a project chosen in consultation with the computer science faculty. *One hour.*

CpS 498—Independent Study.

Special study of a project chosen in consultation with the computer science faculty. *Two hours.*

CpS 499—Independent Study.

Special study of a project chosen in consultation with the computer science faculty. *Three hours.*

DIVISION OF NURSING AND HEALTH SCIENCE**Foods and Nutrition****FN 101—Basic Nutrition.**

Factors affecting food consumption, energy balance, weight control, food safety; information on carbohydrates, fats, proteins, vitamins, minerals. *Not applicable toward foods and nutrition major or minor. Second semester, one hour. Nursing majors only.*

FN 150—Food Preparation.

Provides an overview of principles for safe and nutritious food selection, storage, and preparation within the home. Includes practical lab experience, allowing students to personally prepare and evaluate foods based on application of course readings and lecture material. *Both semesters, three hours. Excludes: TCA 388.*

FN 250—Food Science.

An exploration of the chemical, physical and biological properties of foods which affect their nutritive value, manufacturing potential, sustainability and consumer acceptability. Laboratory experiences offer the student the ability to participate in the subjective and objective scientific study and analysis of foods. *Second semester, three hours. Prerequisite: Chm 105 and FN 150.*

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 hours. Excludes: TCA 312.*

FN 350—Food Service Production.

Survey of food service systems including safety and sanitation, standards of operation, facility design and layout, equipment selection, and quality controls needed to plan, cost, order, receive, store, prepare and serve nutritious food in a quality manner for a quantity of people. Incorporates on and off campus laboratory experiences. *Second semester, three hours. Excludes: TCA 388.*

FN 360—Community Nutrition.

Study of the fundamentals of nutrition care as a dynamic part of public and community health promotion. Includes the study of socioeconomic, psychological and cultural factors affecting food-related behaviors and nutritional requirements of diverse groups and populations. Provides an examination and evaluation of scientific research, public nutrition policy, the community needs assessment and community nutrition programs. *First semester, three hours. Prerequisite: FN 260.*

FN 365—Nutrient Metabolism.

Advanced study of the biochemical and physiological pathways and properties of the macro- and micro-nutrients at the cellular level within the human body. Includes a comprehensive investigation of the metabolism of carbohydrates, lipids, proteins, vitamins and minerals with application to current trends and issues in nutrition and dietetics. *First semester, three hours. Prerequisite: Bio 102, Chm 105 and FN 260.*

FN 451—Medical Nutrition Therapy I.

Introduction to the nutrition care process for dietary intervention in the prevention and treatment of disease. Investigates the relationship between altered nutrient metabolism and disease progression. Emphasis on medical terminology; nutrition assessment; current research; weight management; and diseases of the endocrine, cardiovascular and digestive systems. *Second semester, four hours. Prerequisite: Bio 304 and FN 365.*

FN 452—Medical Nutrition Therapy II.

Continued study and application of the nutrition care process for dietary intervention in the prevention and treatment of disease. Continued investigation of the relationship between altered nutrient metabolism and disease progression. Emphasis on current research; diseases of the digestive, respiratory and neurological systems; neoplastic disease; metabolic stress; and nutrition support. *First semester, four hours. Prerequisite: FN 451.*

FN 455—Advanced Studies in Food and Culture.

Advanced study of food, culture and religion as it relates to the diet, nutrition and disease management. Emphasis on the analysis and application of current research, issues and trends in food science and nutrition. *Second semester, three hours. Prerequisite: FN 150 and FN 260.*

FN 467—Professional Development in Nutrition.

An exploration of careers, educational routes to dietetic registration, professional development, professional standards, interdisciplinary collaboration, health care policy and management theory in nutrition and dietetics practice. Prepares students for entry into a CADE-accredited dietetics program and/or entry into a nutrition-related career. *First semester, three hours.*

Nursing**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 the student will learn to deal effectively with healthy individuals, as well as those with health problems. *Second semester, Distance Learning, two hours. Prerequisite: Com 101. Excludes: SAS 122.*

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 hours. Prerequisite: Formal Acceptance to Nursing Clinical Courses and Bio 303. Corequisite: Nu 203.*

Nu 203—Nursing Process: Beg 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 hours. Prerequisite: Formal Acceptance to Nursing Clinical Courses. Corequisite: Nu 200.

Nu 204—NP: Beg Med-Surg/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 hours. Prerequisite: Bio 304, Nu 200 and Nu 203. Corequisite: Bio 312.*

Nu 300—NP: 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 hours. Prerequisite: Bio 308, Bio 312 and Nu 204. Corequisite: Bio 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 hours. Prerequisite: Nu 300.*

Nu 304—NP: 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 hours. Prerequisite: Bio 315 and Nu 300. 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 hours. Prerequisite: Bio 315 and Nu 300. Corequisite: Nu 304.*

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 hours. Prerequisite: Nu 304 and Nu 305.*

Nu 401—NP: 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 hours. Prerequisite: Nu 304 and Nu 305.*

Nu 402—Professional Nursing Issues.

Consideration of ethical and legal issues as well as other professional nursing issues. *Second semester, one hour. Prerequisite: Nu 400.*

Nu 406—Nurse in Christian Service.

Study of the history of nursing and philosophy as well as an examination of avenues of service as a Christian nurse, with a focus on nursing on the mission field. *First semester, two hours. Prerequisite: Nu 304 and Nu 305.*

Nu 407—NP: Community Health Nursing.

Utilization of the nursing process to assist the community health client make and implement responsible choices for health. 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 hours. Prerequisite: Nu 400 and Nu 401.*

196 Nu 412—Nursing Practicum.

Utilization of the nursing process and principles of nursing leadership and management in the care of groups of patients. Selected clinical experience in area of student interest. *Second semester, eight hours. Prerequisite: Nu 400 and Nu 401.*

DIVISION OF SOCIAL SCIENCE

Department of History

Hi 101—History of Civilization.

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. *Both semesters and summer, Distance Learning, three hours.*

Hi 102—History of Civilization.

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. *Both semesters and summer, Distance Learning, three hours.*

Hi 201—United States History.

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 1877. *Both semesters, Distance Learning, three hours.*

Hi 202—United States History.

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 20th-century world power. *Both semesters, Distance Learning, three hours.*

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. *First semester, three hours. 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. *Second semester, Distance Learning, three hours. Prerequisite: Hi 101.*

Hi 310—Middle Ages.

Medieval Europe from the fall of Rome to 1453 with emphasis on the Roman Catholic Church, the development of states and cultural revival. *Second semester, three hours. Prerequisite: Hi 101.*

Hi 320—Europe in the 17th & 18th Centuries.

From the Thirty Years' War to the French Revolution, emphasizing the rise of Prussia and Russia, French Absolutism and expansion of European States overseas. *First semester, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 322—Recent Europe.

Europe from 1914 to the present with emphasis on political, economic, diplomatic, cultural and social aspects. *Second semester, three hours. Prerequisite: Hi 102.*

Hi 323—French Revolution & Napoleon.

Background and phases of the revolution, the Revolutionary Wars, Napoleon and his significance, and philosophical evaluation of the era. *Second semester, three hours. Prerequisite: Hi 102.*

Hi 325—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. *Not applicable toward a History major or minor or any master's degree in history. Both semesters, two hours.*

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. *Second semester, three hours. Prerequisite: Hi 201.*

Hi 331—American Frontier.

From the earliest frontier, the extension westward and the significance of these movements for American life and history. *Second semester, three hours. Prerequisite: Hi 201 and Hi 202.*

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. *Second semester, three hours. Prerequisite: Hi 201 and Hi 202.*

Hi 407—History of England.

England from pre-Roman era to 1660. Emphasis on the monarchy, law, parliament, society, economics and church reformation. *First semester, three hours. Prerequisite: Hi 101.*

Hi 408—History of England.

England from 1660 to the present. Emphasis on society, economics, politics, parliament and empire. *Second semester, three hours. Prerequisite: Hi 102.*

Hi 412—The British Empire & Imperialism.

A study of the British Empire and a brief examination of the empires of France, Germany, the United States and the Soviet Union with special attention to social and cultural history, including modern missions. *First semester, even-numbered years, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 420—Russia.

From the beginnings of settlement to contemporary times, with emphasis on the period of Communist Revolution. *Second semester, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 432—Asian History, 1400 to the present.

Extension of Chinese and Indian civilizations to Indonesia, Indo-China, Japan and Korea. Colonial, post-colonial Asia, the impact of the West and Islam. Disintegration of the traditional order, contemporary problems in Asia. *Second semester, odd-numbered years, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 451—The South.

The role of the South in the history of the United States with emphasis upon culture, society, economics and politics. *First semester, even-numbered years, three hours. 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. *First semester, three hours. Prerequisite: Hi 102.*

Hi 460—American Social History Since 1865.

Topics in cultural and intellectual history including diversity, literature, media and consumerism. *Three hours. Prerequisite: Hi 201 and Hi 202.*

Hi 497—Independent Study.

Special study of a project chosen in consultation with history faculty. *One hour.*

Hi 498—Independent Study.

Special study of a project chosen in consultation with history faculty. *Two hours.*

Hi 499—Independent Study.

Special study of a project chosen in consultation with history faculty. *Three hours.*

Hi 500—Special Topics in History.

Instructor-selected topics and historical approaches for in-depth study. *Three hours.*

Hi 501—Puritanism.

The rise of Puritanism in England, its planting in new England and its influence on both countries. Special attention given to personalities, religious beliefs, theories of state and society and education. *First semester, odd-numbered years, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 502—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. *First semester, Distance Learning, three hours. Prerequisite: Hi 101.*

Hi 504—Recent America.

America from 1945 to the present with emphasis on political, economic, diplomatic, cultural and social aspects. *First semester, odd-numbered years, three hours. Prerequisite: Hi 201 and Hi 202.*

Hi 505—Reformation.

Precursors of the German Reformation with emphasis on the contributions of Martin Luther, the Reformation in other countries and the Roman Catholic reaction. *Second semester, Distance Learning, three hours. Prerequisite: Hi 101.*

Hi 506—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 hours. Prerequisite: Hi 101 and Hi 102.*

Hi 507—American Legal History.

Major developments in American legal history from the colonial period to the present with emphasis on the nineteenth and twentieth centuries. *First semester, three hours. Prerequisite: Hi 201 and Hi 202.*

Hi 508—American Constitutional History.

English and Colonial background of constitutional government; the steps in the framing, adoption and ratification of the Constitution; and the ways in which it has been adapted to the needs of a changing society. *Second semester, Distance Learning, three hours. Prerequisite: Hi 201 and Hi 202.*

Hi 509—The Middle East.

A history of the Middle East from the introduction of Islam to the present. Includes a comparison of basic Islamic and Christian doctrines and practices. *First semester, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 510—Africa.

The development of native cultures, European colonization and emergence into the modern world. *Second semester, three hours. Prerequisite: Hi 102.*

Hi 513—History of Latin America.

Spanish and Portuguese exploration and colonization in America, the Wars of Liberation, the struggle of the colonies for independence and the history of some of the more important Latin American republics to the present time. *First semester, odd-numbered years, three hours. Prerequisite: Hi 101 and Hi 102.*

Hi 516—Baptist History.

The historical origins, basic polity, contributions, distinctive doctrines and significant leaders of the Baptists. *Not applicable toward a History major or minor or any master's degree in history. Distance Learning only, two hours.*

Hi 518—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. *Second semester, three hours.*

Hi 530—Early National Era.

Explores the challenges faced by the early American Republic, 1783–1850: The development of political and social institutions, Jeffersonian influences, political parties and mass politics, the age of Jackson, the rise of sectionalism and major reform movements. *Second semester, even-numbered years, three hours. Prerequisite: Hi 201.*

Hi 535—African American History.

Covers the black experience in America from colonial days to the present. Considers topics such as slavery, abolition, Reconstruction and the civil rights movement. Discusses the role of the black church in African American history. *First semester, even-numbered years, three hours. Prerequisite: Hi 201 and Hi 202.*

Hi 539—The Gilded Age.

Examines the changes and growth of the United States from 1877 to 1914. Major themes include the end of Native American conflict, race relations, industrialization and labor movements, immigration, urbanization, the Populist and Progressive Movements, social movements, and reform. *Three hours. Prerequisite: Hi 202.*

Hi 540—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 hours. Prerequisite: Hi 506.*

Hi 550—Special Topics in History.

Instructor-selected topics and historical approaches for in-depth study. *Three hours.*

Hi 598—American Studies: History.

Study tour of the Eastern United States designed to include locations of historical interest, with special emphasis on America's struggle for independence. *Three hours.*

Hi 599—European Studies: Early Modern Era.

Combination of travel and lectures in Europe. Visits and discussions related to men, movements and sites of Protestant, Anglican and Roman Catholic history. *Summer only, three hours.*

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 hours.*

CJ 105—Private Security.

An introduction to private security purpose and practice. Examination of working relationship between private security and law enforcement, loss prevention, site management and personal protection. *Three hours. Prerequisite: CJ 101.*

CJ 107—Community Policing.

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 hours. 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 hours. 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 hours. Prerequisite: CJ 101.*

CJ 301—Police 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 hours. Prerequisite: CJ 101.*

CJ 303—Criminal Investigation.

Criminal investigative procedures, case preparation, questioning of witnesses and suspects, and problems in criminal investigations. *First semester, three hours. Prerequisite: CJ 101.*

CJ 304—Crime Prevention.

This course will consider theories of crime prevention. Discussion will include personal, home, business and corporate aspects of the topic. *Second semester, three hours. Prerequisite: CJ 107.*

CJ 305—Introduction to 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 hours. 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 hours. 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 hours.*

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. *Junior standing. Second semester, three hours.*

CJ 401—Criminalistics.

Scientific crime detection; crime scene preservation and search; recording, collecting and preserving physical evidence; practical considerations of evidence collection; identification; ballistics; latent and inked fingerprints; specialized equipment. *Three hours.*

CJ 402—Criminal Court Procedures.

Administrative procedures for jury selection, case calendaring, docket preparation, records, bail, extradi-

tion, preliminary hearing, arraignment, grand juries, criminal trials, appeals, sentencing. *Second semester, three hours. Prerequisite: CJ 201 and CJ 202.*

CJ 403—Executive & Dignitary Protection.

Executive, dignitary and celebrity protection; private, corporate and government perspectives; theory; adversarial motivation; intelligence; counter strategies; hostage negotiation, organization; planning; technology; training; personal, family and travel considerations. *First semester, three hours. Prerequisite: CJ 101.*

CJ 404—Critical Issues in Criminal Justice.

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. *First semester, three hours. Prerequisite: CJ 101.*

CJ 407—Homeland Security and 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 hours. Prerequisite: CJ 107.*

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 Program director. *Both semesters and summer, three hours.*

CJ 499—Independent Study.

Special study of a topic chosen in consultation with criminal justice faculty. *Three hours.*

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, three hours.*

SSE 205—Principles of Microeconomics.

An introduction to microeconomics necessary to an understanding of prices and markets, principles guiding individuals and firms in making choices to maximize returns in a world of limited resources, the structure of markets and the factors of production. *Both semesters and summer, Distance Learning, three hours.*

SSE 206—Principles of Macroeconomics.

An introduction to macroeconomics necessary to an understanding of supply and demand, national income analysis, inflation and unemployment; fiscal and monetary theories and policies, world trade, and balance of payments. *Both semesters, three hours.*

SSE 210—Economics for the Professional.

Microeconomics and macroeconomics with emphasis on the role of the firm as key in industrialized economies, that is the relation of the economic environment to the decisions of the firm. The microeconomic

portion of the course reviews the fundamental tools of economics, explores price systems and theories of firm decision making, analyzes market structures and market economies and considers the government's role in promoting competition and responding to the potential market failures. The macroeconomics portion of the course explores both domestic and international forces that influence capital markets and aggregate economic activity, including long-run economic growth and stabilization. *Both semesters, three hours. Prerequisite: SSE 200.*

SSE 301—Economic & Political Geography.

The distribution of economic activities over the world, with emphasis on the extractive industries, manufacturing and commerce. The significance of boundaries, location and resources, with emphasis on the problems of international geostrategy. *Identical to SSG 201. First semester, three hours.*

SSE 305—Money & Banking.

An introduction to the principles, processes and problems of money and banking, with an emphasis upon the significance and interrelationship of money and banking to the economy as a whole. Particular attention is focused upon the commercial banking system and the Federal Reserve System. *Identical to Fin 305. Both semesters, three hours.*

SSE 406—Organizational Behavior.

Discussion and evaluation of current theories about worker behavior, attitudes and performance—individually and corporately. Organizational structure and change. *Three hours.*

Family and Consumer Sciences

FCS 104—Housing and Furnishings.

Introduction to basic needs of the home, application of elements of art and principles of design, furniture styling and selection, principles of furniture arrangement, and brief history of design and furnishings. Also includes the psychological and sociological aspects of housing and the decision making process that is involved. *Second semester, three hours.*

FCS 105—Resource Management.

Techniques for application of management principles to achieve life and workplace goals and responsibilities. Emphasis on utilization of resources, effective communication and management principles. Professionalism and career preparation is included. *First semester, three hours.*

FCS 308—Family Finance and Consumerism.

A study of consumer and financial management problems and strategies for individuals and families today. Emphasis on the management of family financial resources for purchasing goods and services including housing, insurance and the use of credit. *First semester, three hours.*

FCS 312—Meal Management.

Investigation and application of resource management in meal planning, preparation, presentation and service of food in private and public settings. Emphasis placed on the management and usage of time, energy, money, equipment, utilities and food goods as well as the selection of nutritious foods within food preparation and service environments. Lab experiences provided. *Second semester, three hours. Prerequisite: FCS 105 or FN 150.*

FCS 313—Hospitality Management.

Fundamentals of hospitality in the planning, coordination and execution of events held in public and private settings. Techniques applicable to private kitchen, corporate and catering venues will be presented. Lab experiences provided. *First semester, three hours.*
Prerequisite: FCS 312.

FCS 400—FCS Internship.

Practical experience, on-campus or off-campus, in a chosen FCS subject area. Assignments to be approved by department head. *Both semesters, three hours.*

FCS 408—FCS Instructional Methods.

Development and practical application of instructional strategies designed for presentations that meet the needs of diverse audiences in FCS. Includes an overview of counseling theory and skills used in education to promote behavior change. Emphasis on learning styles, strategies, evaluation, techniques for varied environments and group management in education, community and corporate settings. *Second semester, three hours.*

200 Geography, Social Studies

SSG 200—Fundamentals of Geography.

World geography, with emphasis on the problems of man's relationship to the land. The distribution of population and the significance of soils, climate, terrain, vegetation, minerals and water to man. *Both semesters and summer, Distance Learning, three hours.*

SSG 201—Economic & Political Geography.

The distribution of economic activities over the world, with emphasis on the extractive industries, manufacturing and commerce. The significance of boundaries, location and resources, with emphasis on the problems of international geostrategy. *Identical to SSE 301. First semester, three hours.*

Political Science, Social Studies

SSP 207—National Government.

American government, the organization and functioning of American political life on the national level. *Both semesters and summer, Distance Learning, three hours.*

SSP 208—State & Local Government.

Government on the local levels. *Both semesters, three hours.*

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 hours.*

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, three hours.*

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, three hours.*
Prerequisite: SSP 207.

SSP 311—Political Theory.

A study of the major political theories from ancient, medieval and modern times. *First semester, three hours.*

SSP 312—Methods of Political Involvement.

Study of opportunities for individual involvement in the political process. Includes participation in party activities and campaigns as well as post-election opportunities. Methods of political research including applications of statistical techniques. *Three hours.*
Prerequisite: Ma 210, SSP 207 and SSP 208.

SSP 401—Essentials of Government & Public Policy.

Fundamental issues of government operations and the public policy process. Includes the effects of personal or group loyalties upon policy decisions; core distinctions among key groups; and trends regarding crucial current issues. *First semester, odd-numbered years, three hours.* *Prerequisite:* SSP 207 and SSP 208.

SSP 402—America's Ideological Foundation.

The political beliefs of America's founding fathers; sources and foundations of these beliefs; and the effect of these views upon the substance of America's founding documents. *Second semester, even-numbered years, three hours.* *Prerequisite:* SSP 207.

SSP 403—Communication in Politics.

Application of communication and rhetorical theory to various contexts of the American political system. Particular emphasis placed upon presidential, congressional and corporate communicative activities, including campaigning and governing. *Identical to RPA 403. First semester, three hours.*

SSP 430—Church-State Relations.

The study of Church-State relations theory in light of historic American constitutional freedom of religion, including elements of conflict and cooperation between church and state, with special focus on recent trends and current proposals. *Second semester, odd-numbered years, three hours.*

SSP 449—American Legal History.

Major developments in American legal history from the colonial period to the present, with emphasis on the nineteenth century. *First semester, three hours.*
Prerequisite: Hi 201 and Hi 202.

SSP 450—American Constitutional History.

English and Colonial background of constitutional government; the steps in the framing, adoption and ratification of the Constitution; and the ways in which it has been adapted to the needs of a changing society. *Second semester, Distance Learning, three hours.* *Prerequisite:* Hi 201 and Hi 202.

SSP 479—Political Science Seminar.

A senior capstone course in which students produce a personal Christian political manifesto and complete a practical campaign project which evidences the student's ability to analyze and use data in decision making. *Not applicable toward a major or minor. First semester, one hour.*

SSP 489—International Studies Seminar.

Required of all students majoring in International Studies. An independent research project culminating in a formal paper showcasing the student's analytical and writing skills. *Not applicable toward a major or minor. First semester, one hour.*

SSP 497—Political Science Internship.

Assignments to be determined by department head. *Prerequisite: Junior standing and Political Science major. Two hours.*

SSP 498—Political Science Internship.

Assignments to be determined by department head. *Prerequisite: Junior standing and Political Science major. Six hours.*

SSP 499—Political Science Internship.

Assignments to be determined by department head. *Prerequisite: Junior standing and Political Science major. Second semester and summer, three hours.*

Sociology, Social Studies

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, Distance Learning, three hours. Excludes: SCS 254.*

SSS 203—Juvenile Delinquency.

Delinquency in the United States; extent and significance, causal analysis, juvenile court and techniques of prevention and treatment. *Second semester, three hours. Prerequisite: SSS 202.*

SSS 204—Social Problems.

The nature, types and extent of social problems in contemporary society: crime, divorce, war and urbanization. *Both semesters, three hours. Prerequisite: SSS 202.*

SSS 301—American Family.

A study of societal changes which affect families, interpersonal relationships and intra-family relationships including effective communication, knowledgeable choices regarding marriage, parenting, divorce, family crisis and aging. Special emphasis is placed on principles that enable the family to maintain Godly and productive relationships in the home and in society. *Excludes: CMn 211 Both semesters, Distance Learning, three hours.*

SSS 302—Modern Chinese Culture.

A study of the customs and culture of the people groups in present-day China. *Second semester, three hours.*

SSS 305—Science: Impact on Society.

The impact of science and technology on our world, with special emphasis on environmental and public policy issues. *First semester, three hours.*

SSS 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 the impact on American society. *Second semester, three hours.*

SSS 498—Field Studies: International Culture.

On-location study of history, art, music, architecture, political structure, and educational system and facilities in a foreign country. *Not applicable toward teacher education program requirements. Two hours.*

SSS 499—Field Studies: International Culture.

On-location study of history, art, music, architecture,

political structure, and educational system and facilities in a foreign country. *Summer only, three hours.*

SSS 501—Trends & Issues in Society.

An overview of trends and issues in society on the national and international scene. Topics to be covered include issues involving minority and majority cultures and races, understanding diverse religions and values, gender concerns, our responsibility in protecting the environment, the influence of technology and other issues. *Open only to education majors. Both semesters, three hours.*

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. *First semester, three hours.*

SCHOOL OF RELIGION

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 hour.*

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 hour.*

Bi 210—Bible Geography.

Study of selected biblical passages in light of the historical geography and background of the biblical lands. *Both semesters, one hour.*

Bi 215—Bible Prophecy.

An examination of the great covenantal promises God made to the patriarchs, developed by the Old Testament prophets and culminated in Christ in the eschatological portions of the New Testament. *Both semesters, one hour. Excludes: NT 455.*

Bi 220—The Life & Ministry of Christ.

Detailed studies of the earthly life of our Lord with particular emphasis on the spiritual significance of each aspect of His ministry. *Both semesters, one hour.*

Bi 225—Life & Ministry of Paul.

A study of the life of the apostle Paul, integrating his major teachings into a chronology of his life and times. *Both semesters, one hour.*

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. *Both semesters, two hours.*

Bi 301—Christian Doctrines.

A biblical approach to the study of the main doctrines of the Christian faith, stressing the beliefs held in common by all fundamental Christians: 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. *Associate only. Both semesters, three hours. Excludes: NT 515 and Bi 401.*

Bi 302—Christian Doctrines.

A biblical approach to the study of the main doctrines of the Christian faith, stressing the beliefs held in common by all fundamental Christians: Man, Sin, Salvation, the Church and Eschatology. Emphasis throughout is on the practical application of the teachings of the Bible to the Christian life. *Associate only. Both semesters, three hours. Excludes: NT 516 and Bi 402.*

Bi 310—Biblical Church Ministry.

An introduction to the various components comprising biblical church ministry from the perspective of participating laymen. Examines God's purposes for the church, relationship to pastoral leadership, the roles of men and women, development of lay leaders, evangelism, discipleship, worship, music, spiritual gifts, prayer, interpersonal relationships, unity and purity. Students will develop an understanding of how to serve effectively in a local church. *Both semesters, two hours.*

Bi 325—Modern Cults.

An examination, in the light of the Word of God, of the doctrines and practices of modern cults. *Both semesters and summer, Distance Learning, two hours.*

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, two hours.*

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, two hours.*

Bi 340—Pentateuch.

A pattern for a God-centered worldview in five complementary portraits of the person of God. Discussion will include God's sovereignty over His creation, His covenantal faithfulness in redeeming man for service, His desire for fellowship with man through holiness, His wise and caring leadership of His people and His unique position as the only proper object of man's devotion. *Both semesters, two hours. Excludes: OT 310.*

Bi 350—Old Testament Poetry.

Interpretation and practical application of the poetic portions of the Old Testament, with emphasis on the Poetic Books: Job, Psalms, Proverbs, Ecclesiastes and Song of Solomon. *Both semesters, two hours. Excludes: OT 410.*

Bi 360—Prophets.

A study of the prophets as preachers of righteousness speaking to their contemporaries and the application of their message to us. *Both semesters, two hours. Prerequisite: Bi 105. Excludes: OT 420.*

Bi 370—Pauline Letters.

The messages of Paul's letters to 1st-century believers and their theological and practical value for a 21st-century Christian. *Both semesters and summer, two hours.*

Bi 380—General Epistles.

A study of the messages of the non-Pauline Epistles written to 1st-century believers and their theological and practical value for a 21st-century Christian. *Both semesters and summer, two hours.*

Bi 401—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 and summer, Distance Learning, three hours. Excludes: NT 515 and Bi 301.*

Bi 402—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 and summer, Distance Learning, three hours. Excludes: NT 516 and Bi 302.*

Bi 420—Current Church Issues.

This course examines both the internal and external issues that affect corporate worship. Topics include worship (e.g., music, Lord's Table), entertainment and ethnomusicology. *Both semesters, two hours.*

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. *Both semesters and summer, two hours.*

Bi 499—Apologetics and 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, three hours. Prerequisite: Bi 401, Bi 402 and Ph 200.*

Bi 500—Teaching Bible Principles.

A practical study designed to provide guidelines for the effective integration of biblical principles into the teaching of various subjects. *Both semesters, Distance Learning, two hours.*

Bi 599—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 hours.*

New Testament**NT 455—Old & New Testament Prophecy.**

A comprehensive study of biblical foretelling, with a view to understanding theological issues, appreciating its apologetic value and making application to produce a Christ-centered, holy lifestyle. *Both semesters, two hours. Excludes: Bi 215*

NT 460—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. *Both semesters, two hours. Prerequisite: Bi 109.*

NT 471—The Biblical Minister.

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. *Both semesters, two hours.*

NT 475—Acts & the Pauline Letters.

A study of Acts through Philemon 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 hours. Prerequisite: Bi 109.*

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. *Both semesters, two hours.*

NT 515—Biblical Themes.

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, three hours. Prerequisite: Bi 105 and Bi 109. Excludes: Bi 401 and Bi 301.*

NT 516—Biblical Themes.

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, three hours. Prerequisite: Bi 105 and Bi 109. Excludes: Bi 402 and Bi 302.*

Old Testament**OT 310—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, two hours. Excludes: Bi 340.*

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. *Both semesters, two hours. Prerequisite: Bi 105.*

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. *Both semesters, two hours. Prerequisite: Bi 105. Excludes: Bi 350*

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. *Both semesters, three hours. Prerequisite: Bi 105. Excludes: Bi 360.*

Department of Ancient Languages**Greek, New Testament****ALG 101—Elementary Greek I.**

Introduction to the phonology, vocabulary, grammar and syntax of biblical Greek. *Both semesters, three hours.*

ALG 102—Elementary Greek II.

Reinforcement and development in the basic principles of Greek grammar and syntax. *Both semesters, three hours. Prerequisite: ALG 101.*

ALG 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 and summer, three hours. Prerequisite: ALG 102.*

ALG 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 and summer, three hours. Prerequisite: ALG 201.*

ALG 300—I Corinthians in Greek.

Translation and exegesis of I Corinthians, with studies in syntax and review of accidence and vocabulary. *First semester, three hours. Prerequisite: ALG 202.*

ALG 303—Galatians & the Pastoral Epistles in Greek.

Exegesis of Galatians, I and II Timothy, and Titus, with study of forms, syntax and vocabulary. *Second semester, three hours. Prerequisite: ALG 202.*

ALG 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 hours. Prerequisite: ALG 202.*

ALG 408—Matthew in Greek.

Translation and exegesis of the first Gospel, with studies in syntax and vocabulary. *First semester, three hours. Prerequisite: ALG 202.*

Hebrew, Old Testament

ALH 411—Elementary Hebrew I.

Introduction to the phonology, vocabulary, grammar and syntax of biblical Hebrew. Includes translation and analysis of selected passages in the Hebrew Bible. *First semester, three hours.*

ALH 412—Elementary Hebrew II.

Reinforcement and development in the basic principles of Hebrew grammar and syntax. Includes translation and analysis of selected portions of the Hebrew Bible. *Second semester, three hours. Prerequisite: ALH 411.*

DIVISION OF PRACTICAL STUDIES

Homiletics

204

Hm 301—Homiletics I.

Construction, delivery and evaluation of expository sermons from various genres of Scripture. *First semester, three hours. Prerequisite: Com 205 or PSt 101.*

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 hours. Prerequisite: Hm 301.*

Pastoral Studies

Pr 101—Preparation for Service/Evangelism.

Preparation for Service (1st 7 weeks). The devotional life, prayer life, spiritual qualifications for the ministry, conduct, call, general education, study of the Word, devotion to the ministry, the nature of service, motives. Includes discussion of standards for dating and marriage.

Personal Evangelism (2nd 7 weeks). The duty and privilege of soulwinning: Christ, the Master Evangelist; early church evangelism in Acts; building bridges; a basic soulwinning method; dealing with different types of people; follow-up; training soulwinners; evangelistic efforts. *Not applicable toward a major or minor. First semester, two hours.*

Pr 102—Discipleship/Preaching.

Personal Discipleship (1st 7 weeks). Principles, guidelines and methods in the discipling of new converts. Includes a study of a variety of discipleship materials. Emphasis will be on one-on-one discipleship.

Fundamentals of Preaching (2nd 7 weeks). The nature and importance of preaching. Discussion of the theme concept and the means by which an effective sermon is developed. *Not applicable toward a major or minor. Second semester, two hours.*

Pr 201—Music/Youth Ministries.

Ministry of Music (1st 7 weeks). The place and importance of music in Christian worship. Scriptural principles for church music. The role of the pastor, the song leader, the choir director and/or the minister of music in the music program; congregational singing; special music; the choir; problems in the

development of a quality music program. Emphasis is placed on building a church music program on scriptural principles. **The Youth Ministry** (2nd 7 weeks). Focuses on the critical importance of the youth worker's character and personal walk with God as the keys to successful youth ministry. Addresses a philosophy of youth work; the characteristics and qualifications of a good youth pastor; the power of the youth pastor's example; the youth pastor/pastor relationship; the youth pastor/parent relationship; the youth pastor/teen relationship; counseling youth; promotion and direction of the youth ministry; programs and activities. *Not applicable toward a major or minor. First semester, two hours.*

Pr 202—Missions/Ministry of Prayer.

World Missions (1st 7 weeks). The biblical basis, historical overview, and place and importance of missions. Introduction to basic missionary methods and issues. Responsibility of the local church to missions and missionaries. Preparation for mutual understanding of concerns and perspectives of both pastors and missionaries. Survey of the current missionary situation around the world. **Ministry of Prayer** (2nd 7 weeks). Looks at different aspects of prayer related to the work of the ministry, including the minister's private prayer life, public praying, pastoral prayers and model prayers in the Bible. *Not applicable toward a major or minor. Second semester, two hours.*

Pr 203—Practical Evangelism.

A summer extension course for women students who are interested in various types of Christian service. Requirements include assigned Bible readings, readings in books and practical field work. This course covers a period of nine weeks, during which time the student submits detailed weekly reports of her activities. *Pr 203, 303 or 403 is required each summer of women students pursuing a major in the School of Religion who expect to reenroll in BJU for the following fall session. Not applicable toward a major or minor. Summer only, two hours.*

Pr 204—Ministry Practicum.

A nine-week field-based extension course required of all ministerial students. Requirements include participation in Christian service and personal evangelism activities, reading and listening to sermons, weekly Bible reading accountability, and developing and preaching sermon outlines each week. The student will submit detailed weekly reports of all activities. *Pr 204, 304 or 404 is required each summer of every ministerial student in the School of Religion who expects to reenroll in BJU for the following fall session. Not applicable toward a major or minor. Summer only, two hours.*

Pr 301—Ministry & Biblical Theology of Ministry.

The Ministry and Law (1st 7 weeks). Civil law as it affects pastors, churches, Christian schools and their ministries. Includes discussion of potential liabilities relating to abuse cases, church discipline and counseling. **Biblical Theology of Ministry** (2nd 7 weeks). Various components of biblical church ministry from the perspective of church leaders. God's pattern and purposes for the church, responsibilities of leadership, roles of men and women, interpersonal relationships, unity and purity. *Not applicable toward a major or minor. First semester, two hours.*

Pr 302—Current Issues/Stewardship.

Current Issues (1st 7 weeks). An examination of the current religious context in which Fundamentalists are ministering; lectures, discussion and reading about selected modern church movements; matters of difference within Fundamentalism; Christian behavioral expectations amidst a changing culture; issues affecting the internal harmony of local churches; ecclesiastical relationships. **Personal and Church Finance** (2nd 7 weeks). An in-depth look at the preacher's personal finances, including budgeting, tax advantages, social security, insurance and written resources; key attitudes in finance; ethical pitfalls in finance; the basics of church budgeting; internal controls; church building program. *Not applicable toward a major or minor. Second semester, two hours.*

Pr 303—Practical Evangelism.

A summer extension course for women students who are interested in various types of Christian service. Requirements include assigned Bible readings, readings in books and practical field work. This course covers a period of nine weeks, during which time the student submits detailed weekly reports of her activities. *Pr 203, 303 or 403 is required each summer of women students pursuing a major in the School of Religion who expect to reenroll in BJU for the following fall session. Not applicable toward a major or minor. Summer only, two hours. Prerequisite: Pr 203.*

Pr 304—Ministry Practicum.

A nine-week field-based extension course required of all ministerial students. Requirements include participation in Christian service and personal evangelism activities, reading and listening to sermons, weekly Bible reading accountability, and developing and preaching sermon outlines each week. The student will submit detailed weekly reports of all activities. *Pr 204, 304 or 404 is required each summer of every ministerial student in the School of Religion who expects to reenroll in BJU for the following fall session. Not applicable toward a major or minor. Summer only, two hours. Prerequisite: Pr 204.*

Pr 395—Camp Internship Practicum.

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. *Not applicable toward a major or minor. Summer only, zero hours.*

Pr 397—Evangelism Internship Practicum.

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. *Not applicable toward a major or minor. Summer only, zero hours.*

Pr 399—Church Internship Practicum.

Practical experience and instruction in all phases of the local church ministry under the leadership of an experienced pastor. *Not applicable toward a major or minor. Both semesters and summer, zero hours.*

Pr 401—Evangelistic Ministries/Cults & World Religions.

Evangelistic Ministries (1st 7 weeks). Equipping

pastoral staff to implement & lead a variety of evangelistic outreach programs through the local church. The class will address initiatives which include church visitation, athletic outreach, English as a Second Language, ethnic outreach, evangelistic Bible studies, short-term mission trips, & community involvement.

Cults & World Religions (2nd 7 weeks). Survey of world religions and cults, noting their historical roots, basic beliefs and patterns of unbelief, with a view to equipping the pastor for the pluralistic environment in which he will minister. *Not applicable toward a major or minor. First semester, two hours.*

Pr 402—Public Ministry/Ministry Relationships.

The Pastor's Public Ministry (1st 7 weeks). An examination of the biblical requirements and responsibilities of the pastor as he leads the public church services, with a major focus on the Sunday worship service. Also includes practical guidelines about how to conduct a baptismal service, the Lord's Supper, weddings and funerals. **Ministry Relationships** (2nd 7 weeks). Designed to prepare young men for the realistic challenges of church ministry; survey of the opportunities of service available to them as they initially enter the ministry; understanding and responding properly to the early challenges of ministry; transitioning from education to church ministry; ordination; candidating; keys to effectiveness; conflict resolution. *Not applicable toward a major or minor. Second semester, two hours.*

Pr 403—Practical Evangelism.

A summer extension course for women students who are interested in various types of Christian service. Requirements include assigned Bible readings, readings in books and practical field work. This course covers a period of nine weeks, during which time the student submits detailed weekly reports of her activities. *Pr 203, 303 or 403 is required each summer of women students pursuing a major in the School of Religion who expect to reenroll in BJU for the following fall session. Not applicable toward a major or minor. Summer only, two hours. Prerequisite: Pr 303.*

Pr 404—Ministry Practicum.

A nine-week field-based extension course required of all ministerial students. Requirements include participation in Christian service and personal evangelism activities, reading and listening to sermons, weekly Bible reading accountability, and developing and preaching sermon outlines each week. The student will submit detailed weekly reports of all activities. *Pr 204, 304 or 404 is required each summer of every ministerial student in the School of Religion who expects to reenroll in BJU for the following fall session. Not applicable toward a major or minor. Summer only, two hours. Prerequisite: Pr 304.*

Pr 407—Preacher & His Ministry.

Ministerial students must register for a ministerial class (Pr 101–402, 407–408) each semester of their enrollment. Students who have credit for all ministerial classes (Pr 101–402) offered during I or II Semester, or who have irreconcilable scheduling conflicts, must enroll in Pr 407. Enrollment in this course requires attendance of the weekly combined ministerial class and it requires participation in ministerial extension activities. *Not applicable toward a major or minor. Both semesters, zero hours.*

Pr 408—Preacher & His Ministry.

Ministerial students must register for a ministerial class (Pr 101–402, 407–408) each semester of their enrollment. Students who have irreconcilable scheduling conflicts with Pr 101–402 classes must enroll in Pr 408. Enrollment in this course requires participation in ministerial extension activities. *Not applicable toward a major or minor. Both semesters, zero hours.*

Department of Church Ministries

CMn 204—Introduction to Counseling.

Basic principles of counseling individuals and groups concerning spiritual needs. Application of biblical principles to problems of life. Practical experience assignments with young people in camp work. *Summer only, three hours.*

CMn 205—Early Childhood Education.

Broad overview of materials and methods for teaching young children across developmental domains, with an emphasis on the South Carolina Early Learning Standards. Candidates will write and teach a developmentally appropriate lesson in a Pre-K–3 classroom. *Identical to EC 205. Both semesters, three hours.*

CMn 206—Summer Bible Ministries.

A critique of effective organization and administration of various summer Bible ministries, including vacation Bible school aims, methods, principles and procedures. *Two hours.*

CMn 207—Recreational Leadership.

History, philosophy and objectives of recreation. Characteristics and values of recreation. Principles of recreation applied to the ministry of the church. *Identical to HPE 207. Both semesters, two hours.*

CMn 208—Personal Evangelism.

Designed to teach the fundamentals of the Christian life, soulwinning and follow-up. *Not applicable toward a major or minor. Both semesters, one hour.*

CMn 220—Methods of Mentoring.

An introduction to philosophy and methods for productive mentor relationships. The student will learn how to begin and nurture one-on-one mentor relationships and how to establish a ministry-based mentoring structure by examining Scriptural truth for mentor relationships. *First semester, two hours.*

CMn 302—Youth Work.

Promotion and direction of youth work; young people's societies in the local church, evangelistic youth rallies and summer camps. *Both semesters, two hours.*

CMn 303—Sunday School Administration.

Development of the Sunday School to the present day, including principles and methods of Sunday school building and enlargement, reaching the Sunday school constituency, department organization and supervision, objectives, methods and soulwinning. *Two hours.*

CMn 304—Adult Work.

The various stages of adulthood from the standpoint of characteristics, needs, aims, materials and methods. Special attention will be given to what is being done to meet the expanding needs of adults. Finally, an effort will be made to determine an efficient adult program for a church. *Second semester, even-numbered years, two hours.*

CMn 305—Introduction to Public Relations.

An 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. *Identical to JMC 215. Second semester, three hours.*

CMn 313—Principles of Leadership.

A study in Christian leadership qualities and goals with special emphasis on the personal development and spiritual growth of the leader. *First semester, one hour.*

CMn 314—Principles of Leadership.

A focus on leadership styles, motivational strategies and intra-organizational responsibilities for the Christian leader, with special emphasis on developing strong interpersonal relationships. *Second semester, one hour.*

CMn 315—Leadership Internship.

A practical application of leadership skills in a work setting on the campus of Bob Jones University during the summer months. *Open only to students who are members of the BJU Leadership Training NET-Work. Three hours.*

CMn 320—Women in Christian Service.

Whatever her area of life service for the Lord, a woman faces challenges, opportunities and demands which call upon all that she is and has in the personal sense and which also reveal the reality and strength of her relationship with Jesus Christ. This class forthrightly addresses the various areas of self and service which are strategic to anyone wanting to be God's woman—God's way. *Only open to women. Both semesters, two hours. Excludes: CMn 401.*

CMn 325—Children's Ministry.

Methods, materials and procedures used in the evangelism and Christian growth of children. *Second semester, two hours.*

CMn 340—Camp Administration.

History of camping and the types of camps. Philosophy, objectives, organization and administration of the camp. Objectives and discipline of the camper. *Identical to HPE 410. First semester, two hours.*

CMn 345—Camp Program.

Philosophy, characteristics and needs of various age groups. Setting up camp programs to meet the needs and goals of campers, parent and camp. *Identical to HPE 411. Second semester, two hours.*

CMn 350—Ministry & Media.

Instruction and hands-on experience in the use of the modern communication tools in the ministry. The use of computers and special computer programs in personal Bible study, in church administration and in communication. *Both semesters, two hours.*

CMn 401—The Minister's Wife.

Every Christian worker's wife finds opportunities, pressures and situations which challenge her capabilities. Knowledge of what may be expected, plus personal preparation in the practical and scriptural sense provide a woman with the basis for effective service. *Open only to women. Two hours. Excludes: CMn 320.*

CMn 408—Methods of Church Planting.

Training prospective church planters and entry-level pastors in effective methodology of planting and developing a church through the first five years: models, selecting a locale, basic business and legal issues, writing a church constitution and brochure, evangelism, church building program and pastor-people relations. *First semester, two hours.*

CMn 430—Christian Masterworks.

A study of the lives and works of great thinkers, analyzing by the Bible their writings and contributions to Christian thought. *Both semesters, two hours.*

CMn 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, even-numbered years, two hours.*

CMn 450—Church Ministry: Youth.

Principles, plans and procedures to develop a written philosophy of youth ministry; principles for the effective organization, administration and implementation of youth programs in the local church setting; and crucial issues facing teenagers, including peer pressure, friendship, sexual promiscuity, music and drugs. *First semester, two hours.*

CMn 452—Church Ministry: Discipleship.

Guidelines for the development of spiritual maturity through the implementation of scriptural principles; ministry to various audiences, including areas such as camp work, elderly and special needs; and oversight and development of the church educational program for all age-groups including Christian school and home school. *First semester, two hours.*

CMn 454—Church Ministry: Administration.

The pastor's responsibility for the total care of his people; scriptural basis and guidelines for administrative management as the overseer; and legal and financial issues. *First semester, two hours.*

CMn 456—Church Ministry: Missions.

The missions program of a local church: missionary care and administration. Understanding the dynamics of cross-cultural ministry; and the special challenges and opportunities of urban ministry. *First semester, two hours.*

CMn 458—Church Ministry: Evangelism.

The philosophy and activity of an evangelist including planning and conducting meetings, ethics, personal challenges, and finances; preparation of focused messages for evangelism and revival preaching; and a church evangelistic program. *First semester, two hours.*

CMn 501—Teaching Bible.

The Bible as textbook in Christian education. The aims and objectives of Bible teaching, teaching aids, the evaluation of methods and materials, and lesson building. *Open to juniors and seniors. Second semester, two hours.*

CMn 534—Crisis Counseling.

Looks at the crisis of life-dominating sins (addictions); presents a biblical view of sin; offers help for

working with eating disorders, drugs and alcohol. Also covers the crisis of immorality; teaches a biblical view of sex; gives help for dealing with pornography, homosexuality, adultery, etc. *Identical to Ps 524. Distance Learning only, one hour.*

CMn 535—Premarital Counseling.

An overview of the precounseling process featuring God's goals for marriage, essential habits of Christian character as they pertain to marriage, biblical roles in marriage, communication and problem solving, finances, sexual relationships, and in-laws. *Identical to Ps 525. Distance Learning only, one hour. Excludes: SCM 637 and Ps 637.*

CMn 536—Family Counseling.

Presents a strategy for helping family members come to reconciliation. Discusses an extended case study which teaches how to "unpack" the complex issues often involved in family problems. Instruction is also offered for the growing problem of wife abuse and provides biblical answers for helping both the wife and the abusing husband. *Identical to Ps 526. Distance Learning only, one hour. Excludes: SCM 637 and Ps 637.*

Department of Missions

Christian Missions

CM 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 hours.*

CM 250—Principles & Methods of Missions.

Biblical basis of missions; nature of a mission call; the spiritual preparation for the prospective missionary; selection of a mission board; varied aspects of deputization; relationship with the mission board, churches and fellow missionaries; preparation for culture shock on the field. *First semester, two hours.*

CM 302—Principles & Methods of Missions.

The sending of the missionary; adjustment to the new environment on the mission field; the process of church planting; developing and training national leadership; relationship of missionaries to each other, to nationals, to the mission board and to governments; and national churches and their problems. *Second semester, three hours.*

CM 305—Women in Missions.

Single and married are required to make public presentations in a variety of difficult situations and are commonly expected to demonstrate capabilities in a wide range of diverse areas. This course is designed to provide instruction and guidance in the areas of potential challenge for women in missions. *Second semester, two hours.*

CM 308—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. *Second semester, two hours.*

CM 310—Current Issues in Missions.

Selected topics dealing with significant issues and practical problems relating to missions. *Second semester, one hour.*

CM 340—Practical Missionary Skills.

Provides basic instruction and hands-on experience in electricity, plumbing, auto mechanics and CPR for missionaries ministering in foreign cultures. Students receive instruction and resources to minimize time spent on practical issues and to maximize time spent in ministry. Shop fee and tool requirement. *First semester, two hours.*

CM 341—Practical Missionary Skills.

Provides basic instruction and hands-on experience in building construction, health and computer hardware for missionaries ministering in foreign cultures. Students receive instruction and resources to minimize time spent on practical issues and to maximize time spent in ministry. Shop fee and tool requirement. *Second semester, two hours.*

CM 370—Practicum in Cross-Cultural Evangelism.

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 hour.*

208 CM 371—Field Work.

For laymen and prospective missionaries to gain practical experience in various missionary endeavors. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Not applicable toward a major or minor. One hour.*

CM 372—Field Work.

For laymen and prospective missionaries to gain practical experience in various missionary endeavors. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Not applicable toward a major or minor. Summer only, two hours.*

CM 373—Field Work.

For laymen and prospective missionaries to gain practical experience in various missionary endeavors. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Not applicable toward a major or minor. Summer only, three hours.*

CM 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 Christian Missions majors. Not applicable toward a major or minor. Summer only, three hours.*

CM 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, two hours. Prerequisite: Bi 401 or NT 515.*

Medical Missions

MM 305—Medical Missions.

Applications of medical principles to the mission field. Problems connected with organizing and oper-

ating an outpatient clinic and hospital under conditions found on a mission field. *Overseas. Four hours.*

MM 307—Laboratory Techniques.

Practical demonstration and experience in performing simple routine clinical laboratory tests. The performance of tests in relationship to experiences and situations encountered on the mission field. *Two hours.*

MM 309—Field Work.

The student, under the direction of university personnel, will spend time on the mission field in a hospital and outpatient clinic approved by the University. Instruction and typical mission experiences will be arranged to give the student an overall view of life and work on the mission field. *Three hours.*

School of Fine Arts and Communication

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, one hour.*

DIVISION OF ART AND DESIGN

Department of Design

Apparel, Textiles and Design

ATD 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 hours.*

ATD 131—Apparel Construction II.

Application of professional sewing techniques and detail work to the construction of garments using commercial patterns. *Both semesters, three hours. Prerequisite: ATD 130.*

ATD 230—Needle Arts.

Traditional stitchery and handwork, including embroidery, cutwork, counted thread and drawn thread work, and lacemaking. Design application of needlework skills to textiles for apparel and home. *Second semester, three hours.*

ATD 235—Flat Pattern Design.

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 hours. Prerequisite: ATD 131.*

ATD 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 hours.*

ATD 245—Fashion Merchandising.

Overview of the fashion industry examining consumer behavior and influences on decision-making. Retail trends applied to the planning, development and presentation of product lines. *Second semester, three hours.*

ATD 330—Advanced Construction.

Couture techniques applied to lined suit construction. Advanced skills include welt pockets, bound buttonholes and underlying structure in a tailored garment. *Second semester, three hours. Prerequisite: ATD 131.*

ATD 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. *Both semesters, three hours.*

ATD 345—Computer Patternmaking.

Working knowledge of pattern design using computer software. Patterns created, graded and design detail added using screen slopers. *First semester, three hours. Prerequisite: ATD 235.*

ATD 430—Apparel, Textiles & Design Internship.

Field work experience in an Apparel, Textiles and Design professional workplace. Faculty approval required. *Both semesters and summer, three hours.*

ATD 445—Advanced Pattern Design.

Advanced study of garment design and fit. Independent design and construction of garments. *First semester, three hours. Prerequisite: ATD 235.*

ATD 499—Directed Study.

Faculty supervised design and construction for the advanced student. Faculty permission is required. *Three hours.*

Graphic Design

GrD 206—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. *First semester, two hours. Prerequisite: GrD 208.*

GrD 208—Calligraphy for Designers.

An introduction to the principles of calligraphy with applications appropriate for mechanical reproduction. Includes the study of Roman Caps, the Italic Hand and independent study of a third letter face. *Both semesters, two hours. Excludes: Ar 203.*

GrD 210—Web Design I.

An introduction to interactive design through the medium of the Web. Students will learn fundamental usability and interactive design principles and be introduced to the technologies and software used for professional Web design including basic HTML, CSS, Dreamweaver and Flash. *Second semester, three hours. Prerequisite: GrD 304.*

GrD 240—Design Technology I.

An introduction to electronic publishing with an emphasis on designing, using page layout and drawing software. Rudimentary production and prepress skills developed through class time devoted to hands-on experience in design-oriented projects. *Both semesters, two hours.*

GrD 304—Design Technology II.

A study of the history and applications of the computer as it pertains to graphics. Course includes practical projects using leading image editing, page layout and drawing software packages. *Both semesters, three hours. Prerequisite: GrD 240.*

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 hours. Prerequisite: GrD 206.*

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 hours. 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. *Second semester, two hours. Prerequisite: GrD 206.*

GrD 324—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 hours.*

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 hours.*

210

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 hours. Prerequisite: GrD 322.*

GrD 418—Web Design II.

An introduction to Web design from an aesthetic perspective. Focus on designing sites that are both usable and graphically pleasing. Various site types will be discussed including informative and commerce genres, making use of Macromedia's Dreamweaver, Fireworks and Flash programs. *First semester, two hours. Prerequisite: GrD 208.*

GrD 530—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 hours. Prerequisite: Ar 311.*

Interior Design

ID 108—Introduction to Interior Design.

Professional and personal qualifications of the interior designer. Communication methods used to produce presentation boards for clients, with emphasis on space planning, elements and principles of art, and an introduction to interior lighting. *First semester, three hours.*

ID 109—History of Interior Design.

Development of architectural styles from ancient times to the present. Development of residential architecture in the United States. Development of furniture styles from the ancient Egyptians to the present. *Second semester, three hours.*

ID 260—Building Systems and 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. *Second semester, three hours. Prerequisite: ID 270.*

ID 270—Basic Residential Drafting.

The manual development of presentation drawings needed in the design and construction processes of creating a new building. 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 sections and schematics. *First semester, three hours. Prerequisite: FCS 104 or ID 108.*

ID 280—Materials and 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 hours. Prerequisite: ID 270.*

ID 301—Sewing for Interior Design I.

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 hours. Prerequisite: FCS 104 or ID 108.*

ID 302—Sewing for Interior Design II.

Advanced professional sewing techniques and sewing skill development for interior design. Experiences may include construction of an advanced window treatment, seat cushions, some light upholstery, etc. *Second semester, three hours. Prerequisite: ID 301.*

ID 310—Residential Interior Design I.

A project-based course which addresses specific design considerations of every room in residential construction. Approached from a paying customer's viewpoint as he works with the student designer on a whole-house design concept. *Second semester, three hours.*

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 hours.*

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 hours.*

ID 340—Residential Interior Design II.

An elective project-based course which addresses advanced design problems of high-end and/or specialty types of residential design (kitchen and bath, ADA standards for residential spaces, etc.). *First semester, three hours.*

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. *Second semester, three hours. Prerequisite: ID 270.*

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 hours.*

ID 420—Interior Design Internship.

Open only upon recommendation of the Interior Design faculty. Place of internship will determine specific design experiences in which students will participate. *Both semesters, three hours.*

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 hours.*

Department of Studio Art

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 and summer, two hours.*

Ar 122—Drawing & Structural Representation II.

Continuation of Drawing and Structural Representation 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 hours. 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. *Lecture and lab. Both semesters, two hours. Prerequisite: Ar 121.*

Ar 130—Foundations I.

Elementary survey of art including principles of design, various media and a brief survey of history of painting. Attention will be given to developing sound biblical attitudes toward art evaluation and production. *Both semesters, two hours.*

Ar 201—Foundations II.

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 hours. Prerequisite: Ar 130 or Ar 225.*

Ar 202—Foundations III.

A continuation of the development of the visual vocabulary applying the basic art principles in creative design projects. *Second semester, two hours. Prerequisite: Ar 201.*

Ar 203—Calligraphy.

The study of letter forms and aesthetics of calligraphic lettering with the wide pen. Student applies what is learned through a series of practical projects. *Not applicable toward a Graphic Design major. Second semester, two hours. Excludes: GrD 208.*

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 and summer, two hours. Prerequisite: Ar 122 or Ar 125.

Ar 205—Chalk Talk Ministry.

The use of chalk for the presentation of gospel and biblical truths. Design, color, lighting and chalk techniques as used in evangelistic meetings. *First semester, two hours. Prerequisite: Ar 110 or Ar 121.*

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 hours. Prerequisite: Ar 121.*

Ar 220—Ceramics I.

Throwing basic forms on the potter's wheel and exploring basic techniques of handbuilding with an emphasis on form. Students will assist in loading the firing kilns and mixing clay and glazes. *Both semesters, two hours.*

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 hours. 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 an Art major. Both semesters and summer, two hours.*

Ar 231—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 hours. Prerequisite: Ar 121 and Ar 130 or Ar 225.*

Ar 232—Fiber Arts.

Beginning weaving and an exploration of textile surface design using applique, stitching, dying and printing techniques. *Second semester, two hours. Prerequisite: Ar 121 and Ar 130 or Ar 225.*

Ar 233—Advanced Fiber Arts.

Advanced study of fiber arts with focus on specific skills of the individual artist. *Both semesters, two hours. Prerequisite: Ar 231 and Ar 232.*

Ar 301—Advanced Drawing I.

Experimentation with various drawing media and techniques with an emphasis of drawing on location and drawing the clothed model or portrait drawing. *First semester, one hour. Prerequisite: Ar 201, Ar 202 and Ar 122 or Ar 125.*

Ar 302—Advanced Drawing II.

Further experience and opportunities to advance the drawing processes and skills. *First semester, one hour. Prerequisite: Ar 301.*

Ar 310—History of Art.

Survey of art history from prehistoric to the middle

ages. Also includes art from oriental and non-western cultures. *First semester, three hours.*

Ar 311—History of Art.

Survey of art history from the Renaissance to the present. Special emphasis is placed on the relationship of art to culture and the comparison of periods of art. *Second semester, three hours.*

Ar 315—Advanced Painting I.

Upper-level projects in portrait and the costumed figure and advanced projects in pictorial structure and composition. *Both semesters and summer, two hours. Prerequisite: Ar 204.*

Ar 316—Advanced Painting II.

Further advances in upper-level painting projects. *Both semesters and summer, two hours. Prerequisite: Ar 315.*

Ar 317—Advanced Painting III.

In-depth development of individual style and experimentation in oils or acrylics. *Both semesters and summer, two hours. Prerequisite: Ar 316.*

Ar 330—Ceramics III.

In depth development of individual style and experimentation in clay. *Both semesters, two hours. Prerequisite: Ar 221.*

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 hours. 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 hours. Prerequisite: Ar 331.*

Ar 341—Sculpture I.

The study of three-dimensional design with projects focusing primarily on the additive process and mold making. *Both semesters, two hours. Prerequisite: Ar 121 and Ar 207.*

Ar 342—Sculpture II.

Continuation of the study of three-dimensional design with emphasis on the subtractive process. Advanced work in the use of materials and techniques. *Both semesters, two hours. Prerequisite: Ar 341.*

Ar 343—Sculpture III.

Advanced work in the use of various materials and techniques with emphasis on strong design. *Both semesters, two hours. Prerequisite: Ar 342.*

Ar 351—Book Design.

Practical presentation of book design from the manufacturing process to layout considerations. Introduction to the issues of total book design: coordination of text and art with authors, editors, artists and printers; page layout; acquisition and placement of illustrations and photographs; preparation of material for printing; and knowledge and use of production tools. *Identical to PWP 310. Second semester, three hours. Prerequisite: GrD 240.*

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 hours.*

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 hours. 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 hours. 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 hours. 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 and summer, two hours. 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 and summer, two hours. Prerequisite: Ar 405 and Ar 406.*

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 and summer, two hours. Prerequisite: Ar 202 and Ar 122 or Ar 125.*

Ar 421—Watercolor II.

Further pursuits in outdoor painting and sketching. *Second semester and summer, two hours. 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 hours.*

Ar 430—Foundry Arts.

A course in foundry techniques related to sculpture. Traditional sand and investment molding, experimental sand casting, ceramic shell mold process, patination and finishing of sculptures in non-ferrous metals. *First semester, two hours. Prerequisite: Ar 207 and Ar 341.*

Ar 431—Beginning Metals.

Casting and metalsmithing techniques for jewelry fabrication with emphasis on design. *Second semester, two hours. Prerequisite: Ar 207.*

Ar 503—Seminar in Contemporary Art.

The development of the arts following the Industrial Revolution: the nineteenth century to the present day. The development of styles primarily in painting and sculpture. *Three hours.*

Ar 599—European Studies: Art.

The development of art in Europe from Renaissance to modern times; provides a background for the appreciation of art through direct contact with European culture. Special emphasis on Renaissance art in Northern Europe and Italy. Offered in conjunction with summer study tours. *Summer only, three hours.*

DIVISION OF MUSIC

Department of Music History and 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 hours.*

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 major or minor. Both semesters, two hours.*

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 hours. Prerequisite: 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 hours. Prerequisite: 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 hours. Prerequisite: Mu 101.*

Mu 500—Percussion Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three hours.*

Mu 501—Voice Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *First semester, odd-numbered years, three hours.*

Mu 502—Piano Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Second semester, odd-numbered years, three hours.*

Mu 503—Organ Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three hours.*

Mu 504—String Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three hours.*

Mu 505—Woodwind Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three hours.*

Mu 506—Brass Literature Survey.

An introduction to representative solo literature, student etudes and reference works for each brass instrument. *Three hours.*

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 hour.*

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 hours.*

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, one hour.*

Mu 510—Harp Literature Survey.

An introduction to representative solo literature, stressing the acquiring of a broad knowledge of standard repertoire and styles. *Three hours.*

Mu 599—European Studies: Music.

The development of music in Europe from Renaissance to modern times; provides a background for the appreciation of music through direct contact with European culture. Attendance at European music festival concerts and operas correlated with a survey of European music. *Summer only, three hours.*

Department of Music Theory and Technology

Music Technology

MTc 201—Introduction to Music Technology.

A survey of music technology including desktop music publishing, multitrack sequencing with MIDI and digital audio, computer-assisted instruction, multimedia and the Internet. Applications include Cakewalk Sonar, FreeStyle and Finale. *Both semesters, one hour. Prerequisite: MT 106 and Mu 101.*

MTc 202—Notation in Music Technology I.

Fundamentals of music typesetting including an overview of standard notation programs for the computer, with an emphasis on Finale. *Identical to ME 202. Both semesters, two hours. Prerequisite: MTc 201.*

MTc 501—Sequencing in Music.

Digital multitrack sequencing using Sonar. Includes recording and editing MIDI tracks and digital audio production. *Identical to ME 501. Second semester, odd-numbered years, two hours. Prerequisite: MTc 201.*

Music Theory**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. *Both semesters, four hours. Prerequisite: Rudiments of Music Theory Test.*

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. *Both semesters, four hours. 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. Both semesters, four hours. Prerequisite: MT 106.*

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. Both semesters, four hours. 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 hour.*

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 hours. 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 hours. Prerequisite: MT 301.*

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 to any degree. *First semester, two hours.*

MT 501—Eighteenth-Century Counterpoint.

Analysis of contrapuntal writings of the outstanding composers of the eighteenth century. Writing of counterpoint in two voices. Concentration on the chorale prelude, two-part invention and fugue. *Both semesters, two hours.*

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 hours.*

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 hours.*

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 years, two hours. Prerequisite: MT 501.*

MT 507—Basic Composition.

Foundational elements of composition. Exploration of various facets of creativity and craft in the context of idiomatic writing for piano and voice in basic forms. Listening, singing and analysis of model compositions. Applicable readings and composition exercises. *Second semester, two hours. 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 years, two hours.*

MT 509—Form and 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 hours. Prerequisite: MT 206.*

Department of Church Music**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 hours.*

SM 101—Hymn Reading.

Reading of gospel songs and hymns and simple improvisation. *Both semesters and summer, one hour. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 102—Hymn Reading.

Reading of gospel songs and hymns and simple improvisation. *Both semesters and summer, one hour. Prerequisite: SM 101.*

SM 103—Hymn Improvisation Class.

Sight-reading of gospel songs and hymns, chord formation, improvisation, transposition. Emphasis on congregational accompaniment techniques. Fundamentals of solo arrangements. *Both semesters and summer, one hour. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

SM 104—Hymn Improvisation Class.

Sight-reading of gospel songs and hymns, chord formation, improvisation, transposition. Emphasis on congregational accompaniment techniques. Fundamentals of solo arrangements. *Both semesters, one hour. Prerequisite: Hymn Reading/Hymn Improvisation Audition.*

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 hour.*

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 hours. 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 hours. 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. *Open only to men. Lecture and lab. Second semester, one hour. Excludes: SCS 255.*

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 hours. 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 hours. 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 hours.*

Department of Vocal Studies

Voice

Vo 101—104 Voice Class.

Voice is offered to all students without additional cost above regular tuition. These classes are arranged according to demand. Material studied will be adapted to the student's individual needs. *Both semesters and summer, one hour. Prerequisite: Voice Audition.*

Vo 211—281 Private Voice Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Voice Audition. Corequisite: Vo 099.

Vo 311—381 Private Instruction for the Voice Minor.

Both semesters, one hour. Prerequisite: Voice Audition. Corequisite: Vo 099.

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-two hours. 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-two hours. 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-two hours. 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-three hours. Prerequisite: Vo 461 or Vo 462. Corequisite: Vo 099.*

Vo 501—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 hours.*

Vo 502—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, even-numbered years, two hours. Prerequisite: Vo 501.*

Vo 503—Drama in Singing 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 includ-

ing dramatization of appropriate secular and sacred solo literature. *First semester, two hours. Prerequisite: Sophomore Platform—Passed.*

Vo 504—Drama in Singing 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 hours. 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, odd-numbered years, three hours.*

Department of Keyboard Studies

Organ

216 Or 211—281 Private Organ Instruction for the Non-Major.

Text: Davis: The Organist's Manual. Organ is offered to all students who satisfactorily pass an audition on the organ or piano. *Both semesters, one hour. Prerequisite: Organ Audition. Corequisite: Or 099.*

Or 311—381 Private Instruction for the Organ Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Organ Audition. Corequisite: Or 099.*

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 Twentieth-Century composers; hymns. *Both semesters, one-two hours. 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 Twentieth-Century composers. *Both semesters, one-two hours. 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 Twentieth-Century composers; preparation and presentation of the junior recital. *Both semesters, one-three hours. 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 Clavicrurburg, Part III; Mendelssohn: Sonatas; Saint-Saens: Preludes and Fugues; additional works from Romantic and Twentieth-Century composers; preparation and presentation of the senior recital. *Both semesters, one-three hours. 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 hours.*

Or 502—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 hours.*

Piano

Pi 101—105 Piano Classes for the Non-Major.

Piano is offered to all students, including beginners, without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters and summer, one hour. 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 hour. Prerequisite: Piano Audition.*

Pi 211—281 Private Piano Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Piano Audition.

Pi 311—381 Private Instruction for the Piano Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Piano Audition.*

Pi 411—422 Freshman Piano.

Acquiring sound, authoritative techniques; and careful study of performance of suitable compositions from the Baroque, Classical, Romantic and Twentieth-Century style periods. *Both semesters, one-two hours. 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-three hours. 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-three hours. 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-three hours. 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 hours.*

PPd 202—Graded Piano Literature II.

Analysis of upper-intermediate and advanced piano literature. *Second semester, two hours. Prerequisite: PPD 201.*

PPd 301—Intern Instruction I.

Observation and teaching of piano students in group and private settings under faculty guidance. *First semester, one hour. Prerequisite: PPD 201.*

PPd 302—Intern Instruction II.

Observation and teaching of piano students in group and private settings under faculty guidance. *Second semester, one hour. Prerequisite: PPD 301.*

PPd 401—Intern Instruction III.

Observation and teaching of piano students in group and private settings under faculty guidance. *First semester, two hours. Prerequisite: PPD 302.*

PPd 402—Intern Instruction IV.

Observation and teaching of piano students in group and private settings under faculty guidance. *Second semester, two hours. Prerequisite: PPD 401.*

PPd 501—Piano Pedagogy.

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 hours. Prerequisite: MT 106.*

PPd 502—Piano Pedagogy.

Principles of group piano instruction. A survey of contemporary methods and practical experience in the electronic piano laboratory. *Second semester, two hours. Prerequisite: MT 106.*

Department of Instrumental Studies

Bassoon

Bsn 211—281 Bassoon Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Bassoon Audition.

Bsn 311—381 Private Instruction for the Bassoon Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Bassoon Audition.*

Bsn 411—483 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-three hours. Prerequisite: Bassoon Audition.*

Brass Pedagogy

Br 501—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 hours.*

Cello

Cel 101—Cello Class.

Cello is offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters, one hour. Prerequisite: Cello Audition.*

Cel 211—281 Cello Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Cello Audition.

Cel 311—381 Private Instruction for the Cello Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Cello Audition.*

Cel 411—422 Freshman Cello.

Scales, arpeggios; attention to all technical deficiencies; Dupont or Schroeder etudes; Vivaldi, Handel, Eccles, or Mendelssohn sonata; pieces by Bach, Faure, Popper, Granados and Nin. *Both semesters, one-two hours. 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-two hours. 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-three hour. 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 Khachatourian concerto; pieces by Frescobaldi, Schumann, Weber and Tchaikovsky; senior recital. *Both semesters, one-three hours. Prerequisite: Cel 461, Cel 462 or Cel 463.*

Clarinet

Cl 211—281 Clarinet Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Clarinet Audition.

Cl 311—381 Private Instruction for the Clarinet Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Clarinet Audition.*

Cl 411—483 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-three hours. Prerequisite: Clarinet Audition.*

Double Bass

StB 211—281 Double Bass Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Double Bass Audition.

StB 311—381 Private Instruction for the Double Bass Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Double Bass Audition.*

StB 411—483 Double Bass.

Study in all phases of performance; technical studies; solo literature from the standard repertoire; ensemble and orchestra repertoire. *Both semesters, one-three hours. Prerequisite: Double Bass Audition.*

Euphonium

Eu 211—281 Euphonium Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Euphonium Audition.

218 Eu 311—381 Private Instruction for the Euphonium Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Euphonium Audition.*

Eu 411—483 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-three hours. Prerequisite: Euphonium Audition.*

Flute

Fl 101—Beginning Flute Class.

Flute is offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *One hour. Prerequisite: Flute Audition.*

Fl 211—381 Flute Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Flute Audition.

Fl 311—381 Private Instruction for the Flute Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Flute Audition.*

Fl 411—483 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-three hours. Prerequisite: Flute Audition.*

French Horn

FH 211—281 French Horn Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: French Horn Audition.

FH 311—381 Private Instruction for the French Horn Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: French Horn Audition.*

FH 411—483 French 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-three hours. Prerequisite: French Horn Audition.*

Harp

Hrp 211—281 Harp Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Harp Audition.

Hrp 311—381 Private Instruction for the Harp Minor.

Both semesters, one hour. Prerequisite: Harp Audition.

Hrp 411—483 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-three hours. Prerequisite: Harp Audition.*

Hrp 501—Harp Pedagogy.

General principles of teaching harp (methods, materials, techniques), basic repertoire, as well as music terminology and harp maintenance. *Two hours.*

Oboe

Ob 211—281 Oboe Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Oboe Audition.

Ob 311—381 Private Instruction for the Oboe Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Oboe Audition.*

Ob 411—483 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-three hours. Prerequisite: Oboe Audition.*

Percussion

Per 211—281 Percussion Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Percussion Audition.

Per 311—381 Private Instruction for the Percussion Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Percussion Audition.*

Per 411—483 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-three hours. Prerequisite: Percussion Audition.*

Per 501—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 pre-college level. *Two hours.*

Saxophone

Sax 211—281 Saxophone Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Saxophone Audition.

Sax 311—381 Private Instruction for the Saxophone Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Saxophone Audition.*

Sax 411—483 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-three hours. Prerequisite: Saxophone Audition.*

String Pedagogy

SPd 203—Beginning Violin/Viola Pedagogy.

Developmental approach to individual and group teaching of elementary violin and viola. Survey of beginning to lower intermediate literature comparable to Suzuki 1–3, various methods and approaches to teaching technique, note reading, shifting, vibrato; observations and practicum; lab orchestra experience and proficiency test on secondary instruments. *Violinists/violists only. First semester, two hours.*

SPd 204—Beginning Cello/Bass Pedagogy.

Developmental approach to individual and group

teaching of elementary cello and bass. Survey of beginning to lower intermediate literature comparable to Suzuki 1–3, various methods and approaches to teaching technique, note reading, shifting, vibrato; observations and practicum; lab orchestra experience and proficiency test on secondary instruments. *Cellists/bassists only. First semester, two hours.*

SPd 205—Intermediate Violin/Viola Pedagogy.

Exploration of upper intermediate student skills and techniques, including scales, arpeggios, shifting, playing in the upper positions, double stops, vibrato. Literature comparable to Suzuki 4 and higher. Observations and practicum; lab orchestra experience and proficiency test on secondary instruments. *Violinists/violists only. Second semester, two hours. Prerequisite: SPd 203.*

SPd 206—Intermediate Cello/Bass Pedagogy.

Exploration of upper intermediate student skills and techniques, including scales, arpeggios, shifting, playing in thumb position, double stops, vibrato, tenor/treble clef. Literature comparable to Suzuki 4 and higher. Observations and practicum; lab orchestra experience and proficiency test on secondary instruments. *Cellists/bassists only. Second semester, two hours. Prerequisite: SPd 204.*

SPd 301—Intern Instruction I.

Observation and teaching of string students in group and private settings under faculty guidance. *First semester, one hour.*

SPd 302—Intern Instruction II.

Observation and teaching of string students in group and private settings under faculty guidance. *Second semester, one hour. Prerequisite: SPd 301.*

SPd 401—Intern Instruction III.

Observation and teaching of string students in group and private settings under faculty guidance. *First semester, one hour. Prerequisite: SPd 302.*

SPd 402—Intern Instruction IV.

Observation and teaching of string students in group and private settings under faculty guidance. *Second semester, one hour. Prerequisite: SPd 401.*

SPd 501—String Pedagogy I.

The major schools of string teaching and their methodologies. Development of string playing and string pedagogy from the Baroque to the present. Advanced string techniques including bowing, shifting and practice skills. *First semester, two hours.*

SPd 502—String Pedagogy II.

A continuation of general principles for establishing a studio including purchase and maintenance of instruments, business procedures and effective studio policies. *Two hours. Prerequisite: SPd 501.*

Trombone

Tbn 211—281 Trombone Instruction for the Non-Major.

Both semesters, one hour. Prerequisite: Trombone Audition.

Tbn 311—381 Private Instruction for the Trombone Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Trombone Audition.*

Tbn 411—483 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-three hours. Prerequisite: Trombone Audition.*

Trumpet**Tr 211—281 Trumpet, Cornet Instruction for the Non-Major.**

Second semester, even-numbered years, one hour. Prerequisite: Trumpet or Cornet Audition.

Tr 311—381 Private Instruction for the Trumpet, Cornet Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Trumpet or Cornet Audition.*

Tr 411—483 Trumpet.

A progressive study of all areas of performance with emphasis on correct breathing, tone and embouchure development; scales, arpeggios, flexibility studies from Davidson, Schollossberg, 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, Artunian; ensemble and orchestral repertoire; pedagogical skills; junior and senior recitals. *Both semesters, one-three hours. Prerequisite: Trumpet or Cornet Audition.*

Tuba**Tu 211—281 Tuba Instruction for the Non-Major.**

Both semesters, one hour. Prerequisite: Tuba Audition.

Tu 311—381 Private Instruction for the Tuba Minor.

Principal instrument only. *Both semesters, one hour. Prerequisite: Tuba Audition.*

Tu 411—483 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, Kopprasch, Cimeria, 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-three hours. Prerequisite: Tuba Audition.*

Viola**Vla 211—281 Viola Instruction for the Non-Major.**

Both semesters, one hour. Prerequisite: Viola Audition.

Vla 311—381 Private Instruction for the Viola Minor.

Principal instrument only. *Both semesters, one hour. 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-two hours. Prerequisite: Viola Audition.*

Vla 431—442 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-two hours. 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-three hours. 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, Hovahnness, Milhaud and Walton; senior recital. *Both semesters, one-three hours. Prerequisite: Vla 461, Vla 462 or Vla 463.*

Violin**Vi 101—Violin/Viola Class.**

Violin and viola are offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters, one hour. Prerequisite: Violin Audition.*

Vi 102—Violin/Viola Class.

Violin and viola are offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters, one hour. Prerequisite: Vi 101.*

Vi 103—Violin/Viola Class.

Violin and viola are offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *Both semesters, one hour. Prerequisite: Vi 102.*

Vi 104—Violin/Viola Class.

Violin and viola are offered to all students without additional cost above regular tuition. These classes are arranged according to demand. *One hour. Prerequisite: Vi 103.*

Vi 203—Orchestral Repertoire.

Acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. *First semester, odd-numbered years, one hour.*

Vi 204—Orchestral Repertoire.

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 years, one hour.*

Vi 211—281 Violin Instruction for the Non-Major.
Both semesters, one hour. Prerequisite: Violin Audition.

Vi 301—Orchestral Repertoire.

A continuation of acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. First semester, even-numbered years, one hour.

Vi 302—Orchestral Repertoire.

A continuation of acquaintance with literature and instruction in all aspects of the preparation of standard orchestral repertoire for professional symphony auditions. Second semester, even-numbered years, one hour.

Vi 311—381 Private Instruction for the Violin Minor.

Principal instrument only. Both semesters, one hour. 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-two hours. 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-two hours. 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-three hours. 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-three hours. Prerequisite: Vi 461, Vi 462 or Vi 463.

Woodwind Pedagogy

WW 501—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, even-numbered years, two hours.

WW 502—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 years, two hours. Prerequisite: WW 501.

DIVISION OF COMMUNICATION

Department of Communication Studies

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 hour.

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 hour.

CD 206—Introduction to Communicative Disorders.

A study of the nature, etiology and remediation of communicative disorders in children and adults, including an overview of the field of speech-language pathology. Identical to Exc 206. Second semester, three hours. 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 hours. 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 hours. 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 hours. 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 hours. 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. Second semester, three hours.

CD 305—Sign Language I.

An introduction to alternative methods of communication for non-verbal populations and the acquisition and development of fundamental expressive and receptive skills in manual communication. Special emphasis is placed on basic positions, movements and rhythmic aspects of encoding and decoding the language of signs and the American Manual alphabet. First semester, three hours.

CD 306—Sign Language II.

Further practice in encoding and decoding American Sign Language and fingerspelling. Other aspects of sign language as used by the deaf population. A cultural perspective of deafness will be stressed. *Second semester, three hours. Prerequisite: CD 305.*

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 hour.*

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. *Identical to Exc 401. First semester, three hours. Prerequisite: CD 206.*

CD 402—Acquired Language Disorders.

Presents classical and contemporary theoretical constructs related to central speech and language dysfunction in adolescent 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 hours. 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 hours. 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 hours. Prerequisite: CD 206.*

CD 405—Selected Topics in Speech 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, a research project. *Second semester, three hours. Prerequisite: CD 206.*

CD 406—Diagnostic and Therapeutic Methods in Speech-Language Pathology.

Familiarization and review of testing procedures, statistical terminology and record-keeping. Students will write objectives, prepare lesson plans and implement strategies for remediating a variety of communication disorders related to their clinical practicum assignment. Writing IEPs and note-taking will also be stressed. *First semester, three hours.*

CD 499—Clinical Practicum.

Supervised clinical practice in screening, diagnosis and therapy. Practicum will meet requirements for 50 hours of clinical practice in two different settings per South Carolina requirements for licensure as a

Speech Language Pathology Assistant. *First semester, nine hours.*

Communication Studies**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 to a major or minor in the Division of Communication. Both semesters and summer, three hours.*

Com 201—Public Speaking.

Organization, preparation and delivery of speeches for different occasions with emphasis on construction and audience adaptation. *Both semesters, three hours. 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 hours. Prerequisite: Com 101.*

Com 203—Research Methods in Communication.

A survey of quantitative, qualitative and textual research methods most commonly used in the communication field. Focus on information gathering and research skills needed to design, conduct and critically evaluate communication research. *Second semester, three hours. Prerequisite: Com 202.*

Com 205—Classroom Communication.

Development of the special speech skills appropriate for the classroom teacher. *Both semesters and summer, three hours. Prerequisite: Com 101.*

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. *Both semesters, three hours. Prerequisite: Com 202.*

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. *Both semesters, three hours. Prerequisite: Com 202.*

Com 304—Theories of Communication.

Comparison of various approaches to the study of communication with particular emphasis on a Christian perspective. *Second semester, three hours. Prerequisite: Com 202.*

Com 305—Introduction to Rhetorical Theory.

Overview of rhetorical theory and practice from the ancient period to the present. *First semester, three hours.*

Com 307—Private Lessons in Rhetoric and Public Address.

Both semesters, one hour.

Com 308—Private Lessons in Rhetoric and Public Address.

Both semesters, one hour.

Com 322—Teaching Speech and Drama.

Materials, methods, procedures and related topics in the teaching of speech in the secondary school. *Second semester, three hours.*

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 hours.*

Com 402—Senior Project in Rhetoric and Public Address.

Preparation for the senior project in Rhetoric and Public Address. *Not applicable toward a communication minor. Both semesters, one hour.*

Com 403—Senior Project in Rhetoric and Public Address.

Preparation for the senior project in Rhetoric and Public Address. *Not applicable toward a communication minor. Both semesters, two hours.*

Com 407—Debate.

Study and practice of the forms of debate. *First semester, three hours. 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. *Both semesters and summer, three hours. Prerequisite: Com 101. Excludes: SAS 225.*

Com 417—Small Group Communication.

Introduction to small group communication theory. Practical applications in various small group contexts. *Both semesters, three hours. Prerequisite: Com 101.*

Com 502—Rhetorical Criticism.

Principles, functions and methods of rhetorical criticism as they relate to public address. *First semester, three hours.*

Com 504—American Public Address.

Critical-historical study of speeches and speaking careers of outstanding religious and political figures from Jonathan Edwards to the present *Second semester, Distance Learning, three hours.*

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 hours. Prerequisite: Com 303.*

Com 506—Interviewing.

Principles and techniques of planning and conducting the major types of interviews used in organizational and media contexts. Emphasis on research, questioning strategies and dyadic communication skills. *Second semester, three hours.*

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 hours.*

Com 508—Communication Technology.

Analysis of theoretical implications and practical applications of computer-mediated communication, computer-supported cooperative work and other

technologies that impact communication in society. *Second semester, three hours.*

Com 510—Persuasion.

Theories of persuasion, platform practice and criticism of model persuasive speeches. *Second semester, three hours. Prerequisite: Com 201.*

Com 511—Seminar in Public Address.

Historical-critical studies in various aspects of public address. Special area of concentration to be determined each semester. *Three hours.*

Com 512—Seminar in Public Address.

Historical-critical studies in various aspects of public address. Special area of concentration to be determined each semester. *Three hours.*

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. *First semester, three hours.*

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, even-numbered years, three hours.*

Com 522—Assessment Methods in Communication.

Introduction to qualitative and quantitative methods used in academics and business settings. *Second semester, odd-numbered years, three hours. Prerequisite: Com 202 and Com 203.*

Com 523—Special Topics in Communication.

Topics may include nonverbal communication, interpersonal communication in multinational corporations, organizations as culture, and readings in organizational communication. *Three hours.*

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 hours.*

Department of Journalism and Mass Communication

Journalism and Mass Communication

JMC 101—Fundamentals of Electronic Media.

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. *First semester, three hours.*

JMC 200—Media and Society.

A survey of media institutions, theories and research. Particular emphasis on the role of mass communication in contemporary society. *Second semester, three hours.*

JMC 201—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. *Both semesters, three hours. Prerequisite: JMC 101.*

JMC 202—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. *Second semester, three hours. Prerequisite: PW 211.*

JMC 203—Audio Equipment Operation.

Sound principles, theory and operation of audio equipment. Applications in radio production, live on-air shifts, Public Address systems and audio content for the Web. *Both semesters, three hours. Prerequisite: JMC 101.*

JMC 205—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. *Both semesters, three hours. Prerequisite: En 102.*

JMC 206—Video Equipment Operation.

Operation of video equipment emphasizing field production. Special emphasis on composition of pictures using video cameras and the fundamentals of non-linear video editing. *Both semesters, three hours. Prerequisite: JMC 101.*

JMC 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. *Identical to CMn 305. Second semester, three hours.*

JMC 300—News Writing.

Advanced techniques in writing news and features for print and electronic media, with an emphasis on Associated Press style. *First semester, three hours. Prerequisite: JMC 205 and PW 211.*

JMC 301—Advanced Announcing.

Advanced application of announcing skills, including interviewing, ad-libbing, newscasting, sportscasting and advanced commercial delivery for radio, television and new media. Emphasis on announcing as a profession. *First semester, odd-numbered years, three hours. Prerequisite: JMC 201.*

JMC 302—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 hours. Prerequisite: PW 211.*

JMC 303—Audio Production.

Advanced concepts of audio, including complex radio commercial production and studio recordings. Techniques of recording, mixing and editing using audio software. Instruction in archiving media projects for the Senior Portfolio. *First semester, three hours. Prerequisite: JMC 203.*

JMC 305—Video 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, three hours. Prerequisite: JMC 206.*

JMC 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 years, three hours. Prerequisite: JMC 300.*

JMC 315—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. *Second semester, three hours. Prerequisite: JMC 205 and JMC 300.*

JMC 316—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. *Second semester, three hours. Prerequisite: JMC 206 and JMC 300.*

JMC 317—TV Newscast Production.

Producing and directing in-studio television news programs. Includes practical application of control room equipment operation and personnel direction during a broadcast newscast. *First semester, three hours. Prerequisite: JMC 206.*

JMC 321—Public Relations Writing.

Principles and techniques of writing for public relations, including news releases, brochures, newsletters, annual reports, white papers and media kits. Introduction to advertising, with emphasis on creative strategies. *First semester, three hours. Prerequisite: JMC 215 and PW 211.*

JMC 401—Electronic Media Management.

Survey of the management principles and practices of the electronic media industry; theories and strategies of media finance, technological advances, audience research, ratings, program selection, scheduling, and evaluation. *Second semester, three hours. Prerequisite: JMC 101 and JMC 200.*

JMC 402—Radio Programming.

Advanced concepts of radio production including radio format analysis, station imaging, complex commercial production, program analysis and development of a pilot radio series. *First semester, even-numbered years, three hours. Prerequisite: JMC 203.*

JMC 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. *Second semester, odd-numbered years, three hours. Prerequisite: PW 211.*

JMC 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. *Second semester, three hours. Prerequisite: JMC 321.*

JMC 431—Special Topics in Journalism and Mass Communication.

Current issues in journalism and mass communication. *First semester, three hours. Prerequisites: Junior or senior standing and permission of department head.*

JMC 432—Special Topics in Journalism and Mass Communication.

Current issues in journalism and mass communication. *Second semester, three hours. Prerequisites: Junior or senior standing and permission of department head.*

JMC 441—Journalism and 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. *Both semesters, one hour. Prerequisite: Senior standing.*

JMC 451—Internship.

A supervised experience in applying journalism and mass communication principles in a media setting. Place of internship—such as BJU Press, local public relations firms and local media outlets—dependent on program concentration. Based on faculty recommendations and internship availability. *Both semesters and summer, three hours. Prerequisites: Senior standing and permission from department head.*

JMC 452—Internship.

A supervised experience in applying journalism and mass communication principles in a media setting. Place of internship—such as BJU Press, local public relations firms and local media outlets—dependent on program concentration. Based on faculty recommendations and internship availability. *Both semesters and summer, three hours. Prerequisite: JMC 451. Prerequisites: Senior standing and permission from department head.*

JMC 501—Media Law and Ethics.

Survey of the federal, state and local laws that most directly affect mass communication in the United States, with emphasis on the understanding of the First Amendment freedoms and ethical principles in mass communication. *Second semester, three hours.*

JMC 511—Media Relations.

Analysis and implementation of media relations strategies and programs for profit and nonprofit organizations. *First semester, three hours.*

Professional Writing

PW 207—Fundamentals of Publishing.

An overview of publishing, emphasizing booktrade 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 years, three hours. Prerequisite: En 102.*

PW 211—Expository Writing.

Principles and techniques of writing that informs or explains. *Both semesters, three hours. Prerequisite: En 102.*

PW 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 hours. Prerequisite: En 102.*

PW 307—Book and Technical Editing.

Principles and techniques of editing a book or technical document from manuscript to published version with special emphasis on copyediting and proofread-

ing skills. *First semester, even-numbered years, three hours. Prerequisite: PW 207.*

PW 322—Critical Writing.

Principles and techniques of analytical and evaluative writing. *Second semester, three hours. Prerequisite: En 103.*

PW 324—Business Writing.

Preparation of letters, memos and reports for business and the professions. *Both semesters, three hours. Prerequisite: En 102.*

Department of Cinema

Cinema Production

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 hours.*

Ci 101—Basic Photography.

(Supply Fee: Actual cost of materials used.) Introduction to still photography. Basic training on the 4 x 5 camera, black and white processing and enlarging through regular projects. Basic 35mm color slide photography with projects oriented toward composition and theme. *Restricted to Cinema Production majors. Both semesters, three hours. Excludes: Pho 101.*

Ci 111—Production Fundamentals.

(Supply Fee: Actual cost of materials used.) Survey of the preproduction, production and post-production phases in film and video, with emphasis on the visual communication of an idea. Basic hands-on operation of video and motion picture cameras. *Outside lab time involved. Both semesters, three hours.*

Ci 202—Professional Film & Video Camera.

(Supply Fee: Actual cost of materials used.) Operation and handling of professional film and video cameras, supports, and related production equipment. Basic motion picture and video camera technologies. Students will complete both film and video projects. *Second semester, three hours. Prerequisite: Ci 101 and Ci 111.*

Ci 203—Basic Sound Techniques.

(Supply Fee: Actual cost of materials used; purchase of class-approved headphones.) Introduction to equipment and techniques of sound recording and reproduction. Emphasis in usage of equipment necessary for film, videotape and multi-image sound tracks. Practical recording exercises and evaluation of sound tracks. *First semester, three hours. Prerequisite: Ci 111.*

Ci 204—Intermediate Sound Techniques.

(Supply Fee: Actual cost of materials used.) Continuation of Ci 203. Further study of sound equipment and recording techniques. Advanced

sound recording, editing and production of composite sound tracks for audiovisual presentations. *Second semester, three hours. Prerequisite: Ci 203.*

Ci 301—Cinematography.

(Supply Fee: Actual cost of materials used.) An overview of the work of the professional cinematographer/videographer: 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. *First semester, three hours. Prerequisite: Ci 202.*

Ci 303—Editing for Film & Video I.

(Supply Fee: Actual cost of materials used.) Study of the principles, techniques and aesthetics of film and video editing. Class includes the sophomore project, which is shot in 16mm film and edited using Avid software. *First semester, three hours. Prerequisite: Ci 111.*

Ci 304—Editing for Film & Video II.

(Supply Fee: Actual cost of materials used.) Theory and practice of editing. Includes practical training and exercises in non-linear video editing. Class includes the sophomore project, which is shot in 16mm film and edited using Avid software. *Second semester, three hours. Prerequisite: Ci 303.*

Ci 306—Scenic Design for the Motion Picture.

(Supply Fee: Actual cost of materials used.) Students will develop an understanding of the setting, or scenic design, for motion picture and video 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 hours. Prerequisite: Ci 101.*

Ci 312—Video Production Seminar.

(Supply Fee: Actual cost of materials used.) Practical experience in video production techniques through the creation of several video projects. *First semester, two hours. Prerequisite: Ci 202, Ci 204 and Ci 304.*

Ci 314—Animation Principles.

(Supply Fee: Actual cost of materials used.) 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, two hours.*

Ci 315—Animation Procedures.

(Supply Fee: Actual cost of materials used.) 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, two hours. Prerequisite: Ci 314.*

Ci 316—Digital Imaging Techniques.

(Supply Fee: Actual cost of materials used.) An introduction to the foundations of digital images including color space, resolution and input/output for film, video, and multimedia production. Practical assignments include color correction, image manipulation, layering and original digital content creation using industry standard imaging editing software such as Photoshop. Motion Graphics assignments, using After

Effects, offer experience with projects that combine still and graphic images, video and sound. *Both semesters, two hours. Prerequisite: Ci 101 and CpS 101.*

Ci 405—Screenwriting.

(Supply Fee: Actual cost of materials used.) An introduction to effective corporate, documentary and dramatic screenwriting with an emphasis on preparing the student to write the script for his senior project. *First semester, two hours. 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. Both semesters, two hours. 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. Both semesters, two hours. Prerequisite: Ci 407.*

Ci 411—Cinema Workshop.

Participation in professional film, multimedia, or video production. *Offered during production years only. Both semesters, three hours. Prerequisite: Ci 111.*

Ci 412—Cinema Workshop.

Participation in professional film, multimedia or video production. *Offered during production years only. Both semesters, three hours. Prerequisite: Ci 111.*

Ci 414—Makeup for Motion Picture & Video Production.

(Supply fee: actual cost of materials used.) The application and principles of makeup for motion picture and video production. Demonstration and practical experience in straight and character makeups. *First semester, odd-numbered years, two hours.*

Ci 415—3-D Computer Animation I.

(Supply Fee: Actual cost of materials used.) An introduction to the process of three-dimensional computer animation including working in 3-D space; modeling, material editing, shaders, textures, lighting in the 3-D environment. Emphasis will be on a major modeling project. *First semester, three hours. Prerequisite: Ci 111 and Ci 101.*

Ci 416—3-D Computer Animation II.

(Supply Fee: Actual cost of materials used.) 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, three hours. Prerequisite: Ci 415.*

Ci 417—Cinema Directing.

(Supply Fee: Actual cost of materials used.) 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 film forms. *Second semester, three hours. Prerequisite: Ci 111.*

Ci 418—Cinema Directing.

(Supply Fee: Actual cost of materials used.) The func-

tions 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 film forms. *Three hours. Prerequisite: Ci 417.*

Ci 421—Media Presentations for Ministry.

(Supply Fee: Actual cost of materials used.) Practical application of cinematic principles in picture and sound applied to the church setting. Special emphasis on missionary slide, video or PowerPoint presentations. *Second semester, odd-numbered years, three hours. Prerequisite: Ci 111 and Ci 204.*

Ci 422—Motion Graphics.

Practical experience in the creation and animation of text, images and graphics. In-depth training and specific assignments are given with computer programs, like Adobe After Effects. *Second semester, two hours. Prerequisite: Ci 111 and Ci 316.*

Ci 425—Film & Video Lighting.

(Supply Fee: Actual cost of materials used.) Operation of professional lighting equipment for film and video production in the studio or on location. Basic electrical theory necessary to the safe rigging of electrical equipment. Principles of set lighting for film and single-camera video production. *Second semester, three hours. Prerequisite: Ci 111.*

Ci 479—Production Seminar.

(Supply Fee: Actual cost of materials used.) Guidance for the creative project to be submitted before graduation. Tailored to student interest and proficiency. Scripting and pre-planning for this project will have begun during the junior year. Classwork includes a review of idea development and scriptwriting and the study of production management, budget preparation, production planning, shooting and post-production. The student will complete a rough cut of his film. *Both semesters, three hours. Prerequisite: 25 hours in Cinema, including Ci 312.*

Ci 480—Production Seminar.

(Supply Fee: Actual cost of materials used.) 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, three hours. Prerequisite: Ci 479.*

CJ 596—Production Internship.

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. *Positions are to be found through initiative of the individual student and are not the responsibility of the department. Both semesters, three hours.*

Ci 597—Production Internship.

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. *Positions are to be found through initiative of the individual student and are not the responsibility of the department. Both semesters, three hours.*

Photography

Pho 100—Photography Fundamentals.

(Supply fee: actual cost of materials used.) Introduction to still photography. Basic principles of 35mm traditional still photography, digital photography and the use of the flash. Emphasis on a technical and aesthetic foundation of photographic skills, including composition, theme and exposure. Regular photography assignments will be given. *Open only to photography majors and minors and to graphic design and cinema majors. Both semesters, Distance Learning, three hours.*

Pho 200—Digital Photography.

(Supply fee: Actual cost of materials used.) Digital image management and image manipulation. File management is taught with a specified workflow using Adobe Lightroom emphasizing current industry standards and guidelines. Adobe Photoshop will be used for image manipulation and will include tonal corrections and retouching techniques. *Both semesters and summer, Distance Learning, three hours. Prerequisite: Pho 100.*

Pho 300—Photojournalism.

(Supply fee: Actual cost of materials used.) Theory and practice of newspaper photojournalism and visual storytelling; ethics and history of photojournalism. In addition to learning theory, students will have opportunities for practical application of photojournalistic principles during in-class shoots and client-driven assignments. *Both semesters, three hours. Prerequisite: Pho 100 or Ci 101 and Pho 200.*

Pho 301—The Art of Photography.

(Supply fee: Actual cost of materials used.) Exploration of the photographic image as a personal artistic expression. Emphasis on black and white photography and darkroom printing, with some work in color shooting and digital photo manipulation (Photoshop). *First semester, three hours. Prerequisite: Pho 200.*

Pho 310—Introduction to Professional Photography.

(Supply fee: Actual cost of materials used.) An overview of the advanced cameras, lighting and business skills a professional photographer needs to know. *Both semesters, three hours. Prerequisite: Pho 200.*

Pho 401—Wedding Photography.

(Supply fee: Actual cost of materials used.) A concentration on lighting and posing techniques used in wedding photography, including multiple flash lighting techniques for individual, couple and group photographs both indoor and outdoor. Assignments will include using a medium format camera as well as a digital camera. In addition to the shooting assignments, students will be required to create a wedding package proposal, a negative tracking system and a small wedding album. *First semester and summer, odd-numbered years, three hours. Prerequisite: Pho 200 and Pho 310.*

Pho 402—Portrait Photography.

(Supply fee: Actual cost of materials used.) A concentration on lighting and posing techniques used in portrait photography, including studio and outdoor lighting techniques for individual, couple and group photographs. Assignments will include using

a medium format camera as well as a digital camera. In addition to the shooting assignments, students will be required to create a portrait price list, a negative tracking system and one large print. *Second semester, three hours. Prerequisite: Pho 200 and Pho 310.*

Pho 403—Commercial Photography: Industrial. (Supply fee: Actual cost of materials used.) A concentration on lighting techniques and composition guidelines in commercial photography, including controlled lighting techniques for textile, architecture and large product photography. Assignments will be photographed with perspective cameras including a 4x5 view camera as well as a digital camera. In addition to the shooting assignments, students will be required to maintain a schedule, track all of their film and present the images in a professional manner. *Second semester, even-numbered years, three hours. Prerequisite: Pho 200 and Pho 310.*

Pho 404—Commercial Photography: Tabletop Product.

(Supply fee: Actual cost of materials used.) A concentration on lighting techniques and composition guidelines in commercial photography, including controlled lighting techniques for small product photography. Assignments will be photographed mainly with perspective cameras including a 4x5 view camera as well as a digital camera. In addition to the shooting assignments, students will be required to maintain a schedule, track all of their film and present the images in the professional manner. *Second semester, odd-numbered years, three hours. Prerequisite: Pho 200 and Pho 310.*

Department of Dramatic Arts

Dramatic Production

DP 101—Stagecraft.

An introduction to the various crafts of dramatic production: Scenery, props, rigging, lighting and makeup. Special emphasis is placed upon tools and techniques of stagecraft. *Second semester, three hours.*

DP 105—Theatre History and Literature I.

A history of theatre from Antiquity through the 18th century with a special emphasis on the relationship between text and performance. *First semester, three hours.*

DP 201—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 hours. Prerequisite: DP 105 or DP 225.*

DP 202—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. *Second semester, two hours. Prerequisite: DP 105 or DP 225.*

DP 203—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 hours. Prerequisite: DP 105 or DP 225.*

DP 205—Theatre History and Literature II.

A history of dramatic productions of the nineteenth and twentieth centuries with a special emphasis on the relationship between text and performance. *First semester, three hours.*

DP 225—Appreciation of Dramatic Arts and 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 to a major in Dramatic Arts. Both semesters, two hours.*

DP 300—Stage Directing.

The theory and principles of directing for the stage, including practical application in directing scenes from various plays. *Both semesters, three hours. Prerequisite: DP 105 or DP 225.*

DP 305—Design Collaboration Practicum.

Students will execute designs for a production as part of a design team. Emphasis on developing collaboration skills. *Second semester, one hour.*

DP 306—Acting I.

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 hours. Prerequisite: Com 101.*

DP 317—Playwriting.

Foundations of playwriting with lab work in monologue, scenes and one-act plays. *Identical to CW 417. Both semesters, three hours. Prerequisite: CW 212, DP 105 or DP 225.*

DP 401—Private Instruction for the Dramatic Production Major.

Both semesters, one hour.

DP 402—Private Instruction for the Dramatic Production Major.

Both semesters, one hour.

DP 503—Acting II.

Presentational and representational acting with attention paid to period plays and verse drama. *Second semester, three hours. Prerequisite: DP 306.*

DP 509—Stage Makeup.

The principles and application of makeup design for stage productions in a variety of contexts and styles. *First semester, two hours.*

DP 511—Script Writing.

Principles and techniques of writing or adapting a full-length dramatic script for radio, television, screen or stage. *First semester, three hours. Prerequisite: CW 212 or DP 317.*

DP 513—Drama in Ministry.

Discussion of the history, literature, philosophy and current trends in Christian drama. Emphasis on development of a personal philosophy of ministry in the dramatic arts. *Second semester, two hours.*

DP 521—Special Topics in Dramatic Production.

Rotating topics in dramatic production history, theory and practice. *Both semesters, three hours.*

DP 522—Special Topics in Dramatic Production. Rotating topics in dramatic production history, theory and practice. *Both semesters, three hours.*

DP 596—European Studies: Dramatic Production. 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. *Identical to En 596. Summer only, three hours.*

Performance Studies

PSt 100—Introduction to Performance Studies. Principles of performance studies with emphasis on critical analysis of literature and basic performance skills. *Performance Studies majors only. Second semester, three hours. Prerequisite: Com 101.*

PSt 101—Fundamentals of Performance Studies. The basic principles of communicating literature with special emphasis on Christian ministry. *Not applicable toward a major in communication. Both semesters, three hours. Prerequisite: Com 101.*

PSt 200—Performance of Poetry. Principles and techniques of analysis and performance of lyric and narrative verse. *Both semesters, three hours. Prerequisite: PSt 100 and PSt 101.*

PSt 201—Performance of Narrative & Drama. Principles and techniques of analysis and performance of narrative and dramatic texts. *Both semesters, three hours. Prerequisite: PSt 100 and PSt 101.*

PSt 203—Voice and 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 hours. Prerequisite: Com 101.*

PSt 301—Private Lessons in Performance Studies. *Not applicable for a major in performance studies. Both semesters, one hour.*

PSt 302—Private Lessons in Performance Studies. *Not applicable for a major in performance studies. Both semesters, one hour.*

PSt 303—Private Lessons in Performance Studies. *Not applicable for a major in performance studies. Both semesters, one hour.*

PSt 304—Private Lessons in Performance Studies. *Not applicable for a major in performance studies. Both semesters, one hour.*

PSt 305—Storytelling. The exploration of topics such as oral traditions, understanding and collecting verbal art, storytelling techniques incorporating personal style, and the transition into trans-media storytelling. Emphasis on practical application for diverse audiences. *Both semesters, three hours. Prerequisite: Com 101.*

PSt 310—Stage Movement. Beginning stage movement for the performer. Emphasis on period movements, realignment, flexibility, gesture and body composition, and physical characterization. *First semester, two hours. Prerequisite: three hours from PSt 200 or PSt 201.*

PSt 401—Voice for the Performer. Intensive study and praxis in voice in performance. *First semester, one hour.*

PSt 402—Movement for the Performer. Intensive study and praxis in movement in solo performance. *Second semester, one hour.*

PSt 403—Private Lessons for the Performance Studies Major. *Both semesters, one hour.*

PSt 404—Private Lessons for the Performance Studies Major. *Both semesters, one hour.*

PSt 504—Staging Literature. Adaptation, direction and group performance of poetry, narrative fiction and compiled scripts. *First semester, three hours. Prerequisite: DP 105 or PSt 100.*

PSt 505—Performing Literature. Study through performance of selected texts. Possible topics may include Shakespeare, Christian literature and acting for the camera or the one-person show. Topic to be announced each year. *Second semester, two hours. Prerequisite: PSt 201.*

PSt 506—Performing Literature. Study through performance of selected texts. Possible topics may include Shakespeare, Christian literature, acting for the camera, or the one-person show. Topic to be announced each year. *Second semester, two hours. Prerequisite: PSt 201.*

SCHOOL OF EDUCATION

Child Care

ECC 141—The Maturing Child. Focuses on the normal growth and development of a child from conception through toddler years. Students will learn characteristics and how to meet the needs of children at each age level. *First semester, two hours.*

ECC 142—The Maturing Child. This course emphasizes the development of a child from early through middle childhood years. Students gain understanding of a child's developmental stages, including how to challenge his interests and meet his needs. *Second semester, two hours.*

ECC 220—Teaching Techniques. Topics discussed will include instructional equipment selection and use, effective teaching techniques and a Christian philosophy of education. Hands-on projects will include a bulletin board and a PowerPoint presentation. *Second semester, two hours.*

ECC 241—Infant & Toddler Care. The focus of this course is meeting the developmental needs of infants and toddlers in a child care setting. Special emphasis is placed on learning caregiving techniques and providing a developmentally appropriate physical environment and curriculum. The course includes practical experience in working with infants and toddlers in the University Child Development Center. *First semester, two hours.*

ECC 246—Child Health & Safety. Methods of establishing a safe and healthy environment for children in P-3. The student will work toward his first aid and CPR certification *Second semester, three hours. Excludes: ECC 246 and EC 246.*

ECC 320—Creativity & Classroom Management.

This course is designed to help the student acquire a strong, working knowledge of creative activities in a preschool classroom setting, which includes various finger plays, art activities and rhythmic movements. It will also include a variety of classroom management techniques to help the teacher manage an optimum preschool learning environment. *First semester, two hours.*

ECC 341—Supervised Field Experience I.

Students will spend concentrated time in seven levels of child care to gain practical experience in working with babies, toddlers and preschoolers. *Both semesters, three hours. Excludes: ECC 341 and EC 246.*

ECC 342—Supervised Field Experience II.

Students will spend extended time in two levels of child care gaining practical experience in the setting they feel will benefit them most as they seek God's direction for their life. *Both semesters, three hours. Prerequisite: ECC 341.*

Professional Education**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-directed teaching practicum experiences. Both semesters, three hours.*

Ed 300—Foundations in Instructional Technology.

An introductory course in educational technology for teachers. Students will be introduced to current media and computer technology for computer assisted instruction (CAI) and computer managed instruction (CMI). Instruction will be given in sources of and techniques for selection of computer hardware and educational software. Students will focus on software related to the grade levels and subject matter they are preparing to teach. This course requires computer literacy. *Both semesters and summer, two hours.*

Ed 301—Technology in the Classroom.

An examination of the use of technology in the teaching and learning process. Particular emphasis will be given to educational software evaluation, multimedia design and development, and the use of internet resources in the classroom. *Both semesters and summer, two hours. Prerequisite: Ed 300.*

Ed 562—Assessment (Pre-K–6).

A practical emphasis on constructing classroom tests, grading, and administering and interpreting standardized tests. Appropriate probability and statistical techniques are incorporated. Offered first two weeks as part of block program for education majors. For Early Childhood and Elementary Education majors and for students in Pre-K–12 programs who prefer to work with students in lower grades. *Both semesters, two hours.*

Ed 563—Assessment (5–12).

A practical emphasis on constructing classroom tests, grading, and administering and interpreting standardized tests. Appropriate probability and statistical techniques are incorporated. Offered first two weeks

as part of block program for education majors. For Middle School and Secondary Education majors and students in K-12 programs who prefer to work with students in upper level grades. *Both semesters, two hours.*

DIVISION OF TEACHER EDUCATION**Secondary Education****SE 303—Teaching School Art.**

The teaching of art in the elementary, middle and senior high school. Students will plan a unit of lessons around a work of art including objectives, assessments, multidisciplinary connections and instruction that accommodate diverse students and learning styles. Units will focus on art-making as the primary instructional goal. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of two-thirds of required courses for certification. Second semester, three hours.*

SE 315—Teaching English (9–12).

Materials, methods, procedures and related topics in the teaching of English in the high school. Emphasizes educational planning and the use of various instructional strategies in the teaching of English language arts. Also includes reviews of educational literature, as well as analysis of textbooks, supplemental materials, and educational software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: completion of all but one of 100- and 200- level courses in teaching field and completion of two-thirds of required courses for certification. Second semester, three hours. Prerequisite: Ps 305 and SE 380. Identical to MSE 315.*

SE 316—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. *Prerequisite: completion of two-thirds of required courses for certification. Second semester, three hours.*

SE 317—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. *Prerequisite: completion of two-thirds of required courses for certification. Identical to MSE 317. Second semester, three hours.*

SE 319—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. The course precedes student teaching so some practical teaching experience is provided. This course should prepare the student to make good deci-

sions 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 certification. Identical to MSE 319. Second semester, three hours.*

SE 321—Teaching Natural Science (9–12).

Materials, methods, procedures and related topics in the teaching of science in the middle and high school. Students will observe five science classes in a local 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. *Prerequisite: completion of two-thirds of required courses for certification. Identical to MSE 321. Second semester, three hours.*

SE 331—Practicum: Grades 9–12.

The purpose of this course is to provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. A minimum of 100 hours of supervised school activities must have been completed before student teaching. Acceptable activities include any activities which are normally part of a school program. Approximately 50 of the 100 hours will occur during this course. In addition, all students must have a minimum of 25 hours of church-related activities. These activities may be completed anytime from the freshman year through the completion of this course. They may be done during the school year, semester breaks, or summer vacation. Logs for recording all of these activities are available in the Education Office. These logs will become part of a student's portfolio. All middle school candidates will be required to divide their time between their academic content areas for all field experiences. All middle school candidates will be required to spend equal amounts of time in both of their academic content areas for all field experiences. 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). *Student must have been granted Candidacy status before being allowed to register for this course. . Both semesters, three hours. Prerequisite: Teacher Candidacy—Passed. Corequisite: SE 401. Excludes: EE 331 and MSE 331.*

SE 342—Teaching Reading in the Content Areas.

Materials and methods in adolescent reading improvements. Reading in subject areas *Second semester, three hours. Prerequisite: En 202, En 203, En 204, En 205 or En 206.*

SE 380—Teaching Writing.

Practical techniques and curriculum philosophy for teaching writing. *First semester, three hours.*

SE 401—Teaching Techniques (9–12).

This course will provide an overview of teaching techniques common to teachers of students in grades nine through twelve. It will provide a general review of the South Carolina ADEPT standards dealing with long range planning, assessment, the use of appropriate instructional strategies, providing content for learn-

ers, monitoring and enhancing learning, maintaining an environment that is conducive to learning, classroom management and the fulfillment of professional responsibilities outside the classroom. This class is for students majoring in secondary education and for those students in Pre-K–12 programs who prefer to work with students in grades 9–12. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: Junior Standing. Open to Education majors only. Identical to MSE 401. Both semesters, one hour. Corequisite: SE 331.*

SE 499—Directed Teaching.

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. Student teachers will meet in a weekly seminar with university supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the directed teaching assignment. *Students are required to apply for Directed Teaching and be fully admitted to the professional teacher preparation program one academic year prior to the semester they plan to student teach. Identical to EE 499, Exc 499, MSE 499 and EC 499. Both semesters, nine hours.*

SE 502—Teaching Adolescent Literature.

Interpretative and critical study of literature especially suitable for adolescents. *First semester, three hours.*

SE 515—Teaching Multicultural Literature.

Principles, approaches and methods to the teaching of modern ethnic literature, problematic areas, regarding literature and today's culture will be addressed. A multidisciplinary teaching approach will be used. Projects are assigned which demonstrate the student's ability to apply this literature to a precollege teaching situation. *Second semester, three hours.*

SE 550—Classroom Management.

Designed to assist middle level and secondary level teacher candidates to develop skills to help them effectively handle student behavior. The ultimate goal is to prepare teachers to be effective managers of their classrooms so student learning is maximized. *NOTE: This course is available only on the block to students who are student teaching. Both semesters, two hours.*

Department of Early Childhood Education

Early Childhood

EC 205—Early Childhood Education.

Broad overview of materials and methods for teaching young children across developmental domains, with an emphasis on the South Carolina Early Learning Standards. Candidates will write and teach a developmentally appropriate lesson in a Pre-K–3 classroom. *Identical to CMn 205. Both semesters, three hours. Excludes: ECC 243.*

EC 221—Child Growth & Development.

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. Field observations and interactions with young children are integral components of the course. *Second semester, three hours.*

EC 244—Early Childhood Curriculum.

An overview of curriculum, activities and the environments for early childhood Pre-K–3 programs. Candidates will design developmentally appropriate indoor and outdoor classrooms which utilize learning centers. Special attention will be given to the South Carolina Early Learning Standards. *Second semester, three hours. Excludes: ECC 244.*

EC 302—Teaching Reading.

This course presents practical methods for the teaching of reading and introduces comprehension and word recognition skills included in a developmental reading program for grades Pre-K–3. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual classroom observations and demonstration teaching. Teacher candidates are required to create lessons based on the South Carolina English Language Arts Academic Standards. *First semester, three hours.*

EC 305—Teaching Science.

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 South Carolina Academic Standards. *First semester, three hours.*

EC 307—Teaching Social Studies.

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 South Carolina Academic Standards. *Second semester, three hours.*

EC 309—Teaching Language Arts.

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 South Carolina Academic Standards, and use a variety of instructional resources and materials, including the tools of technology. *First semester, three hours.*

EC 311—Teaching Math.

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 South Carolina Academic Standards, and use a variety of instructional resources and materials, including tools of technology. *Second semester, three hours. Prerequisite: Ma 109 and Ma 110.*

EC 331—Practicum Pre-K–3.

The purpose of this course is to provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. A minimum of 100 hours of supervised school activities must have been completed before student teaching. Acceptable activities include any activities which are normally part of a school program. Approximately 50 of the 100 hours will occur during this course. In addition, all students must have a minimum of 25 hours of church-related teaching activities. These activities may be completed anytime from the freshman year through the completion of this course. They may be done during the school year, semester breaks, or summer vacation. Logs for recording all of these activities are available in the Education Office. These logs will become part of a student's portfolio. 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). Student must have been granted Candidacy status before being allowed to register for this course. *Both semesters, three hours. Prerequisite: Teacher Candidacy—Passed. Corequisite: EE 401.*

EC 345—Home, School and 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. *Second semester, two hours.*

EC 499—Directed Teaching.

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. Student teachers will meet in a weekly seminar with university supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the directed teaching assignment. 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). *Students are required to apply for Directed Teaching and be fully admitted to the professional teacher preparation program one academic year prior to the semester they plan to student teach. Identical to EE 499, Exc 499, SE 499 and MSE 499. Both semesters, nine hours. Prerequisite: EC 302, EC 305, EC 307, EC 309, Ed 300 and EE 408.*

Department of Elementary Education

EE 202—Teaching Art.

The teaching of art for children in Pre-K–6 according to a discipline-based framework. Students will be introduced to aesthetic perception, cultural heritage and aesthetic valuing in art as well as creative artwork. Students will formulate an original unit of study at a grade level appropriate to their program. Candidates are required to create lessons based on the South Carolina Academic Standards. *Both semesters, three hours.*

EE 300—Teaching Mathematics.

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. *First semester, three hours. Prerequisite: Ed 301, Ma 109 and Ma 110.*

EE 301—Teaching Social Studies.

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. *Both semesters, three hours.*

EE 302—Teaching Reading.

This course presents practical methods for the teaching of reading and introduces comprehension and word recognition skills included in a developmental reading program for grades 2–6. Assessment techniques appropriate for the subject matter and grade level will be presented. Each student participates in actual classroom observations and demonstration teaching. Teacher candidates are required to create lessons based on the South Carolina English Language Arts Academic Standards. *Both semesters, three hours. Prerequisite: Ed 301 and EE 303. Excludes: EE 605.*

EE 303—Teaching Language Arts.

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. *Both semesters, three hours.*

EE 304—Teaching Science.

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 hours. Prerequisite: Ed 301, Sc 103 and Sc 105.*

EE 331—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. *Student must have been granted Candidacy status before being allowed to register for this course. Both semesters, three hours. Prerequisite: Teacher Candidacy—Passed, Ed 301 and EE 301 or EE 303. Corequisite: EE 401. Excludes: SE 331.*

EE 401—Teaching Techniques (Pre-K–6).

This course will provide an overview of teaching techniques common to teachers of students in grades Pre-K–6. It will provide a general review of the South Carolina ADEPT standards dealing with long range planning, assessment, the use of appropriate instructional strategies, providing content for learners, monitoring and enhancing learning, maintaining an environment that is conducive to learning, classroom management and the fulfillment of professional responsibilities outside the classroom. This class is for candidates majoring in early childhood and elementary education, and candidates in Pre-K–12 programs who prefer to work with students in Pre-K–6. *Both semesters, one hour. Prerequisite: Teacher Candidacy—Required, Ed 301 and EE 301 or EE 303. Corequisite: EC 331 or EE 331.*

EE 405—Teaching Health & Physical Education.

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, safety and physical education for Pre-K–8. *Identical to HPE 405. Both semesters, three hours.*

EE 408—Prescriptive Reading Practicum.

This course will help students assess reading difficulties and prescribe appropriate corrective techniques. Students will become familiar with current remedial reading programs and will develop activities for use when interacting with individuals having varying reading difficulties. Opportunities to work with individuals will be provided. *Identical to Exc 408. Both semesters, three hours. Prerequisite: EC 302 or EE 302.*

EE 499—Directed Teaching.

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. Student teachers will meet in a weekly seminar with University supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the directed teaching assignment. 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). *Students are required to apply for Directed Teaching and be fully admitted to the professional teacher preparation program one academic year prior to*

the semester they plan to student teach. Identical to Exc 499, SE 499, MSE 499 and EC 499. Both semesters, nine hours. Prerequisite: Ed 300, EE 301, EE 302, EE 303, EE 304 and EE 408.

EE 510—Children’s Literature.

Interpretative and critical study of literature suitable for children. Addresses subject matter, literary style and methods of illustration. *Not applicable toward an English major or minor.* Both semesters, three hours. Prerequisite: Ed 300 and EC 302 or EE 302.

EE 550—Classroom Management.

This course is an introduction to K–12 classroom management techniques. Topics include: physical space, behavioral norms, safety, time management, managing student work and managing other special classroom needs. NOTE: This course is available only on the block to students who are student teaching. Both semesters, two hours.

Department of Middle School Education**234****MSE 315—Teaching English (5–8).**

Materials, methods, procedures and related topics in the teaching of English in the middle school. Emphasizes educational planning and the use of various instructional strategies in the teaching of English language arts. Also includes reviews of educational literature, as well as analysis of textbooks, supplemental materials, and educational software and nonprint media. Candidates are required to create lessons based on the South Carolina Academic Standards. Prerequisite: completion of all but one of 100- and 200- level courses in teaching field and completion of two-thirds of required courses for certification. Second semester, three hours. Prerequisite: Ps 305 and SE 380. Identical to SE 315.

MSE 317—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 certification. Identical to SE 317. Second semester, three hours.

MSE 319—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. The course precedes student teaching so some practical teaching experience is provided. This course should prepare 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 certification. Identical to SE 319. Second semester, three hours.

MSE 321—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 observe five science classes in a local 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. Prerequisite: completion of two-thirds of required courses for certification. Identical to SE 321. Second semester, three hours.

MSE 331—Practicum: Grades 5–8.

The purpose of this course is to provide structured opportunities to work with students of appropriate age for the program of study in which the student is preparing to teach. A minimum of 100 hours of supervised school activities must have been completed before student teaching. Acceptable activities include any activities which are normally part of a school program. Approximately 50 of the 100 hours will occur during this course. In addition, all students must have a minimum of 25 hours of church-related activities. These activities may be completed anytime from the freshman year through the completion of this course. They may be done during the school year, semester breaks, or summer vacation. Logs for recording all of these activities are available in the Education Office. These logs will become part of a student’s portfolio. All middle school candidates will be required to divide their time between their academic content areas for all field experiences. All middle school candidates will be required to spend equal amounts of time in both of their academic content areas for all field experiences. 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). Student must have been granted Candidacy status before being allowed to register for this course. Both semesters, three hours. Prerequisite: Teacher Candidacy—Passed. Corequisite: MSE 401. Excludes: SE 331.

MSE 333—Middle School Curriculum & Organization.

This course will provide an overview of philosophy, integrated curriculum, guidance counseling, interdisciplinary teams, departmental and interdisciplinary organizations, scheduling, group dynamics, advising, collaboration, classroom management and cooperative learning techniques. First semester, three hours.

MSE 342—Teaching Reading in the Content Areas.

Materials and methods in adolescent reading improvements. Reading in subject areas. Second semester, three hours.

MSE 380—Teaching Writing.

Practical techniques and curriculum philosophy for teaching writing. First semester, three hours. Prerequisite: En 103.

MSE 401—Teaching Techniques (5–8).

This course will provide an overview of teaching techniques common to teachers of students in grades five

through eight. It will provide a general review of the South Carolina ADEPT standards dealing with long range planning, assessment, the use of appropriate instructional strategies, providing content for learners, monitoring and enhancing learning, maintaining an environment that is conducive to learning, classroom management and the fulfillment of professional responsibilities outside the classroom. This class is for students majoring in secondary education and for those students in K-12 programs who prefer to work with students in grades 5-8. Candidates are required to create lessons based on the South Carolina Academic Standards. *Prerequisite: Junior Standing. Open to Education majors only. Identical to SE 401. Both semesters, one hour. Corequisite: MSE 331.*

MSE 499—Directed Teaching.

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. Student teachers will meet in a weekly seminar with university supervisors during the semester they are student teaching. These meetings are designed to monitor and coordinate the student teacher's progress throughout the directed teaching assignment. All middle school candidates will be required to divide their time between their academic content areas for all field experiences. 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). *Students are required to apply for Directed Teaching and be fully admitted to the professional teacher preparation program one academic year prior to the semester they plan to student teach. Identical to EE 499, Exc 499, SE 499 and EC 499. Both semesters, nine hours.*

MSE 502—Teaching Adolescent Literature.

Interpretative and critical study of literature especially suitable for adolescents. *First semester, three hours.*

MSE 550—Classroom Management.

Designed to assist middle level and secondary level teacher candidates to develop skills to help them effectively handle student behavior. The ultimate goal is to prepare teachers to be effective managers of their classrooms so student learning is maximized. **NOTE:** This course is available only on the block to students who are student teaching. *Both semesters, two hours.*

Department of Music Education

ME 101—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 hours.*

ME 201—Introduction to Technology in Music Education.

A survey of music technology including personal productivity software, desktop music publishing, multitrack sequencing with MIDI and digital audio production, computer-assisted instruction, multimedia and the Internet. Applications include Microsoft Office, Sonar and Finale. *Both semesters, two hours. Excludes: MTc 201.*

ME 202—Notation in Music Technology I.

Fundamentals of music typesetting including an overview of standard notation programs for the computer, with emphasis on Finale. *Identical to MTc 202. Both semesters, two hours. Prerequisite: ME 201.*

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 hour. 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 hour. 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 hour. 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 hour. 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 hour. 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 hour. Corequisite: ME 392.*

ME 217—Snare & Bass Drum 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 hour. Corequisite: ME 392.*

ME 218—Timpani & Mallet 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, even-numbered years, one hour. Corequisite: ME 391 or 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. *Second semester, one hour.*

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 hours.*

ME 307—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, two hours.*

ME 308—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, two hours.*

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 hour. 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 hour. 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 hour. 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 hour. 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 hours. Corequisite: one hour from ME 211, ME 212 or ME 218.*

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 hours. Corequisite: one hour from ME 213, ME 214, ME 215, ME 216, ME 217, ME 218, ME 312, ME 313, ME 314 or ME 315.*

ME 401—Band Director Methods.

Techniques needed by the band director to establish and maintain the school band program: recruiting, program organization, band budgeting and finance, instrument purchasing and repair, rehearsal procedure, concert programming, and planning physical facilities. The bands of Bob Jones Academy, Bob Jones Junior High and Bob Jones Elementary School will serve as laboratory groups. *First semester, two hours.*

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 hours.*

ME 501—Sequencing in Music.

Digital multi-track sequencing using Sonar. Includes recording and editing MIDI tracks and digital audio production. *Identical to MTc 501. Second semester, odd-numbered years, two hours. Prerequisite: ME 201.*

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 hours.*

ME 522—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 exception-

ality. Particular emphasis is given to research literature on exceptional learners. Musical activities are suggested and explored, and a practicum is required for each student. *Identical to Exc 522. Summer only, two hours.*

Department of Special Education

Exc 205—Introduction to Exceptional Learners.

History, legal foundations and current trends in special education, with surveys of the following exceptionalities: attention deficit disorders, autism spectrum disorders, emotional disabilities, giftedness, health/physical impairments, hearing impairments, learning disabilities, mental disabilities, severe disabilities, speech/language disorders, visual impairments. Additional topics include assessment, parents and instructional planning. *Both semesters and summer, Distance Learning, three hours. Excludes: Ps 305.*

Exc 206—Introduction to Communicative Disorders.

A study of the nature, etiology and remediation of communicative disorders in children and adults, including an overview of the field of speech-language pathology. *Identical to CD 206. Second semester, three hours.*

Exc 311—Characteristics: Emotional Disabilities.

An introductory study of the characteristics, etiology, prevalence and educational needs of learners with emotional disabilities. Special emphasis is given to definition and identification procedures. An additional focus on recent research and critical issues and trends in the field of ED will be provided. *Second semester, three hours. Prerequisite: Exc 205.*

Exc 312—Characteristics: Learning Disabilities.

An introductory study of the characteristics, etiology, prevalence and educational needs of learning disabled students. Particular emphasis is given to various definitions, delineation of specific learning disabilities and appropriate procedures for the identification and classification of LD students. *Second semester, three hours. Prerequisite: Exc 205.*

Exc 313—Characteristics: Mental Disabilities.

An introductory study of the characteristics, etiology, prevalence and educational needs of mentally disabled individuals. Special emphasis is given to identification and classification of mentally disabled students, recent and historical developments of the field, and issues and trends. *First semester, three hours. Prerequisite: Exc 205.*

Exc 322—Materials & Methods: Mild Disabilities.

Development of skills in the diagnosis and remediation of academic, behavioral and social skills in mildly disabled learners. Special emphasis is given to understanding the essential elements of teaching, basic scope and sequence of academic skills, instructional accommodations, and evidence-based strategies in special education at the elementary and secondary levels. *First semester, three hours.*

Exc 323—Educational Procedures: Mild Disabilities.

Development and implementation of the individualized education program (IEP) and various special education service delivery models. Additional topics include evaluation of student progress, transition procedures, career education, study skills, adapting general education curricula, teacher consultation, par-

ent conferencing and classroom organization. *Second semester, three hours.*

Exc 332—Practicum I: Special Education.

Supervised, structured experiences in a school setting with emotionally disabled, learning disabled or mentally disabled learners. School placements vary based on program setting (i.e. inclusion, resource, self-contained) and grade level (i.e. Pre-K–5, 6–8 or 9–12). Teacher candidates complete beginning level activities that support state standards for preparation of special educators, including observations, instructional planning and use of evidence-based practices, formal/informal assessment, collaboration with teachers/parents, behavior management and individualized instructional programs (IEPs). A minimum of 50 clock hours of acceptable activities is required. In addition, candidates must have a minimum of 25 hours of church-related activities, to be fulfilled anytime from the freshman year through completion of the final multi-categorical practicum, and may be done during the school year, semester breaks or summer vacation. Logs for recording all activities are available in the Education Office. These logs will become part of the candidate's portfolio. *Both semesters, two hours.*

Exc 333—Practicum II: Special Education.

Supervised, structured experiences in a school setting with emotionally disabled, learning disabled or mentally disabled learners. School placements vary based on program setting (i.e. inclusion, resource, self-contained) and grade level (i.e. Pre-K–5, 6–8 or 9–12). Teacher candidates complete intermediate level activities that support state standards for preparation of special educators, including observations, instructional planning and use of evidence-based practices, formal/informal assessment, collaboration with teachers/parents, behavior management and individualized instructional programs (IEPs). A minimum of 50 clock hours of acceptable activities is required. In addition, candidates must have a minimum of 25 hours of church-related activities, to be fulfilled anytime from the freshman year through completion of the final multi-categorical practicum, and may be done semester breaks or summer vacation. Logs for recording all activities are available in the Education Office. These logs will become part of the candidate's portfolio. *Student must have been granted Candidacy status before being allowed to register for this course. Both semesters, two hours. Prerequisite: Exc 332.*

Exc 334—Practicum III: Special Education.

Supervised, structured experiences in a school setting with emotionally disabled, learning disabled or mentally disabled learners. School placements vary based on program setting (i.e. inclusion, resource, self-contained) and grade level (i.e. Pre-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 and use of evidence-based practices, formal/informal assessment, collaboration with teachers/parents, behavior management and individualized instructional programs (IEPs). A minimum of 50 clock hours of acceptable activities is required. In addition, candidates must have a minimum of 25 hours of church-related activities, to be fulfilled anytime from the freshman year through comple-

tion of the final multi-categorical practicum, and may be done during the school year, semester breaks or summer vacation. Logs for recording all activities are available in the Education Office. These logs will become part of the candidate's portfolio. *Student must have been granted Candidacy status before being allowed to register for this course. Both semesters, two hours. Prerequisite: Exc 333.*

Exc 359—Assessment in Special Education.

Formal and informal assessment of students with disabilities. Teacher candidates learn basic psychometric principles of administering, scoring and interpreting both norm- and criterion-referenced tests used in special education identification and program planning, with an emphasis on diagnostic assessment. *First semester, three hours.*

Exc 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. *Identical to CD 401. First semester, three hours. Prerequisite: Exc 206.*

Exc 408—Prescriptive Reading Practicum.

The student will be able to diagnose causes of reading difficulties and prescribe appropriate methods and procedures for addressing them in Pre-K–8 settings. Students will have opportunities to work with individuals in small groups in practical applications at grade levels appropriate for their major. *Identical to EE 408. Both semesters, three hours.*

Exc 410—Family, Community & School Collaboration.

Introduces ways to effectively collaborate and consult with families, other educators and school personnel, related service providers, and personnel from community agencies in culturally responsive ways in order to meet the exceptional learning needs of their students. *Both semesters, three hours.*

Exc 451—Teaching Math: Mild Disabilities.

Evidence-based strategies and materials in identifying and remediating math skill deficits in students with mild-moderate disabilities. Class discussions and activities center on causes of math disorders, formal/informal assessment and interventions at the elementary and secondary levels, including the cognitive-developmental approach, direct instruction, metacognitive/strategy training, and computer-assisted instruction, and various commercially produced remedial programs. *First semester, three hours.*

Exc 453—Behavior Management.

Concepts and strategies of behavior management in special education settings for mildly-moderately disabled students. Both behavioral and affective approaches are presented with discussions and readings focusing on basic behavioral principles, preventative techniques, behavior enhancement and reduction techniques, and use of rewards and punishment. Candidates are introduced to the SC Safe Schools Climate Act. Additional topics include functional

assessment, preparation and implementation of behavior intervention plans, and management of the classroom environment. *Second semester, three hours.*

Exc 499—Directed Teaching: Special Education.

Observations, participation, conferencing and actual teaching are done in a Pre-K–12 resource or self-contained special education setting with mildly-moderately disabled students for at least 60 full days. Teacher candidates will demonstrate skills in understanding and using IEP's, behavior management, formal/informal assessment, evidence-based practices and effective teacher behaviors. During the semester, teacher candidates meet with university supervisors in a weekly seminar, designed to monitor and coordinate the candidate's progress through the directed teaching experience. Candidates are required to apply for Directed Teaching and be fully admitted to the education program one academic year prior to the semester they plan to enroll in Directed Teaching. 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). *Students are required to apply for Directed Teaching and be fully admitted to the professional teacher preparation program one academic year prior to the semester they plan to student teach. Identical to EE 499, SE 499, MSE 499 and EC 499. Both semesters, nine hours.*

DIVISION OF PHYSICAL EDUCATION AND EXERCISE SCIENCE**Health and Physical Education****HPE 104—First Aid & Safety.**

The essentials of first aid and safety as outlined by the Red Cross. *Health, Fitness & Recreation majors take HPE 311 which provides advanced first aid instruction. Both semesters, two hours. Excludes: HPE 311.*

HPE 106—Personal & Community Health.

Elementary human physiology and the detection and control of communicable diseases. Principles and problems of personal, school and community health as they apply to everyday living. *Both semesters, two hours.*

HPE 115—Lifeguard Training.

This course will prepare students to properly assume lifeguarding responsibilities at a swimming pool, water park or a protected (non-surf) open-water beach. Upon successful completion of this course, an American Red Cross lifeguarding certificate will be issued. *Both semesters, two hours.*

HPE 205—History, Principles & Philosophy of PE.

Historical background and nature of physical education, role of play, evolution of athletics, principles for curriculum development, principles of instruction and evaluation, and interpretation of physical education to the community. *First semester, two hours.*

HPE 206—Organization & Administration of PE & Sport.

Problems related to conducting the program, including selection of personnel, legal liability, public relations, purchase and care of equipment, budget and finance, and other aspects of the organization and

administration of the physical education and sport programs. *Second semester, two hours.*

HPE 207—Recreational Leadership.

History, philosophy and objectives of recreation. Characteristics and values of recreation. Principles of recreation applied to the ministry of the church. *Identical to CMn 207. Both semesters, two hours.*

HPE 208—Teaching Racquet Sports.

Techniques for teaching badminton and tennis. *Second semester, one hour.*

HPE 210—Teaching Golf & Racquetball.

Techniques for teaching golf and racquetball. *Second semester, one hour.*

HPE 211—Teaching Conditioning.

Techniques for teaching conditioning and weight training. *First semester, one hour.*

HPE 214—Teaching Swimming.

Techniques for teaching swimming. *Second semester, two hours.*

HPE 215—Lifeguard Instructor.

This course will train instructor candidates to teach lifeguard training, basic lifeguard training, emergency water safety, basic water safety and safety training for swimming coaches. Upon successful completion of this course, an American Red Cross lifeguard instructor certificate will be issued. *Second semester, one hour. Prerequisite: HPE 115 or current lifeguard certificate.*

HPE 216—First Aid Instructor.

This course will prepare instructor candidates to teach First Aid, Adult CPR, Child CPR, Infant CPR and Automated External Defibrillator (AED). Upon successful completion of the course, an American Red Cross First Aid Instructor certificate will be issued. *Second semester, one hour. Prerequisite: HPE 104 or HPE 311.*

HPE 217—Water Safety Instructor.

This course will train instructor candidates to teach swimming at all age levels. Upon successful completion of this course, an American Red Cross water safety instructor certificate will be issued. *Second semester, two hours.*

HPE 301—Coaching Basketball.

Training rules, fundamentals, team play, scouting, diet and training table, and schedule making. *Second semester, two hours.*

HPE 302—Coaching Baseball.

Baseball theory and practice: positions, official scorers, the coach, fundamental skills and strategy. *Second semester, two hours.*

HPE 303—Coaching Football.

Scouting, popular offensive and defensive formations, practice organization, fundamentals of line and back-field play, rule blocking, passing, kicking and other phases of the game. *First semester, two hours.*

HPE 309—Methods & Testing in Physical Education.

Methods, materials, content and class organization procedures for teaching physical education. Use of tests and measurements with a review of outstanding tests. *Three hours.*

HPE 311—First Responder.

The purpose of this course is to provide the first

responder with the knowledge and skills necessary in an emergency to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical help can arrive. *Both semesters, three hours.*

HPE 312—Treatment & Care of Athletic Injuries.

Techniques for prevention, recognition, referral and follow-up care of injuries in athletics. *Both semesters, one hour.*

HPE 313—Coaching Soccer.

Fundamental skills, drills, conditioning, systems of play, strategy and other phases of the game. *First semester, two hours.*

HPE 316—Coaching Practicum.

Coaching experience on the junior high or high school level. Instruction in the ASEP coaching course. *First semester, one hour.*

HPE 317—Coaching Practicum.

Coaching experience on the junior high or high school level. *Second semester, one hour.*

HPE 318—Outdoor Education.

Deals with the rationale underlying outdoor education and the relationship of learning in the out-of-doors to the school curriculum. Effective techniques and procedures for outdoor teaching, organizing, implementing and evaluating resident outdoor school programs, and implications for teacher education to be covered. *Second semester, two hours.*

HPE 319—Coaching Volleyball.

Theory and practice: skills, games and strategies. *First semester, two hours.*

HPE 320—Coaching Softball.

Theory and practice: skills, games and strategies. *Second semester, two hours.*

HPE 321—Teaching Minor Sports.

Techniques for teaching minor sports such as wrestling, team handball, flag football, and track and field events. *Second semester, one hour.*

HPE 400—Officiating.

Theory and practice in officiating major and minor sports. Official rules studied and interpreted. Primary emphasis is upon soccer and volleyball. *First semester, one hour.*

HPE 401—Officiating.

Theory and practice in officiating major and minor sports. Official rules studied and interpreted. Primary emphasis is upon basketball and softball. *Second semester, one hour.*

HPE 403—Therapeutic Recreation.

Clinical application of therapeutic recreation, including medical terminology, characteristics and implications of leisure needs of the disabled. *Second semester, two hours.*

HPE 405—Teaching Health & Physical Education.

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. *Identical to EE 405. Both semesters, three hours.*

HPE 406—Fitness Center Internship.

Students will assist with individual exercise prescriptions. A minimum of 40 clock hours of acceptable activities is required to receive credit. *First semester and summer, one hour. Prerequisite: HPE 422.*

HPE 407—Fitness Center Internship.

Students will assist with individual exercise prescriptions. A minimum of 40 clock hours of acceptable activities is required to receive credit. *Second semester and summer, one hour. Prerequisite: HPE 422.*

HPE 410—Camp Administration.

History of camping and the types of camps. Philosophy, objectives, organization and administration of the camp. Objectives and discipline of the camper. *Identical to CMn 340. First semester, two hours.*

HPE 411—Camp Program.

Philosophy, characteristics and needs of various age groups. Setting up camp programs to meet the needs and goals of campers, parents and camp requirements. *Identical to CMn 345. Second semester, two hours.*

HPE 412—Internship in Recreation.

The student can work as a counselor in a boarding camp for 4 weeks, a day camp for 8 weeks or with a city/county recreation department for 8 weeks under supervision with the respective agency. *Summer only, two hours.*

HPE 421—Kinesiology.

Mechanical and anatomical fundamentals of human motion. Muscular analysis of body movements in physical education. *First semester, three hours.*

HPE 422—Physiology of Exercise.

Application of physiological principles to muscular action of the human organism. *Second semester, three hours.*

HPE 423—Motor Learning.

Principles of learning as applied to instruction and development of physical activity. *First semester, two hours.*

DIVISION OF PSYCHOLOGY**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 and summer, Distance Learning, three hours. Excludes: SAS 380.*

Ps 201—Educational Psychology.

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. *Both semesters and summer, Distance Learning, three hours. Excludes: SAS 380.*

Ps 202—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 hours.*

Ps 203—Human Growth & Development.

Study of developmental patterns from prenatal period through senescence. *First semester, three hours.*

Ps 300—Child Psychology.

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 and summer, Distance Learning, three hours. Excludes: SAS 380.*

Ps 302—Adolescent Psychology.

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 and summer, Distance Learning, three hours.*

Ps 305—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 and summer, three hours.*

Ps 321—Advanced Child Development.

Examination of current child development issues, trends, literature, research and related topics spanning all stages of the family lifespan with primary focus on child development from conception through adolescence. Application to the home, all aspects of development and to societal impacts. Observation and case study opportunities provided. *Identical to FCS 321. Both semesters, three hours. Prerequisite: FCS 221 or Ps 300.*

Ps 341—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 and summer, Distance Learning, three hours.*

Ps 342—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 and summer, Distance Learning, three hours. Prerequisite: Ps 341.*

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 hours. Prerequisite: Ps 501.*

Ps 403—Social Psychology.

Influence of social forces and interaction on personal development and the patterning of social behavior. The effects of mass communication, social class and group membership upon the individual's attitude. *Second semester, three hours. Prerequisite: Ps 200.*

Ps 411—Counseling Practicum.

Students will work with clients in a supervised setting in a counseling/testing role. Case studies will be developed and maintained as well as critiqued. *Both semesters, three hours. Prerequisite: Ps 341.*

Ps 431—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 hours. Prerequisite: Ps 341.*

Ps 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. *Both semesters, three hours. Prerequisite: Ps 341.*

Ps 501—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 and summer, three hours.*

Ps 511—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. *Open to women only. Both semesters, three hours. Prerequisite: Ps 341.*

Ps 521—Introduction to Biblical Counseling.

Lays the foundation for a biblical philosophy of counseling with special emphasis on the sufficiency of the Scriptures. *Distance Learning only, one hour.*

Ps 522—Counseling Issues.

Building on Introduction to Biblical Counseling, this course explores helping others with anxiety, sleep disorders and depression issues. It covers working with counselees already on medication. Lecture materials supplemented with role-play case studies. *Distance Learning only, one hour. Prerequisite: Ps 521.*

Ps 523—Crisis Counseling.

Presents biblical strategies for handling the crisis of suicide; covers extensively the crisis of childhood sexual abuse; offers help in understanding the nature of abuse and biblical help for overcoming the effects of abuse. Examines the Recovery/12-step movement from a biblical standpoint. *Distance Learning only, one hour.*

Ps 524—Crisis Counseling.

Looks at the crisis of life-dominating sins (addictions); presents a biblical view of sin; offers help for working with eating disorders, drugs and alcohol. Also covers the crisis of immorality; teaches a biblical

view of sex; gives help for dealing with pornography, homosexuality, adultery, etc. *Identical to CMn 534. Distance Learning only, one hour.*

Ps 525—Premarital Counseling.

An overview of the precounseling process featuring God's goals for marriage, essential habits of Christian character as they pertain to marriage, biblical roles in marriage, communication and problem solving, finances, sexual relationships, and in-laws. *Identical to CMn 535. Distance Learning only, one hour. Excludes: SCM 637 and Ps 637.*

Ps 526—Family Counseling.

Presents a strategy for helping family members come to reconciliation. Discusses an extended case study which teaches how to unpack the complex issues often involved in family problems. Instruction is also offered for the growing problem of wife abuse and provides biblical answers for helping both the wife and the abusing husband. *Identical to CMn 536. Distance Learning only, one hour. Excludes: CMn 211, SCM 637 and Ps 637.*

SCHOOL OF BUSINESS

DIVISION OF ACCOUNTING

Accounting

Ac 101—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. Based upon the student's Math ACT score, the following prerequisites are required prior to enrolling in Ac 101. The student with an ACT score of 1-17 must take and pass Ma 101 and Ma 102; the student with an ACT score of 18-19 must take and pass Ma 102. There are no prerequisites required for an ACT above 19. (Note: A student passing the Math Placement Test has no prerequisites). *Both semesters, Distance Learning, four hours. Excludes: Ac 112.*

Ac 102—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, four hours. Prerequisite: Ac 101. Excludes: Ac 113.*

Ac 112—Basic Accounting I.

Enables the student to acquire a working knowledge of the accounting cycles. Emphasis on the financial statements as the foundation for business decision-making. Introduction to spreadsheet software. *Both semesters, three hours. Excludes: Ac 101.*

Ac 113—Basic Accounting II.

Expands the student's knowledge into such areas as payroll computation, bad debts, inventory, depreciation and cost analysis. Introduction to small business accounting software. *Both semesters, three hours. Prerequisite: Ac 112. Excludes: Ac 102.*

Ac 205—Accounting Software for the Small Business.

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, two hours. Prerequisite: Ac 101 or Ac 112. Excludes: TBU 220.*

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, four hours. Prerequisite: Ac 102.*

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, four hours. Prerequisite: Ac 305.*

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. *Both semesters, three hours. Prerequisite: Ac 306.*

Ac 401—Introduction to Taxation.

Individual taxation, allowed deductions, inclusions and exclusions to income, capital gains, tax computations and credits. *First semester, three hours. Prerequisite: Ac 102.*

Ac 402—Advanced Accounting I.

Accounting for combined corporate entities and consolidations, including consolidated statements, inter-company transactions, foreign operations and other selected topics. *First semester, three hours. Prerequisite: Ac 306.*

Ac 403—Managerial Accounting.

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 hours. Prerequisite: Ac 102.*

Ac 404—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 hours. Prerequisite: Ac 402.*

Ac 410—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. *Both semesters, three hours. Prerequisite: Ac 102.*

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 hours. Excludes: BA 450, BA 453 and BA 454.*

Ac 504—Advanced Managerial Accounting.

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, even-numbered years, three hours. Prerequisite: Ac 403.*

Ac 505—Advanced Taxation.

Special problems in individual taxation, net operating losses, partnerships, fiduciaries, corporations, and estate and gift taxes. *Second semester, three hours. Prerequisite: Ac 401.*

Ac 507—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 hours. Prerequisite: Ac 306 and Ac 402.*

Ac 510—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 hours. Prerequisite: Ac 306 and Ac 402.*

DIVISION OF MANAGEMENT**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 hours.*

BA 203—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 hours.*

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 hours.*

BA 301—Legal Environment & Ethics of Business.

Background of the American legal system; the U.S. Court system and its Constitutional foundation; pub-

lic crimes and private torts; ethical systems underlying government and business behaviors; employment law; business organizational forms; government regulation of business; property law; and Internet law. Business ethics examined for all subjects treated. *Both semesters, Distance Learning, three hours.*

BA 302—Business Law.

Contract law; purchase, sale and lease of goods under the Uniform Commercial Code; warranties and product liability; negotiable instruments; and debtor-creditor relationships. *Both semesters and summer, Distance Learning, three hours. Excludes: BA 309.*

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 hours.*

BA 404—Business Statistics.

A computer-based statistics course with a business emphasis on application and decision making. Topics include sampling theory, hypothesis testing, regression and statistical process control. *Both semesters and summer, three hours.*

BA 418—Management Policies.

Application of the principles of strategic management to actual business situations. Ascertaining the nature of problems and developing solutions in both technical and human terms emphasizing biblical ethics. *Both semesters, three hours.*

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 hours. Excludes: BA 450 and 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 hours. Prerequisite: BA 452. Excludes: BA 450 and Ac 450.*

BA 530—Current Issues in Global Commerce.

A course exploring the ever-changing world of international trade. Topics include international law, trade barriers, NAFTA, the European Union, the World Trade Organization, intellectual property, e-commerce, the environment and global competition. *Identical to Int 530. First semester, three hours.*

Business and Technology

BT 205—Business Technology.

An in-depth study of today's changing administrative systems, how and when these systems should be used, and how to select computer-related hardware and software for a business. Includes research and presentations, case studies, demonstrations, hands-on activities and field trips. *Both semesters, three hours.*

BT 215—Project Management.

Explores the objectives and techniques of planning, organizing and managing complex projects. Includes a study of resources available, tools for scheduling,

productivity measurements and project management methodologies, as well as practical instruction in the characteristics of successful projects. *Both semesters, three hours.*

BT 301—Records & Database Management.

Concepts and methods of creating, organizing, accessing, maintaining and managing organizational records and databases. Includes development of knowledge and skill in designing, using and managing databases for business applications through the use of database management software. *Both semesters, three hours.*

BT 303—Integrating Business and Technology.

A continued study of today's changing administrative systems with an emphasis on data communication and information distribution. Includes research and presentations, case studies, demonstrations, hands-on activities, field trips, and realistic hardware and software selection, purchasing and implementation projects. *Second semester, three hours. Prerequisite: BT 205.*

BT 306—Desktop Publishing.

An introduction to design principles. Hands-on experience with desktop publishing and photo editing, and application of the knowledge and principles in designing professional documents. *Both semesters, three hours.*

BT 309—Spreadsheet Applications for Business.

In-depth work with spreadsheet software. Hands-on experience dealing with practical business applications. *Both semesters, three hours.*

BT 311—Web Applications for Business.

An introduction to planning and designing a website. Hands-on experience using leading Web page design software. *Second semester, three hours.*

BT 403—Managerial and 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. *Second semester, three hours.*

BT 409—Technology Training Methods.

Overview of technology training methodologies in the business environment. Includes field trips, observations, demonstrations, development of materials and supervised in-class training. *First semester, three hours.*

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, three hours. Prerequisite: Ac 102 or Ac 112.*

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. *First semester, three hours. Prerequisite: Ac 102 or Ac 112 and Ma 108 or Ma 180.*

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. *Identical to SSE 305. Both semesters, Distance Learning, three hours.*

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 hours.*

Fin 502—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, three hours. Prerequisite: BT 309 and Ac 305 or Fin 201.*

Human Resources**HR 215—Intro to Human Resources Development.**

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, Distance Learning, three hours.*

HR 301—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, three hours.*

HR 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, three hours.*

HR 430—Change Management.

Methods for facilitating organizational change. Includes study of an organization's mission, vision and structure, focusing on planning and implementing changes in organizational processes, management and effectiveness. Emphasis on team leadership, communication, training, facility layout and contracting with consultants. *First semester, three hours.*

HR 470—Contemporary Issues in Human Resources.

Survey of contemporary issues in human resources. Topics include emerging issues in employee compensation benefits, changes in the laws and regulations, and training and development. *Second semester, three hours.*

International Business**Int 210—International Business.**

An examination of the components of the international business environment which a manager must face. These components include the effects of socio-economic and financial differences, the disparity of environmental and infrastructure conditions, and the importance of variations in political and legal systems. Also addressed are cultural attitudes toward labor and competition, the function of regional trading blocs, the role of international organizations and the challenges of securing overseas employment. *Both semesters, three hours.*

Int 315—Protocol/Practices of International Business.

A comparison of the cultural differences in various countries and their influence on business methods, practices and etiquette along with an analysis of the most appropriate management philosophies. Included are studies of the cultures in the major business communities of the world. *First semester, three hours.*

Int 406—International Finance.

Explores the concepts of foreign currency markets, foreign exchange risk, determinants of exchange rate differentials, the balance of trade and balance of payment accounts and the overall effect of these and other factors on the financial management of a multinational corporation. *First semester, three hours. Prerequisite: Fin 201 and SSE 206.*

Int 412—International 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 presentations. *Second semester and summer, three hours. Prerequisite: Mkt 205.*

Int 530—Current Issues in Global Commerce.

A course exploring the ever-changing world of international trade. Topics include international law, trade barriers, NAFTA, the European Union, the World Trade Organization, intellectual property, e-commerce, the environment and global competition. *Identical to BA 530. First semester, three hours.*

Marketing**Mkt 205—Principles of Marketing.**

An introduction to the marketing concept, market analysis and the development of marketing strategies, market research, target markets, product, placement, promotion and pricing. *Both semesters, Distance Learning, three hours.*

Mkt 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. *Both semesters, Distance Learning, three hours. Prerequisite: BA 101 or Mkt 205.*

Mkt 411—Marketing Strategy.

A case-study approach to solving marketing problems. Emphasis on selecting marketing opportunities, formulation of competitive strategies, marketing

policies and programs. *First semester, three hours.*
Prerequisite: Mkt 205.

Mkt 412—Salesmanship.

Practical training in successful selling. Emphasis on the selling process, prospecting, preparation, presentation, handling objections, closing and follow-up. *First semester, three hours. Prerequisite: Mkt 205.*

Mkt 415—Sales Management.

Emphasis on leading a sales team with particular focus on recruiting, hiring, training and compensating. *Second semester, three hours. Prerequisite: Mkt 412.*

Mkt 514—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. *First semester, three hours. Prerequisite: BA 404 and Mkt 205.*

DIVISION OF BUSINESS AND TRADES

Aircraft Maintenance

TAM 101—Basic Electricity.

The student will learn how to measure capacitance and inductance; calculate and measure electrical power and be able to measure voltage, current, resistance, continuity and leakage. He will also be able to determine the relationship of voltage, current and resistance in electrical circuits; read and interpret electrical circuit diagrams; and inspect and service batteries. *Second semester, three hours.*

TAM 102—Aircraft Drawings.

The student will use drawings, symbols and schematic diagrams; be able to draw sketches of repairs and alterations; and use blueprints, graphs and charts. *First semester, one hour.*

TAM 103—Weight & Balance.

The student must be able to demonstrate his ability to weigh an aircraft, perform a complete weight and balance check, and properly record the data. *First semester, one hour.*

TAM 104—Fluid Lines & Fittings.

The student will be able to fabricate and install rigid and flexible fluid lines and fittings. *Second semester, one hour.*

TAM 105—Materials & Processes.

The student will learn to identify and select appropriate non-descriptive testing methods, perform penetrant, chemical etchings and magnetic particle inspections as well as basic heat-treating processes. He will also be able to identify and select aircraft hardware and materials, inspect and check welds, and perform precision measurements. *Second semester, two hours.*

TAM 106—Ground Operation & Servicing.

The student must demonstrate his ability to start, ground operate, move, service and secure aircraft as well as identify and select fuels. *First semester, one hour.*

TAM 107—Cleaning & Corrosion Control.

The student will identify and select cleaning materials and perform aircraft cleaning and corrosion control.

TAM107 and TAM 110 total one hour. First semester, zero hours.

TAM 108—Maintenance Forms & Records.

The student will be able to write descriptions of aircraft condition and work performed as well as complete required maintenance forms, records and inspection reports. *TAM 108 and TAM 109 total one hour. First semester, zero hours. Corequisite: TAM 109.*

TAM 109—Maintenance Publications.

The student will select and use FAA and manufacturers' aircraft maintenance specifications, data sheets, manuals, publications and related general aviation regulations. He must be able to read technical data. *TAM108 and TAM 109 total one hour. First semester, one hour. Corequisite: TAM 108.*

TAM 110—Mechanic Privileges/Limitations Plus Review.

The student will understand and exercise the limitations of his privileges as a mechanic. *TAM107 and TAM 110 total one hour. First semester, one hour.*

TAM 115—Applied Physics.

The student will use and understand the principles of simple machines; sound, fluid and heat dynamics; basic aerodynamics; aircraft structures; and theory of flight. *Second semester, three hours.*

TAM 201—Aircraft Wood Structures/Covering/Finishes.

The student will be able to identify wood defects and make inspection of wood structures. He will also learn how to service and repair wood structures as well as select and apply fabric and fiberglass covering materials. He will be able to inspect, test and repair fabric and fiberglass; identify and select aircraft finishing materials; apply paint and dope; and inspect finishes and identify defects. He will also learn how to apply trim, letters and touch-up paint. *Summer only, odd-numbered years, four hours.*

TAM 202—Sheet Metal Structures.

The student will install rivets and fasteners as well as inspect bonded structures. Plus he will repair plastics, honeycomb and laminated structures; windows, doors and interior furnishings; and sheet metal structures. He will also be able to hand form, lay out and bend sheet metal. *Summer only, odd-numbered years, three hours.*

TAM 203—Welding.

The student will solder, braze, gas-weld, and arc-weld steel and weld aluminum and stainless steel. The student will also be able to understand the principles and techniques of welding magnesium and titanium, soldering and fabricating tubular structures. *First semester, odd-numbered years, one hour.*

TAM 204—Assembly & Rigging.

The student will be able to assemble aircraft, balance and rig movable surfaces, and jack aircraft. He will also rig fixed-wing aircraft, check alignment of structures and learn how to rig rotary-wing aircraft. *Summer only, odd-numbered years, two hours.*

TAM 205—Airframe Inspection.

The student will perform airframe conformity and airworthiness inspection. *Second semester, one hour.*

TAM 206—Aircraft Landing Gear Systems.

The student will inspect, check, service and repair

landing gear, retraction systems, shock struts, brakes, wheels, tires and steering systems. *Second semester, two hours.*

TAM 207—Hydraulic & Pneumatic Power Systems. The student will inspect, check, service, troubleshoot and repair hydraulic and pneumatic power systems and components as well as identify and select hydraulic fluids. *Second semester, three hours.*

TAM 208—Cabin Atmosphere Control Systems. The student will have knowledge of general principles: how to inspect, check, troubleshoot, service and repair heating, cooling, air conditioning, pressurization and oxygen systems. *Summer only, odd-numbered years, one hour.*

TAM 209—Aircraft Instrument Systems. The student will engage in a detailed study of both engine and flight instruments and their related systems and the FAA regulations pertaining to each. *TAM 209 and TAM 211 total one hour. First semester, odd-numbered years, zero hours. Corequisite: TAM 211.*

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TAM 210—Communication & Navigation Systems. The student will learn how to inspect, check and service the auto-pilot and auto-approach; also aircraft electronic communication and navigation systems including the repair of antenna and electronic equipment installations according to FCC regulations. *TAM 209 and TAM 210 total one hour. Second semester, one hour. Corequisite: TAM 213.*

TAM 211—Aircraft Fuel Systems. The student will be able to inspect, check, service, troubleshoot and repair aircraft fuel systems and components as well as repair fluid quantity indicating systems and fluid pressure and temperature warning systems. The student will also study fuel dump systems, fuel management, transfer and defueling, as well as pressure fueling systems. *First semester, odd-numbered years, one hour. Corequisite: TAM 209.*

TAM 212—Aircraft Electrical Systems. The student will inspect, check, troubleshoot, service and repair alternating-current and direct-current electrical systems and components; also airframe electrical wiring, controls, switches, indicators and protective devices. *First semester, odd-numbered years, three hours.*

TAM 213—Position & Warning Systems. The student will inspect, check, troubleshoot, service and repair landing gear, position indicating and warning systems, as well as understand how to service speed and takeoff warning systems, electric brake controls and antiskid systems. *TAM 213 and TAM 214 total one hour. Second semester, zero hours. Corequisite: TAM 210.*

TAM 214—Ice- & Rain-Control Systems. The student will inspect, check, troubleshoot, service and repair airframe ice- and rain-control systems. *TAM 213 and TAM 214 total one hour. First semester, odd-numbered years, one hour.*

TAM 215—Fire Protection Systems. The student will inspect, check, troubleshoot, service and repair aircraft fire detection and extinguishing systems including smoke- and carbon monoxide-detection systems. *First semester, odd-numbered years, one hour.*

TAM 298—Aviation Mechanic Internship. Provides practical hands-on experience working on Bob Jones University flight school aircraft and with University aircraft maintenance personnel. Students will be required to work on a variety of projects in order to develop diagnostic skills, to reinforce and enhance classroom instruction. Students will work 40 hours during the semester on a flexible schedule. *Both semesters, one hour.*

TAM 299—Aviation Mechanic Internship. Provides practical hands-on experience working on Bob Jones University flight school aircraft and with University aircraft maintenance personnel. Students will be required to work on a variety of projects in order to develop diagnostic skills, to reinforce and enhance classroom instruction. Students will work 40 hours during the semester on a flexible schedule. *Both semesters, one hour. Prerequisite: TAM 298.*

TAM 301—Reciprocating Engines. The student will inspect, check, service, overhaul and repair reciprocating engines as well as remove, install and troubleshoot reciprocating engines with a proficiency as outlined in FAA regulations. *Summer only, even-numbered years, five hours.*

TAM 303—Turbine Engines. The student will inspect, check, service, overhaul and repair turbine engines as well as install, remove and troubleshoot turbine engines with a proficiency as outlined in the FAA regulations. *Summer only, even-numbered years, four hours.*

TAM 304—Engine Inspection. The student will be able to perform power-plant conformity and airworthiness inspections based on manufacturer's recommendations. *Summer only, even-numbered years, one hour.*

TAM 305—Engine Instrument Systems. The student will be able to troubleshoot, service and repair fluid rate-of-flow indicating systems as well as engine temperature, pressure and r.p.m. indicating systems. *TAM 305 and TAM 306 total one hour. Second semester, one hour. Corequisite: TAM 306.*

TAM 306—Engine Fire Protection Systems. The student will be able to inspect, check, service, troubleshoot and repair engine fire detection and extinguishing systems. *TAM 305 and TAM 306 total one hour. Second semester, zero hours. Corequisite: TAM 305.*

TAM 307—Engine Electrical Systems. The student will be able to install, check and service the engine electrical wiring, controls, switches, indicators and protective devices as well as repair engine electrical system components. *Second semester, two hours. Corequisite: TAM 317.*

TAM 308—Lubricating Systems. The student will be able to inspect, check, service, troubleshoot and repair engine lubricating systems and components; and identify and select lubricants. *First semester, even-numbered years, one hour.*

TAM 309—Ignition Systems. The student will be able to inspect, check, service, troubleshoot, and repair reciprocating and turbine engine systems and components as well as overhaul a magneto and ignition harness. *First semester, even-numbered years, two hours.*

TAM 310—Fuel Metering Systems.

The student will be able to inspect, check, service, troubleshoot, and repair reciprocating and turbine engine fuel metering systems and components; overhaul a carburetor; and gain knowledge of water injection systems. *First semester, even-numbered years, two hours.*

TAM 311—Engine Fuel Systems.

The student will be able to inspect, check, service, troubleshoot and repair engine fuel systems and components. *First semester, even-numbered years, one hour.*

TAM 312—Induction System.

The student will be able to inspect, check, service, and repair engine ice- and rain-control systems, heat exchangers and superchargers, carburetor air intake and induction manifolds. *Second semester, one hour.*

TAM 313—Engine Cooling Systems.

The student will be able to inspect, check, troubleshoot, service, and repair cooling systems and components. *TAM 313 and TAM 314 total one hour. First semester, even-numbered years, one hour. Corequisite: TAM 314.*

TAM 314—Engine Exhaust Systems.

The student will be able to inspect, check, troubleshoot, service, and repair engine exhaust systems and components. *TAM 313 and TAM 314 total one hour. Second semester, zero hours. Corequisite: TAM 313.*

TAM 315—Propellers.

The student will study propeller synchronization and ice-control systems, be able to identify and select propeller lubricants, balance propellers, and repair propeller-system components. The student will also be able to inspect, check, service and repair fixed-pitch, constant-speed, propeller-feathering, and propeller-governing systems as well as install, troubleshoot and remove propellers. *TAM 315 and TAM 316 total one hour. Second semester, two hours. Corequisite: TAM 316.*

TAM 316—Unducted Fans.

The student will learn to inspect and troubleshoot unducted fan systems and their components. *TAM 315 and TAM 316 total one hour. Second semester, zero hours. Corequisite: TAM 315.*

TAM 317—Auxiliary Power Units.

The student will learn to inspect, check, service and troubleshoot turbine-driven auxiliary power units. *First semester, even-numbered years, zero hours. Corequisite: TAM 307.*

TAM 398—Aviation Mechanic Internship.

Provides practical hands-on experience working on Bob Jones University flight school aircraft and with university aircraft maintenance personnel. Students will be required to work on a variety of projects in order to develop diagnostic skills, to reinforce and enhance classroom instruction. Students will work 40 hours during the semester on a flexible schedule. *Both semesters, one hour. Prerequisite: TAM 298 and TAM 299.*

TAM 399—Aviation Mechanic Internship.

Provides practical hands-on experience working on Bob Jones University flight school aircraft and with university aircraft maintenance personnel. Students will be required to work on a variety of projects in

order to develop diagnostic skills, to reinforce and enhance classroom instruction. Students will work 40 hours during the semester on a flexible schedule. *Both semesters, one hour. Prerequisite: TAM 299 and TAM 398.*

Auto-Diesel Mechanics**TAD 101—Introduction to Automotive Service.**

Provides the students with background knowledge in tools, safety, preventative maintenance and the structure of the automobile industry. *First semester, three hours.*

TAD 113—Basic Welding.

Introduction to welding theory, practical applications in welding techniques, electric arc and oxy-acetylene operations. *Both semesters, one hour.*

TAD 114—Power Fundamentals.

Principles of engine operations, types of engines, cylinders and valve arrangements, lubrication, cooling, and fuel and exhaust systems. Basic construction of gasoline engines and both 2- and 4-stroke diesel engines. *Second semester, two hours.*

TAD 115—Applied Physics.

An introduction to basic physics with special emphasis to the practical application for the auto-diesel trade. Topics will include measurement, density, specific gravity, graphing, motion, force, torque, work, power and simple machines. *Second semester, three hours.*

TAD 119—Gasoline Engine Overhaul.

In this course the student does a complete overhaul starting with removal of the engine through break-in and preparation for return to the owner. Emphasis is placed on diagnosis and measurement, and proper selection and safe use of tools and equipment. *First semester, three hours.*

TAD 124—Electrical Systems.

Fundamentals of electricity and magnetism. Basic circuits, batteries, cranking motors. Advanced work in electrical systems components and operation, including printed circuits, alternators, generators and various types of wiring. Emphasis on mastery of subject demonstrated by troubleshooting and repairing electrical systems. *First semester, two hours.*

TAD 198—Auto-Diesel Internship.

Provides practical hands-on experience in a simulated shop environment. Students will work on auto-diesel projects, develop diagnostic skills and gain customer relation skills. The course will serve to reinforce and enhance classroom instruction. *First semester, one hour.*

TAD 199—Auto-Diesel Internship.

Provides practical hands-on experience in a simulated shop environment. Students will work on auto-diesel projects, develop diagnostic skills and gain customer relation skills. The course will serve to reinforce and enhance classroom instruction. *Second semester, one hour.*

TAD 210—Machine Shop I.

A study of safe and effective use of machine shop equipment pertaining to the vertical mill and related machines. Includes instruction regarding various measuring instruments as well as basic blueprint

reading. Students will have frequent opportunity for hands-on training. *First semester, two hours.*

TAD 211—Machine Shop II.

A study of advanced blueprint reading including modifications. Advanced instruction on the proper use of tools including drills, taps, boring bars, boring heads and special cutters. Advanced machining operations such as vertical milling, jog boring and use of a lathe. Students will have frequent opportunity for hands-on training. *Second semester, two hours.*

TAD 212—Hydraulic Brakes.

Automobile and truck disc and drum hydraulic brake systems, including master cylinders and power boosters. *First semester, one hour.*

TAD 214—Suspension & Steering.

Technical and practical consideration of the principles of automobile and truck suspension systems, including steering, alignment and wheel balancing. Use and application of balancing and alignment equipment and tire repair. *Second semester, four hours.*

248 TAD 215—Fuel, Ignition, & Emission Systems.

The course covers, through classroom and hands-on instruction, the basic principles of operation, diagnosis and servicing of the fuel systems, ignition, and emission-control systems, including original systems and electronic-controlled systems. *First semester, three hours.*

TAD 222—Heating & Air Conditioning.

Principles and operation of automotive heating, ventilating and air conditioning systems. Students demonstrate their understanding by servicing and repairing vehicles. *Second semester, two hours.*

TAD 229—Automatic Transmissions & Transaxles.

Automatic (hydraulic) transmissions, focusing on fluid couplings, torque converters, principles of automatic controls, planetary gear systems, clutches and bands, electronic controls, and required maintenance and repair skills on both auto and truck transmissions. *Second semester, four hours.*

TAD 298—Auto-Diesel Internship.

Provides practical hands-on experience in a simulated shop environment. Students will work on auto-diesel projects, develop diagnostic skills and gain customer relation skills. The course will serve to reinforce and enhance classroom instruction. *First semester, one hour. Prerequisite: TAD 198.*

TAD 299—Auto-Diesel Internship.

Provides practical hands-on experience in a simulated shop environment. Students will work on auto-diesel projects, develop diagnostic skills and gain customer relation skills. The course will serve to reinforce and enhance classroom instruction. *Second semester, one hour. Prerequisite: TAD 199.*

TAD 311—Hydraulic Servicing.

Basic hydraulic principles with application of use on heavy equipment. All components of hydraulic systems studied and repaired. *Second semester, one hour.*

TAD 312—Nonhydraulic Brakes.

Detailed study and repair of mechanical, compression and air-brake systems. *First semester, two hours.*

TAD 313—Diesel Engine Overhaul.

This course covers disassembly through testing output

performance on both two- and four-stroke diesel engines. *First semester, four hours.*

TAD 322—Power Train On-Road Vehicles.

Power train design and construction, including clutches, manual transaxles, transmissions, drive shafts and drive axles. *Second semester, three hours.*

TAD 323—Power Train Off-Road Equipment.

The course will include power-shift and torque converter transmissions as well as hydrostatic drives. *Second semester, two hours.*

TAD 398—Auto-Diesel Internship.

Provides practical hands-on experience in a simulated shop environment. Students will work on auto-diesel projects, develop diagnostic skills and gain customer relation skills. The course will serve to reinforce and enhance classroom instruction. *First semester, one hour. Prerequisite: TAD 298.*

TAD 399—Auto-Diesel Internship.

Provides practical hands-on experience in a simulated shop environment. Students will work on auto-diesel projects, develop diagnostic skills and gain customer relation skills. The course will serve to reinforce and enhance classroom instruction. *Second semester, one hour. Prerequisite: TAD 299.*

Aviation**Av 101—Primary Ground School.**

Theory of flight which includes aerodynamics, aircraft systems, airports, communication, meteorology and Federal Aviation Regulations. *First semester and summer, two hours.*

Av 102—Basic Ground School.

Aerial navigation, cross-country flying, medical factors and safety of flight. Course requirements include the successful completion of the FAA Private Pilot Written Exam. *Second semester and summer, two hours. Prerequisite: Av 101.*

Av 105—Solo Flight.

(Flight Fee \$4500) This Solo Flight course is the first of two courses required to obtain *Private Pilot Certificate*. Ground instruction and flight training as necessary to gain knowledge and proficiency to make solo flights. Approximately eighteen hours of dual instruction and two and one-half hours of supervised solo flight. *Both semesters and summer, one hour.*

Av 106—Private Pilot.

(Flight Fee \$4500) This Private Pilot training is to complete requirements to obtain a *Private Pilot Certificate*. Training includes night flights, cross-country flights and instrument training to meet FAA requirements. Twenty-five hours of flight instruction, four hours of solo flight and ground instruction as necessary. *Both semesters and summer, one hour. Prerequisite: equivalent flight time or Av 105. Requisite: Av 102.*

Av 203—Cross-Country Flight.

(Flight Fee \$4800) Flight instruction in day and night cross-country flights and instrument flight increasing the proficiency of the Private Pilot. Thirty-five hours of flight in Diamond DA 20 and instrument simulator with dual instruction and supervised solo flights. *Both semesters and summer, two hours. Prerequisite: Private Pilot Certificate—Passed.*

Av 204—Advanced Cross-Country Flight.

(Flight Fee \$4800) Advanced instruction in cross-country flights into high-density airports and mountain flights. Thirty-five hours of flight in Diamond DA 20 and instrument simulator with dual instruction and supervised solo flights. *Both semesters and summer, two hours. Prerequisite: equivalent flight time or Av 203.*

Av 210—Flight Proficiency.

(Registration \$25) The University flight instructors provide dual instruction and supervised solo practice for pilots who wish to maintain flight proficiency and meet Federal Aviation Administration pilot currency requirements. *Charge current hourly rate for the airplane used in training. Both semesters and summer, zero hours.*

Av 301—Instrument Ground School.

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 test. *First semester and summer, three hours. Prerequisite: Private Pilot Certificate—Passed.*

Av 302—Instrument Flight.

(Flight Fee \$7800) Thirty-five hours of dual instrument instruction in Diamond DA 40 and instrument simulator and 10 hours of instrument ground instruction. Includes the development of professional skills in the use of instrument landing systems, radar and air traffic control procedures. Course requirements include the successful completion of the Instrument Rating issued by the Federal Aviation Administration. *Both semesters and summer, two hours. Prerequisite: Private Pilot Certificate—Passed and equivalent flight time, Av 203 or Av 204. Requisite: Av 301.*

Av 311—Commercial Ground School.

Advanced training in Federal Air 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 test. *Second semester, three hours. Prerequisite: Private Pilot Certificate—Passed.*

Av 312—Commercial Maneuvers.

(Flight Fee \$4500) Thirty hours of dual instruction and supervised solo practice on the flight maneuvers required for the Commercial flight test. Course includes options of instruction in complex airplanes, IFR recurrency, bush flying techniques, IFR flights into high-density airports and multi-engine flying. *Both semesters and summer, one hour. Prerequisite: equivalent flight time or Av 302.*

Av 403—Flight Instructor: Instrument.

(Flight Fee \$1800) Five hours of ground instruction and ten hours of flight instruction to develop instructional proficiency in instrument procedures in a single-engine airplane. Course requirements include the attainment of the Instrument Rating on the Flight

Instructor Certificate issued by the Federal Aviation Administration. *Both semesters and summer, one hour. Prerequisite: Flight Instructor Certificate.*

Av 404—Flight Instructor: Multiengine.

(Flight Fee \$2000) Ten hours of ground instruction and five hours of flight instruction to develop instructional proficiency in a multiengine airplane. Course requirements include the attainment of the Multiengine Rating on the Flight Instructor Certificate issued by the Federal Aviation Administration. *Additional costs may be incurred to meet FAA minimum of 15 hours pilot-in-command time in multiengine airplanes. Both semesters and summer, one hour. Prerequisite: Flight Instructor Certificate.*

Av 413—Commercial Preparation.

(Flight Fee \$4500) A minimum of twenty-five hours of flight instruction and solo practice to achieve the proficiency required for the Commercial Pilot flight test. Ground instruction given as necessary for all knowledge areas required for the Commercial flight test. Course requirements include the attainment of the Commercial Pilot Certificate issued by the Federal Aviation Administration. *Both semesters and summer, one hour. Prerequisite: equivalent flight time.*

Av 414—Multiengine Flight.

(Flight Fee \$4500) A minimum of twenty hours of dual instruction in a multiengine airplane and multiengine instrument simulator to achieve the proficiency required for the multiengine rating. Ground instruction given as necessary for the knowledge requirements. Course requirements include the attainment of the Multiengine Rating issued by the Federal Aviation Administration. *Both semesters and summer, one hour.*

Av 415—Specialized Flight.

(Flight Fee \$1800) A minimum of 10 hours of dual instruction in specialized areas of aviation suited to the student's future career. Sample subject areas include, but are not limited to, bush flying, night cross-country, complex airplane, mountain flying, multiengine flying, advanced instrument procedures, advanced aircraft systems. *Both semesters and summer, one hour.*

Av 416—Specialized Flight.

(Flight Fee \$1800) A minimum of 10 hours of dual instruction in specialized areas of aviation suited to the student's future career. Sample subject areas include, but are not limited to, bush flying, night cross-country, complex airplane, mountain flying, multiengine flying, advanced instrument procedures, advanced aircraft systems. *Both semesters and summer, one hour.*

Av 420—Advanced Aircraft Systems.

This is an Advanced Aircraft Systems study of complex aircraft systems, to include turboprop and jet aircraft systems that will be encountered in entry level employment as a pilot. *Second semester, three hours.*

Av 430—Aviation Internship.

Work experience with a major airline at one of their training bases. *Not applicable toward a major. Both semesters and summer, three hours. Prerequisite: Commercial Pilot Certificate with instrument rating, FAA Second-Class Medical Certificate with ability to obtain a First-Class Medical Certificate and Instrument Rating—Required.*

Av 431—Fixed Base Operations Management.

Examines accepted business practices for operating a general aviation maintenance and support facility at a local airport. Includes firsthand observation of FBO operations. *First semester, three hours.*

Av 432—Airport Management.

Examines the underlying principles, practices and policies of airport planning and management. Includes firsthand observation of the operations of a major commercial airport and its socioeconomic impact on the community it serves. *Second semester, three hours.*

Av 434—Corporate Flight Department Management.

Provides timely applications for managing a corporate flight department during globalization of world markets. Begins with the development of corporate aviation and progresses into benefits, decision making and organization of a flight department. Includes firsthand observation of several corporate flight departments. *Second semester, three hours.*

250**Av 496—Aviation Maintenance Proficiency.**

Provides advanced practical experience required by mission boards, airlines, repair stations or fixed based operators, while meeting FAA currency requirements. Students work on university flight school airplanes maintaining skills and gaining experience under the supervision of university aircraft mechanics. Students will work 40 hours during the semester on a flexible schedule. *Not applicable toward a major or minor. Both semesters, one hour. Prerequisite: FAA Mechanic Certificate with ratings from Airframe and Powerplant.*

Av 497—Aviation Maintenance Proficiency.

Provides advanced practical experience required by mission boards, airlines, repair stations or fixed based operators, while meeting FAA currency requirements. Students work on university flight school airplanes maintaining skills and gaining experience under the supervision of university aircraft mechanics. Students will work 40 hours during the semester on a flexible schedule. *Not applicable toward a major or minor. Both semesters, one hour. Prerequisite: FAA Mechanic Certificate with ratings from Airframe and Powerplant and Av 496.*

Av 498—Aviation Maintenance Proficiency.

Provides advanced practical experience required by mission boards, airlines, repair stations or fixed based operators, while meeting FAA currency requirements. Students work on university flight school airplanes maintaining skills and gaining experience under the supervision of university aircraft mechanics. Students will work 40 hours during the semester on a flexible schedule. *Not applicable toward a major or minor. Both semesters, one hour. Prerequisite: FAA Mechanic Certificate with ratings from Airframe and Powerplant and Av 497.*

Av 499—Aviation Maintenance Proficiency.

Provides advanced practical experience required by mission boards, airlines, repair stations or fixed based operators, while meeting FAA current requirements. Students work on university flight school airplanes maintaining skills and gaining experience under the supervision of university aircraft mechanics. Students will work 40 hours during the semester on a flexible schedule. *Not applicable toward a major or minor.*

Both semesters, one hour. Prerequisite: FAA Mechanic Certificate with ratings from Airframe and Powerplant and Av 498.

Cosmetology**TCO 111—Professionalism in Cosmetology I.**

Includes a study of professional ethics, good hygiene, grooming, beauty problems, nutritional needs, exercise and recreation, and personality development, as well as cosmetology law, which includes rules, regulations and codes of the profession. For the protection of the individual and public health, the importance of sanitation and sterilization will be discussed; and the preparation of solutions that will destroy and retard the growth of bacteria will be learned. *First semester, three hours.*

TCO 112—Professionalism in Cosmetology II.

The student will learn how to respond to different people and occasions, how to perform a thorough service consultation, and how to properly recommend and sell services and products. Receptionist skills will also be discussed. *Second semester, three hours. Prerequisite: TCO 111.*

TCO 114—Hair Styling.

A study of the various principles of design that are important to hair styling. The student will become familiar with techniques, equipment and supplies and will learn the types of curls, how to form them and how to create desired special effects. Includes blow-drying and curling-iron techniques, braiding, roller setting, pin curls and comb-outs. Also includes training for the proper use of various combs, rollers, clips and setting solutions as well as the study of how to properly shape, fit, clean and set a wig for a desired style. *First semester, four hours.*

TCO 115—Hair Shaping.

A study in achieving satisfactory hair cutting results including the recognition of reference points, angles and elevation in regards to different types of haircut designs. The student will perform basic cuts using various haircutting techniques. Students will demonstrate the safe and proper use of appropriate implements. The student will be exposed to and practice the state laws regarding universal precautions. *First semester, two hours.*

TCO 116—Chemical Waving.

A study of the method and technique of permanently waving the hair with the use of chemicals. Students learn chemistry as applied to chemicals used, classification of products, safety precautions and the proper use of the various types of perm rods. *Second semester, three hours.*

TCO 117—Chemical Hair Relaxing.

A study of the products and method of removing curl from overly curly hair by the use of chemical agents and thermal pressing. Includes related chemistry and a study of safety precautions. *Second semester, one hour.*

TCO 118—Hair Coloring.

A study of color and light theory and the classification of hair-coloring products. The student will learn the proper methods of hair color application, including various highlighting techniques and safety precautions related to the use of tinting chemicals. The course includes a study of the analysis of hair,

the chemistry of color and the proper selection of color products. Bleachers, toners and corrective color procedures will also be discussed. *Second semester, four hours.*

TCO 211—Cosmetology Practicum I.

Practice in all phases of hair care and manicures. *First semester, six hours.*

TCO 212—Cosmetology Practicum II.

Further practice in all phases of hair, skin, and nail care and preparation for the State Board Examination. *Second semester, six hours. Prerequisite: TCO 211.*

TCO 213—Manicuring/Pedicuring.

A study of the structure, composition, growth, regeneration and irregularities of nails. The student will learn to file, shape and scrub the nail, as well as learn how to trim the cuticle and apply the nail polish.

Anatomy, product information and safety precautions will also be discussed. *First semester, one hour.*

TCO 214—Facials & Makeup.

A study of the structure, functions, conditions and disorders of the skin. Students will learn how to perform a professional facial. Includes procedures for various skin treatments and massage, as well as the professional application of makeup. Includes related anatomy, chemistry of cosmetics and safety precautions. *First semester, one hour.*

TCO 301—Cosmetology Internship I.

The student will work under supervision employing all the skills learned as a licensed cosmetologist. This course is directed toward the additional hours beyond the South Carolina cosmetology requirements and in fulfillment of the total hours required in other states. *First semester, two hours.*

TCO 302—Cosmetology Internship II.

The student will work under supervision employing all the skills learned as a licensed cosmetologist. This course is directed toward the additional hours beyond the South Carolina cosmetology requirements and in fulfillment of the total hours required in other states. *Second semester, two hours. Prerequisite: TCO 301.*

TCO 310—Methods of Trade Teaching.

This course is designed to give prospective teachers basic instruction in special methods that may be used in teaching. Students will learn how to grade, keep proper records, make visuals and prepare lesson plans. They will learn how to take into account the psychological factors of learning and the individual differences of their students. *Second semester, three hours.*

Culinary Arts

TCA 101—Basic Food Knowledge.

An introduction to the broad spectrum of products used in the food service industry. The student will learn the names, grading and identification of food products. The course includes an analysis of the optimal care and handling of perishable food items in daily operations. *First semester, two hours.*

TCA 102—Cooking Methods I.

The process of cooking and working with food. The student will learn the wholesome, sanitary handling of food products. Emphasis will be placed on the selection of cooking techniques for the various food products. *First semester, two hours.*

TCA 111—Culinary Arts Practicum I.

The objective is for the student to gain an understanding of commercial food service operations. The direct area of focus for this semester will be sanitation, food receiving and storeroom procedures. *First semester, three hours.*

TCA 202—Food Display & Garnishing.

A practical in-depth exposure to food presentation. The topics will include cold- and hot-food garnishes, individual *a la carte* concepts and the basics of cake decorating. *Second semester, two hours.*

TCA 203—Cooking Methods II.

The course will teach the practical preparation of food. It will cover the cooking of meats, seafood, potatoes, vegetables, and use of herbs and spices, dairy products, eggs, rice and pasta. *Second semester, three hours.*

TCA 204—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 hours.*

TCA 221—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. *Second semester, three hours.*

TCA 225—Recipe Costing & Menu Analysis.

A study of recipe expansion and costing. The concepts of product yields, weight and measure conversions, and the development of menu item expenses are the key areas of focus. *Second semester, three hours.*

TCA 301—Practical Catering.

The planning and execution of food service functions. The course includes the student preparation of food events. *First semester, three hours.*

TCA 303—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 hours.*

TCA 304—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 hours.*

TCA 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. *Second semester, three hours.*

TCA 312—Foodservice Sanitation and Nutrition.

The study of balanced menus presented to restaurant customers. The student will become knowledgeable in the essential nutrients that enrich the human body. Areas of study include proper portioning, calculation of meal nutrition and healthy food selection for professional menus. *Second semester, three hours. Excludes: FN 260.*

TCA 388—Food Service.

A course in the practical phases of commercial food production. This course includes the student planning, preparation and execution of food service functions. *Second semester, three hours. Excludes: FN 350 and FN 150.*

Residential Construction**TCR 111—Building Methods/Materials.**

A course designed to give students a working knowledge of residential building materials and techniques. The properties and product performance of materials in various combinations are studied. Concrete, masonry, lumber, interior and exterior finish materials, standard and alternate foundation, and framing systems are studied. *First semester, three hours.*

TCR 120—Basic Cabinetry/Carpentry.

Study in the use of hand and power tools and shop equipment. Knowledge and skill are gained in classroom and shop work on various projects. Students learn to sharpen and care for tools. Some hand tools are required. *First semester, four hours.*

TCR 216—Residential Design.

A study of board graphic communication and design issues in the residential construction industry. Students use current building codes, standard design methods and drawing techniques to complete a set of residential working drawings. *First semester, three hours. Prerequisite: TCR 111.*

TCR 220—Carpentry/Residential Construction I.

This course is designed to take the student through the construction steps from a bare lot to simple hip roof framing. The topics are studied in the classroom and practiced through work on lab activities, models, mock-ups and projects. The emphasis of the course is the development of an understanding of the principles and practices of design and layout associated with these aspects of residential construction. *Second semester, five hours. Prerequisite: TCR 111.*

TCR 225—Material Takeoff & Estimating.

A study of blueprint reading, plans and specifications leading to material takeoffs, and estimates. Emphasis on industry-standard structures and organization for quantifying materials. Practical application will be a complete material takeoff and estimate of a residential structure. *Second semester, two hours.*

TCR 230—Carpentry/Residential Construction II.

This course is designed to take the student from more complicated roof framing through dry-in. The topics are studied in the classroom and practiced through work on lab activities, models, mock-ups and projects. The emphasis of the course is the development of an understanding of the principles and practices of design and layout associated with these aspects of residential construction. *First semester, five hours. Prerequisite: TCR 220.*

TCR 317—Advanced Carpentry I.

This course is designed to prepare the student to construct the common types of cornices and to apply the common exterior finish material properly. Construction of decks is also included. The topics are studied in the classroom and practiced through work on lab activities, models, mock-ups and projects. The emphasis of the course is the development of an understanding of the principles and practices

of design and layout associated with these aspects of residential construction. *Second semester, three hours. Prerequisite: TCR 230.*

TCR 318—Advanced Carpentry II.

This course is designed to prepare the student to install the common interior finish materials properly. The topics are studied in the classroom and practiced through work on lab activities, mock-ups and projects. The emphasis of the course is the development of an understanding of the principles and practices of design and layout associated with these aspects of residential construction. *First semester, three hours. Prerequisite: TCR 317.*

TCR 324—Computer-Aided Drafting.

Introduces the students to basic CAD concepts using AutoCAD Lt. Topics include drawing tools, block formation, plotting, paper space and other time-saving drawing techniques for the residential contractor. *Second semester, three hours. Prerequisite: TCR 216 and Computer Applications Placement Test. Excludes: Cps 207.*

TCR 325—Construction Planning & Scheduling.

Students are taught the fundamental skills required to plan and schedule the entire residential building process to complete jobs on time and on budget. *First semester, two hours.*

TCR 330—Trends in Residential Construction.

A study of current trends in the residential construction industry including but not limited to licensing, insurance, finance, government regulations, codes and technology. *Second semester, two hours. Prerequisite: TCR 325.*

TCR 335—Residential Electricity/Plumbing.

The student learns how to effectively manage electrical and plumbing subcontractors and how to install common systems. Topics include basic theory, plan reading, design, estimating and installation techniques. Students perform various lab exercises and complete two residential design projects. *First semester, four hours.*

TCR 365—Residential Mechanical Systems.

The student learns how to effectively manage mechanical subcontractors and how to install simple mechanical systems. Topics include basic theory, plan reading, design, estimating and installation techniques. Students perform various lab exercises, complete one residential mechanical design project and choose one project on a related system. *Second semester, two hours.*

TCR 370—Residential Construction Internship.

Students will work with a local residential contractor or subcontractor to gain practical experience and insight into the construction industry. *Second semester, zero hours. Prerequisite: TCR 318.*

TCR 375—Cabinet & Furniture Construction.

Study and practical experience in the design and production of cabinets and/or furniture. *Second semester, two hours. Prerequisite: TCR 318.*

TCR 380—Project Practicum.

Students will work with a ministry or customer to design, plan, estimate and schedule a residential project. Faculty will guide and evaluate student progress. *Second semester, two hours. Prerequisite: TCR 318.*

TCR 392—Field Work.

For prospective carpenters to gain practical experience in various missionary-related carpentry endeavors. Instruction and typical carpentry experiences will be arranged to give the students an overall view of life and work in the carpentry work place. *Two hours.*

TCR 393—Field Work.

For prospective carpenters to gain practical experience in various missionary-related carpentry endeavors. Instruction and typical carpentry experiences will be arranged to give the students an overall view of life and work in the carpentry work place. *Three hours.*

Bob Jones University occupies a plant comprising 205. The institution moved into the initial unit of 25 buildings for the 1947–48 session. Since that date additional buildings have been constructed on an average of more than one a year. The campus plan included in this Catalog shows the building locations.

The **Administration Building** houses the business, and executive offices. Hosts at the Information Desk welcome all visitors.

The **Alumni Building** houses the Bellis Copy Center, media center, language laboratory, Learning Resource Center, computer labs and air-conditioned lecture halls, classrooms and faculty offices.

The **Alumni Stadium** with a seating capacity of approximately 4,000 is used for soccer games. There are also four soccer fields available for practices and games. Softball games are also played in this outdoor activity area. The Alumni Stadium has a ¼ mile track for competitive and recreational running activities. Lighted tennis courts are available for use throughout the day and evening.

The **Bob Jones Jr. Memorial Seminary and Evangelism Center**, named to symbolize the vital connection between historic Fundamentalism and evangelism, serves to promote the cause of world evangelism by teaching the fervent exposition and application of the Word of God. The two-story structure, covering approximately 18,000 square feet, is located in close proximity to the Alumni Building and the Library. Its features include high-tech resource and research facilities, historical displays and memorabilia, classrooms, faculty offices, a conference room and a lecture hall.

The **Museum & Gallery at Bob Jones University** houses one of the foremost collections of old master paintings in America. Renowned and respected around the globe by art scholars and museum professionals, the Museum & Gallery 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. M&G extends its collection into communities at home and abroad through its educational and cultural outreaches that enrich the whole man—mind, heart and soul.

The collection of old master paintings contains representative works of Flemish, Dutch, German, French, Italian and Spanish painting from the fourteenth through nineteenth centuries. Among them are outstanding examples from the brushes of Tintoretto, Veronese, Botticelli, Preti, Reni, Le Brun, Gerard David, Cranach, Murillo, Ribera, Rubens and van Dyck.

Period furniture and statuary afford interesting sidelights on the other arts as well as a look into the life and times contemporary with the over 400 paintings in the collection.

M&G also houses the **Bowen Collection of Antiquities** which contains the varied display of biblical antiquities from the collection of the late Mr. and Mrs. Frank Bowen. This excellent collection displayed on a rotating basis, presents an unusual opportunity for systematic study of the Bible in light of archaeology.

As a visual library and valuable resource, the Museum & Gallery presents a record of the culture, religion and history of ages past, beginning in Bible times and extending through the nineteenth century. Approximately 20,000 people visit this remarkable collection each year. Thousands of students, families and adults participate in M&G's educational offerings and cultural outreaches such as the annual *Living Gallery* presentation, music recitals, focus exhibitions, children's programs, guided tours, membership program and more. Through its educational efforts and collection, including its satellite location in downtown Greenville, M&G continues to extend its reach beyond its campus family and into the surrounding community, beyond its national borders and into international circles. Students in any field, art-related or not, benefit from the rich legacy the collection provides.

The **Davis Field House** provides facilities for the division of physical education and exercise science, the university intramural program, and faculty/staff/student recreation 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 3,000 people for athletic and special events in the main court.

The **Dixon-McKenzie Dining Common** accommodates 2,500 people at a sitting. It is one of the ten largest dining facilities in the country operating under one roof. Its prepares 1.5 million meals each year. In addition to the Varsity Room for students, three smaller rooms are provided for special university functions and catering.

The **Edwards-Riley Memorial Student Center** contains the War Memorial Chapel, Stratton Hall, Snack Shop, Campus Store, Grace Levinson Chapel, Photo

Studio, Post Office, Social Parlor, Edwards Game Room, Alumni Association, Office of Career Services and conference rooms.

The **War Memorial Chapel** contains a series of huge canvases painted by Benjamin West depicting scenes from the Old and New Testaments—a part of the intended decoration for the chapel at Windsor Castle. The hall also contains a 19-rank Wicks pipe organ, installed in 1988.

Facilities Management, located in the Ludwig Facilities Management Center, is responsible for maintaining approximately 2,700,000 square feet of public buildings and residence halls, as well as approximately 87 residences and 275 apartments on over 270 acres of property. University maintenance is responsible for all campus and residential property maintenance. The Utilities/Energy group is responsible for plumbing, electrical, HVAC, welding, sheet metal and the maintenance and operation of the cogeneration plant. The Operations and Services group is responsible for Central Distribution (all warehousing activities), Custodial Services, Recycling, Floor Covering, Transportation and maintenance of grounds. The Projects, Design and Construction groups are responsible for the development, engineering and construction of all major road, building and utility projects on campus; as well as the roofing and cabinet shop. Interior Design is responsible for all furnishings and finishes as well as Christmas lighting and special decorations throughout the year.

The **Dwight Gustafson Fine Arts Center** contains specially designed studios for voice, piano, instruments and pipe organ, as well as practice halls for orchestra, band, chorus and ensembles. The Music Library, with its large record, compact disc, DVD, videocassette and score collection, is also located here. Art and design facilities are located in the Sargent Art Building and include offices, classrooms and studios for painting, drawing, sculpture, ceramics, fiber arts, printmaking and design. Three state-of-the-art computer technology labs are available for classes and students in fine arts. Broadcasting Department facilities include classrooms, control rooms, radio studios and a well-equipped television studio. The studios of student-operated WBJU, the campus station, are also located in the Fine Arts Center. Communication facilities include offices, classrooms, conference rooms, multi-media room and the speech therapy clinic.

The **Founder's Memorial Amphitheater** seats 7,000 and is the preaching center of the campus. A tribute to the memory of Dr. Bob Jones Sr., the mammoth edifice is akin to an enclosed Greek amphitheater and allows an audience the greatest possible proximity to a speaker. A 90-rank Allen organ is located in this hall. It also houses Bob Jones University's recording studios and a 200-seat assembly room.

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.

The **Grace Haight Nursing Building** houses the offices, classrooms, simulated laboratories and learning resource center for the Division of Nursing.

The **Howell Memorial Science Building** houses the Roder Memorial Coral Collection, the Waterman Bird collection, a fully equipped computer science lab, modern laboratories for instructions in biology, chemistry, physics and electronics; modern facilities and labs for the teaching of Family and Consumer Sciences; classrooms and lecture halls; and faculty offices.

The **Mack Library** has about 90,000 square feet of floor space. This modern facility offers seating for over 1,300, including individual study carrels, open bookstacks in the reading areas, an audiovisual facility, a large periodical room, a computer lab, a computer classroom and a library instruction classroom.

Other prominent features include the Jerusalem Chamber, a replica of the room in Westminster Abbey in London in which work was accomplished on the 1611 King James Bible and the University Archives Room which displays materials about the Founder and history of BJU.

Students are served by a staff of 19 and a student staff of about 50.

Approximately 318,000 volumes are housed in the collection, and over 1,080 current periodical titles are received. In addition, over 18,000 music, speech and language recordings are available in departmental library rooms elsewhere on the campus.

The Library features the Millennium online catalog and an automated circulation system supported by Innovative Interfaces. These units provide an integrated system and access to other library catalogs from one of the 36 public access stations. Books not held in our library may be obtained by interlibrary loan through OCLC, a national database. In addition, students have access to the Internet from 36 public access stations which provide online searching for magazine and other information in over 65 databases. The Fundamentalism File contains over 110,000 articles on religious subjects and secular topics from a religious perspective.

Precollege Programs:

Elementary School (Grades K4-6)

The Elementary School includes three separate buildings: the Primary Center (K4, K5 and grade 1), the Main Building (grades 2–6) and the Fine Arts Center. There are four sections each for K4–grade 6. Observation windows are provided for the benefit of

university students majoring in education. Many university students work as tutors, aides and late-stay workers.

Junior High (Grades 7 and 8)

In addition to the daily instruction in mathematics, history, science, English and physical education, students are also taught foreign language, music and Bible. Junior High is divided into three to five 7th- and 8th-grade sections. Students are encouraged to audition for the chorus, handbell choir, band, or orchestra and may participate in afterschool sports. Annual social events include outings and historical trips.

The Academy (Grades 9–12)

Located on the BJU campus, the Academy offers students the advantages of a college preparatory curriculum. In addition to the availability of university facilities and resources, the Academy also has its own auditorium, gymnasium, science labs, computer labs, classrooms, family and consumer sciences department and much more. Students compete in intramural sports and may participate in the orchestra, one of two Academy bands, Concert Choir and Chorale, Handbell Choir, National Forensics League, and a variety of Christian activities. Most of the faculty hold master's degrees, and Academy students have a reputation for scoring high on standardized tests.

Rodeheaver Auditorium is one of the finest collegiate stages in the United States. The mechanical equipment of the building includes two contour curtains, a revolving stage, over 40 fly lines, and orchestra and stage lifts—making it one of the best-equipped theaters in the Southeast. Seating over 2,600, the building also houses the scene shop, various storage areas, an extensive collection of costumes from various university productions, as well as dressing rooms and property rooms. A 57-rank Zimmer pipe organ is located in this hall. Forty-three digital stops were added to the instrument in 2004. In addition, Rodeheaver Auditorium houses Unusual Films, BJU's award-winning film production studio.

Trades facilities support the associate degree programs in the School of Business. The Culinary Arts building contains a kitchen, bakeshop and dining room/classroom. The Carpentry building is a fully equipped carpentry shop with classrooms. The Cosmetology Lab has a twenty-one-station salon and classroom. The Auto-Diesel shop is a ten-bay operating garage, with three classrooms and a unit repair area and parts/tool storage rooms. The Airport Facility includes an aviation mechanic shop and classroom area, and the Flight School is supported by administrative offices, a maintenance area, flight line and simulators.

In **Unusual Films**, Bob Jones University has one of the most effective media today of spreading the Gospel throughout the world. This up-to-date, excellently equipped motion-picture studio centers on a large sound stage complete with professional cranes and multidirectional dollies, cameras, microphone perambulators, catwalks, arc and incandescent lights, lighting accessories, and still photography equipment and laboratories. Conveniently located near the sound stage are studios for makeup and hairstyling, wardrobe, film and non-linear video editing, sound recording, re-recording and scoring, 2-D and 3-D animation, set and costume design, scene drafting and construction, film distribution, projection computer lab, and classroom facilities.

Since its organization in 1950, Unusual Films has established an outstanding record in the production and distribution of its films which are being shown in all parts of the world. One of its most celebrated film releases has been *Wine of Morning*, a two-hour, full color, first-century story that was selected to represent America at the International Congress of Schools of Cinema at the Cannes Film Festival. Since then, Unusual Films has produced, in addition to numerous shorter films, five more feature-length productions: *Red Runs the River*, a 90-minute film dealing with the personal conversion of one of the historic generals of the Civil War; *Flame in the Wind*, presenting a strong gospel message against the background of the Spanish inquisition; *Sheffey*, the moving story of a circuit riding preacher known for his power in prayer; *Beyond the Night*, a missionary film telling the story of the powerful testimony of a missionary doctor in Africa; and *The Printing*, the story of secret Bible printing in the Soviet Union on the eve of *perestroika*. The most recent productions are *The Treasure Map*, *Appalachian Trail* and *Project Dinosaur*, three dramatic adventure films designed to appeal to children, and *The Golden Rom*, *Farmer Dillo Paints His Barn*, and *Farmer Dillo Counts His Chickens*, all of which are animated stories. In addition, Unusual Films is currently working on a new feature-length film about baseball in the 1920s. The film is scheduled to release in spring 2011.

Unusual Films serves as a laboratory for cinema students who wish to receive professional training in all phases of Christian and educational motion-picture and video production and in the field of still photography. Cinema majors, as well as any student in BJU, may gain experience in the various aspects of production, and cocurricular credit may be earned by such participation.

Because of the strong Christian emphasis and the serious approach to the work on the part of Christian young people who feel a definite call of God to this field of service, because of the motion picture equip-

ment and facilities, because all fine arts are given without additional tuition, because of the teacher-training background of the Unusual Films staff coupled with a knowledge of motion pictures, and because of the practical experience given students, Bob Jones University is better prepared than any other university in America to train Christian young people who are seriously interested in cinema and video.

The purpose of Unusual Films to win men and women to Jesus Christ is epitomized in the motto which hangs on the sound stage wall: I Corinthians 9:22—"I am made all things to all men, that I might by all means save some."

Performance Hall contains classrooms for dramatic production courses, a design studio and a 150-seat laboratory theater designed to present student productions in proscenium, arena or thrust-stage styles. Also housed in this area are music practice facilities for women students.

William J. Barge Memorial Hospital is licensed as a privately-owned educational institutional infirmary and serves as a hospital and infirmary (University Health Services) for the faculty, staff and students. It has a pharmacy, X-ray department, clinical laboratory and physiotherapy unit. The hospital also houses the University's Cancer Research Laboratory.

Residence Halls at Bob Jones University are staffed by a residence hall supervisor and residence hall counselor. There are five men's and five 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 a telephone and 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, and some residence halls are equipped with handicapped access. In order to keep the facilities up to date, one residence hall each year is totally refitted, including plumbing, electrical, furniture and other necessary upgrades. In addition to this major refurbishing, each residence hall is repainted and recarpeted as needed. To aid campus security, certain residence hall doors are accessible only by student ID card, and all outside entrances to the women's residence halls are monitored by video surveillance equipment.

Spacious covered walks connecting most of the major buildings provide protection from the weather for students moving from one building to another.

The **University Cleaners** does the linen service for the Dining Common, Barge Memorial Hospital, and the Child Development Center, as well as dry cleaning, laundry and shirt service for the faculty, staff and students.

Student Life

Attendance

For the purpose of leaving the city of Greenville, a student may be absent from class attendance according to the attendance policy, if his academic average is satisfactory and if the proper permission has been secured. No student may be away during the following times:

- (1) within three weeks following the beginning of first semester,
- (2) the ten days before Thanksgiving break begins,
- (3) within three weeks of Christmas vacation,
- (4) within two weeks following the beginning of second semester,
- (5) during the Bible Conference week,
- (6) within three weeks of Commencement.

Teachers may require that class work be made up in advance if classes are missed.

A student is required to attend all classes, assemblies, etc., unless he is otherwise excused; and he is required to be on time. The details of the regulations regarding these matters are amplified in the Student Handbook which is distributed each year to the students.

Housing

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 bed linens, twin bed mattress cover, blankets, pillows and towels. We suggest that students wait until they arrive before purchasing minor room furnishings such as curtains. Students may bring their musical instruments.

Freshman and sophomore residence hall students under 21 years of age may have a car which, with the proper permission, may be used only on weekends for extension or trips home. University freshmen and sophomores who have had at least two full years of active duty in the armed forces or two full years in some other educational institution will be granted an exception.

BJU, through the Office of Student Services, lends all possible assistance to married couples in locating housing in the area.

Standards of Conduct and Discipline

Bob Jones University, as a Christian institution,

expects that its students shall not only live lives that are above reproach but that they shall also exemplify Christian unselfishness and kindness in dealings with faculty and fellow students. Attendance at Bob Jones University is a privilege and not a right. If on the basis of the University's judgment a student's spiritual response, character, or conduct is considered to be sub-Christian or sufficiently spiritually deficient as to make him unworthy of the privilege of holding a degree from this Christian university, BJU retains the right to deny that student further enrollment or to deny him his degree.

Discipline at Bob Jones University is administered by a committee composed of members of the student body and members from the Dean of Students staff. Discipline is administered on a demerit basis. One hundred demerits restrict a student to the campus, and 150 demerits automatically expel a student. Each year about one-third of the students receive no demerits whatsoever against their records.

Student Activities

Artist Series and Recitals

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

Bible Conference

The annual spring Bible Conference is one of the outstanding features of the university year. Extending for six 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, which takes the place of a spring vacation.

BJU Heritage Day

One day is set aside each year in late 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. This special day of remembering God's work concludes with a banquet in the Dining Common.

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 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 the meetings of various societies.

Day of Prayer

Once each semester, classes are canceled and a day is devoted to prayer and praise. The schedule varies, but includes sessions where students and faculty and staff members gather by groups to share requests and pray.

Debate

In addition to making important social, spiritual and intellectual contributions to the student, the societies are the basis of many extracurricular activities, such as intramural debate. For the debate competition, each society has opportunity to participate in several elimination contests throughout the school year to determine the winner of the BJU cup, which is awarded at Commencement. The societies usually take as their question the national debate topic for universities and colleges. BJU also sponsors debate teams which compete in the National Educational Debate Association tournaments several times throughout the year, and these teams have achieved an enviable record.

Extension

An extension is an off-campus ministry in which students spread the Gospel in the community and surrounding region. Through the University's 300 extension groups, 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.

Missions Emphasis Week

One week in the school year is set aside for a special missions conference called Missions Emphasis Week. BJU brings to its chapel platform outstanding missionary speakers for this event. Representatives of many well-known fundamental mission boards come

to the conference to promote missions and to confer with potential missionary candidates.

Scholastic Bowl

University societies compete in this intramural competition culminating in the championship clash before a university-wide audience during Commencement week. 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 program.

Society Athletics

Though BJU does not participate in intercollegiate athletics, it sponsors, through the societies, a well-integrated program of intramural athletic competition. The societies are divided into four leagues, two for men (American and National) and two for women (American and National). Because this organizational setup calls for 21 men's teams and 23 women's teams for each sport, an exceptionally high percentage of student participation is possible. The competition includes a variety of team and individual sports, such as soccer, basketball, softball, volleyball, tennis, 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.

Soul Winning 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 family leaves motivated to use their opportunities to win souls for Christ.

Sunday Evening Worship

All students are encouraged to attend Sunday evening worship at an independent, fundamental church in the local community.

Sunday Morning Worship

The Sunday morning worship service is a regular feature of the religious program. Every residence hall student (except students who are away conducting services) is required to attend the worship service. There is a church choir which presents special music, and the message is brought by the president or some member of the BJU faculty or staff.

Sunday School

Sunday school is held on the campus each Sunday. Classes are formed according to society membership,

and the teachers are chosen by the students from within the individual societies. The Sunday school classes are able to have outreach ministries into the surrounding area through the society extension programs.

Vespers

Presenting faculty and students in a sacred program, the Vespers service is probably the best known of all religious services of Bob Jones University. Occasionally, a religious drama is presented. These services, both devotional and cultural, attract many visitors and are on several Sundays during the school year.

Student Organizations

Art Forum

The Art Forum exists to give art students opportunity to gain 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 school year.

Bands

Concert Band: This organization of approximately seventy players performs literature from the standard concert band repertoire and performs at least two major concerts each year.

Symphonic Wind Band: This organization of approximately fifty players is devoted to performance of the finest concert literature, both secular and sacred, for winds and percussion. The Wind Band performs at least four concerts each year, in addition to recording, touring regularly and performing in Vespers.

Membership in both bands is open through audition to all students.

Choral Program

The choral program at BJU exists to support the growth of the Christian student into the image of God and to equip him 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 eight choirs: University Singers,

Conductors Chorus, Collegiate Choir, Concert Choir, Lyric Choir, Men's Glee Club, University Chorale and Chamber Singers. Performances include concerts of standard choral literature and church music, Vespers and Sunday morning worship services, oratorio and the annual opera, and the Commencement Concert. Each participant will have the opportunity to reach his individual technical and artistic choral potential within a program that strives for the highest level of musical excellence.

Classic Players

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

The Collegian

Bob Jones University's student newspaper, *Collegian*, was founded in 1987 as a journalism lab, offering students hands-on experience in producing a weekly publication. Students write and edit articles, design the layout and take photographs for the paper. Stories in *The Collegian* focus on campus news, personalities and student life, helping to unify the large and diverse student body. The paper is distributed free on campus and on the Internet.

Community Service Council

Community Service Council is an organization made up of students who volunteer their time to various service projects in the community. In the past years they have been engaged in cleaning up area parks and the Greenville Zoo, collecting funds for the Heart Fund and other charitable organizations, as well as sponsoring an on-campus blood drive. The CSC has received local, state and national recognition for its volunteer contributions to the City of Greenville.

Criminal Justice Association

The Criminal Justice Association exposes interested students of all majors 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.

Family and Consumer Sciences Forum

The Family and Consumer Sciences Forum is the official organization for students within the Family and Consumer Sciences majors and minors. The forum leadership strives to promote the scriptural qualities of the virtuous woman and familiarize students with a myriad of family and professional opportunities within FCS. Noted FCS professionals and BJU graduates are brought to the Forum to enhance students' understanding of their future roles as godly women, wives, mothers and/or members in the FCS profession.

Instrumental Ensembles

Several permanent chamber ensembles provide opportunity for specialized performance by qualified instrumental students. These include a woodwind choir, flute choir, trombone choir, horn choir, tuba-euphonium choir, trumpet choir, handbell choir, chamber strings and percussion ensemble. In addition, a number of smaller chamber groups are formed during the year.

Inter-Society Council

The Inter-Society Council is composed of the president and vice-president of each society. The purpose of Inter-Society Council is to oversee 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 periodically for ideas, seminars, discussions, fellowship and refreshment. The purpose of societies is to advance BJU's mission of developing Christlike character by fostering peer relationships focused on serving God, one another and the world around the students.

Ministerial Class

This association is composed of university men students preparing for a full-time Christian ministry. The ministerial class is led by the Director of Ministerial Training and meets each week for instruction. The university chancellor, president and other leading fundamental religious leaders of the world address this class. Besides specified reading and class work, each student engages in practical ministerial work during the school year and in the summer months.

Mission Prayer Band

Bob Jones University is known throughout the Christian world for its missionary emphasis. Each year a large number of students from various majors express interest in participating in some aspect of world evangelism. Mission Prayer Band is a natural

result of this interest. The purpose of Mission Prayer Band is to stimulate missionary zeal and vision on the campus. The principle way that students accomplish this is by holding collective prayer meetings four times a week to pray for specific needs of the missionaries. They also involve every residence hall prayer group on campus by providing each one information about a missionary family and encouraging interaction with them throughout the semester.

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. Students prepare throughout the year and raise their own financial support. Teams go to various countries spanning the globe using trade skills, aviation ministry, 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.

Mock Trial Team

Through intercollegiate competition, BJU's Mock Trial team introduces students to the drama of the courtroom. Each fall, upon receiving new case materials from the American Mock Trial Association, members begin preparing two cases, one for the state and one for the defense. Lawyers analyze witness statements and prepare questions for direct and cross examination, while witnesses immerse themselves in the characters they will represent. Whether as lawyers or witnesses, team members sharpen their ability to think critically and communicate with conviction. In so doing, they equip themselves not merely for the courtroom but for Christian life.

Modern Language Club

The Modern Language Club is an organization composed of students taking courses in French, German and Spanish. It is the purpose of the club to stimulate an increased interest in the foreign languages and culture. In an informal atmosphere of entertainment, discussion, games and reports, the student gains valuable information and insight in the furthering of his knowledge and language skills.

Opera Association

Opera productions are presented each year, 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.

Orchestra

The BJU orchestra presents a concert each semester as well as oratorio and opera performances and appearances on the vespers programs. In addition to the standard symphonic repertoire, the orchestra also performs special assignments such as recording for films. Membership is open through audition to all students.

Premed Forum

The PMA exists to provide students with a vision of the many facets of medicine and dentistry. To this end the monthly newsletter and Premed Forum meetings aim to make students aware of current trends and issues within the medical and dental fields. Speakers at the Premed Forum 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 in the process of medical or dental school application and admission.

Societies

There are no fraternities or sororities on the Bob Jones University campus, but there are 45 societies. Every student is eligible for membership in one of these groups. Officers are elected each semester within each society.

Societies meet weekly for service activities, fellowship and entertainment. Society officers plan special activities for the society, including weekly prayer meetings, a dating outing and an outing for members only.

Societies for men are: Alpha Omega Delta, Alpha Theta Pi, Basilean, Beta Gamma Delta, William Jennings Bryan, Chi Alpha Pi, Epsilon Zeta Chi, Kappa Sigma Chi, Kappa Theta Chi, Sidney Lanier, Nu Delta Chi, Omicron Epsilon Chi, Phi Beta Chi, Phi Kappa Pi, Phi Sigma Chi, Pi Gamma Delta, Pi Kappa Sigma, Sigma Alpha Chi, Theta Chi, Theta Kappa Nu and Zeta Alpha Pi.

Societies for women are: Alpha Gamma Tau, Alpha Sigma Omicron, Beta Chi Omega, Beta Epsilon Chi, Chi Epsilon Sigma, Chi Kappa Delta, Chi Sigma Phi, Chi Theta Upsilon, Gamma Chi Tau—Gaston, Nu Alpha Phi, Pi Delta Chi, Pi Theta Epsilon, Sigma

Kappa Rho, Sigma Lambda Delta, Tau Delta Chi, Theta Alpha Chi, Theta Delta Omicron, Theta Mu Theta, Theta Pi Delta, Theta Sigma Chi, Tri Epsilon, Zeta Tau Omega and Zoe Aletheia.

Zeta Kappa Chi is an optional society for students 23 years of age and above.

Student Leadership Council

The Student Leadership Council 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 school year. The university student body elects officers for the Student Leadership Council each year.

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 with their peers from other colleges and universities a testimony for Christ. Membership in the Bob Jones University delegation is open to students of all academic majors and is determined through competitive interviews conducted during the spring semester.

University Business Association

The primary purpose of the University Business Association (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. The UBA provides fertile ground for the development of Christian men and women who are called to the Ministry of Business.

University Educators Association

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 various academic programs. This organization provides opportunities for all education students to secure leadership training and many professional contacts. Each of the professional education

departments elects representatives to serve as officers, and some of the departmental meetings are part of the UEA programming. All prospective teachers are urged to become members of UEA. Two major activities are 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. The second program is a day-long field day conducted in the spring for the students at Bob Jones Elementary School.

University Ministry Teams

Student groups carefully selected for their vocal, instrumental or speech abilities, tour throughout the United States for several months each year representing BJU through unique presentations of sacred music and Christian drama.

264 University Nursing Association

The UNA is an organization of nursing students that exists to provide fellowship among nursing students of various academic classifications, to organize activities, to promote BJU 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.

Vintage Staff

The *Vintage*, “a season’s produce” by definition, is BJU’s yearbook. The staff, whose responsibility it is to produce this annual publication, is composed of students from varied academic divisions and classifications. 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 the spring semes-

ters in any regular school year will receive a copy of the *Vintage* without charge.

WBJU

WBJU-FM is BJU’s student-staffed campus radio station. The station broadcasts seven days a week to provide the student body with a variety of sacred, classical and easy-listening music; as well as informative news and sports talk programming. The station is mainly staffed by students who have an interest in broadcasting. They are responsible for producing, scheduling, announcing and marketing the station’s content. Residence hall students may listen to WBJU on 104.5 FM.

WBJU-TV is the student-staffed television station. The station provides the campus with national, local and campus news plus sports highlights, weather and campus announcements throughout the day. The station provides students with opportunities to be anchors, reporters, producers and technical crew members on a variety of television programming produced in the Journalism and Mass Communication studios. Students may watch WBJU-TV at the Snack Shop, Fine Arts Center, Fastbreak, Fitness Centers and residence hall viewing areas.

WBJU-Online is the station’s website that is available over the campus intranet. Students can access news, weather and sports as well as information about WBJU advertisers and contests.

Student Opportunities

Students may develop their talents through participation in a wide variety of music and speech activities that are open to anyone at BJU, regardless of his major. The university stage productions, such as the Shakespearean plays, operas and fully staged vesper programs presented twice a month during the school year, utilize the music and speech talents of hundreds of students. The University’s film production unit, Unusual Films, often calls on the university student body for participation in the many aspects of motion picture production.

AUXILIARY MINISTRIES/SERVICES

Bob Jones University is pleased to offer to its university family and friends the services listed here. For further information, visit our website at www.bju.edu, call the department at the extension listed following each description, or write to the following address. All departments are located on the campus of Bob Jones University, Greenville, South Carolina 29614, 864.242.5100.

Academic Success Center

The Academic Success Center seeks to enhance student learning and academic success by providing students with a variety of resources to reach their academic goals. It coordinates academic services for students that include academic counseling, learning strategy coaching, time management coaching and coaching in related skill areas (i.e., study skills, reading skills, writing skills, technology skills, subject matter skills, etc.) to help students make the most of their educational opportunities.

The center facilitates the LASSI Study Skills Test which helps students identify areas of weaknesses in their present approach to studying. Additionally, the office maintains a list of upperclassmen with high grades who are willing to tutor other students in specific areas. Students may hire these tutors on an individual basis.

Career Services Office

Career Services offers students seven distinct services including: 1) Testing—Strong Interest Inventory, 2) Counseling—decision making, choosing a major job searching; 3) Workshops in résumé writing, interviewing and job-hunting tips; 4) Résumés are critiqued; 5) On-Campus interviewing and recruiting events—the office coordinates all on-campus interviewing, the Job Fair, the Christian School Recruitment Conference and the Ministry Market; 6) Resources include interviewing, résumé and letter writing books, 7) Web-based placement service (CareerCentral) that helps students network with employers (ext. 2007).

Contests and Awards

Music, speech, art and literary contests are held each spring. Medallions are awarded to contest winners in art, brass, dramatic reading, duo-acting, extemporaneous essay, original oratory, photography, piano, poetry, strings, men's voice, women's voice and woodwinds. A Bible is presented to the winner of the Ministerial Sermon Contest. In addition to these

competitions, other awards include society awards; the Chancellor's Award, given to the outstanding senior ministerial student; the Founder's Awards, presented to a young man and a young lady prayer captain 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; awards presented to the outstanding elementary student teacher, secondary student teacher and special education student teacher; American Legion Awards, presented to two seniors for outstanding citizenship; scholastic awards to the student with the highest academic average for the school year and to the graduating senior with the highest academic average. Individual awards for excellence are also given in the various academic disciplines.

Instructional Technology Services

Instructional Technology Services exists to assist students and faculty members with their audiovisual needs, creating charts, posters, lettering, laminating, transparencies and multimedia presentations through the Production and Technology Centers. The Technology Center consists of laptop computers, scanners, video capture devices, CD recording devices, DVD players and DVD recording devices. Software for Web design, graphic editing, video editing, multimedia authoring and creating PDF documents is also available for faculty and student use. In addition, Instructional Technology Services circulates audiovisual equipment for classroom use. Equipment includes VCRs, laptops, TV monitors, CD players, DVD players and data projectors.

Learning Resource Center

The Learning Resource Center (LRC) serves students with disabilities, including specific learning disabilities, attention deficit disorder, and physical/sensory/health impairments. The LRC helps students better understand their disabilities and provides instructional modifications and accommodations. The LRC is staffed by professors in the department of Special Education with the assistance of upper-level undergraduate students in the special education major. To receive services from the LRC, students must provide an evaluation report from a qualified examiner or a statement from a physician that documents their disability. Only evaluations conducted during the student's enrollment at BJU or within the three-year period prior to the student's initial admission will be

accepted. The LRC supervisor grants permission to receive services from the LRC. Those who have been diagnosed with learning difficulties may register each semester for help offered by the LRC personnel. An individual plan for help with

Overseas Summer Study Tours

During four years of study at Bob Jones University, a student has the opportunity of participating in summer study tours. These tours, offered in successive summers, include the Reformation Tour, conducted by Dr. David Fisher; the Mayflower Tour of England and Holland, conducted by Dr. David Beale; the Early Church History Tour to Turkey, led by Dr. Gary Reimers; the International Business Tour of Europe; a Drama and Theater Tour of Greece, Italy, and England and a Russian Art and Culture Tour, led by Drs. Bill and Janie McCauley; and a Bible Lands Tour, conducted by a member of the Bible faculty.

Students may receive up to three semester hours of credit for each of these tours that can be applied toward their graduation requirements.

Student Ministries

Students are available to help in churches and Christian organizations with children, youth, music and visitation. The church or organization should be within reasonable driving distance of the campus. Call the Extension Office (ext. 2851).

Student Work Program

Over 2,200 students participate in the work program to help pay their school bills. A variety of jobs are available in many campus departments such the Dining Common, Campus Store and Facilities Management. Students not only earn extra money, but also gain valuable work experience, sometimes in an area related to their major

Alumni Association

Bob Jones University Alumni Association is composed of graduates, former students and friends of BJU who are eligible for membership. Consistent with its stated purpose, the organization encourages and supports BJU in preserving and fulfilling the spiritual and academic mission set forth by the founder and serves the alumni with over thirty membership benefits. The activities and accomplishments of the alumni appear in the publication *Voice of the Alumni* which is circulated to members. The director of Alumni Relations divides his time between working with the officers of the association on campus and serving our alumni in the field. A reception and annual business meeting are held at Bible Conference. The association sponsors class reunions, gives annual cash grants to

alumni children and presents various awards to outstanding, faithful alumni. **For additional information contact the Alumni Association (ext. 3152), or e-mail alumni@bju.edu.**

BJU Press

BJU Press exists to support and extend the ministry of Bob Jones University and to be the premier provider of Christ-centered resources for education, edification and evangelism.

BJU Press exhibits Bob Jones University's commitment to quality Christian education in the materials it produces. These materials are produced by BJU faculty and staff members and are available to Christian educators around the world. **For information, please call 800.845.5731 or visit www.bjupress.com.**

BJU Press Products and Services

Materials for Christian Schools. BJU Press is a major publisher of educational materials for Christian schools, producing biblically sound, attractive and educationally effective student and teacher materials for all academic areas, Bible, and many elective courses.

Materials for Homeschools. Those who have chosen home education look to BJU Press for materials and assistance. BJU Press personnel also give workshops for homeschool groups.

JourneyForth Books. BJU Press provides read-along books, novels, biographies of great Christians, Christian living titles, professional teaching books and Bible studies as well as books of general interest to Christians and for readers from preschool through adult.

Bob Jones University Press is the name of the scholarly imprint that publishes commentaries and other works on biblical themes.

Distance Learning. BJU Press Distance Learning is available for grades K through 12 on hard drive, on DVD or online. **For information, please call 800.845.5731 or visit www.bjupress.com.**

The Academy of Home Education (AHE) is a service organization for homeschooling families. Services are available for grades 1 through 12 and include maintaining permanent student records, annual achievement testing, formal transcripts, a high school diploma validating a student's secondary studies, high school fine arts competitions, a junior class trip and commencement events. **For information please call 800.845.5731.**

Passport Learning is a computer-based reading diagnostic and acceleration program for everyone, from grade 2 through adult. This program assesses specific reading-skill difficulties and tailors a course

of computer instruction to reinforce key skills. Passport Learning is offered through nationwide learning centers and to homeschoolers through the Passport Learning Office at BJU Press. **For more information call 866.727.7576 or e-mail passport@passportlearning.com.**

SacredAudio is the source for downloading conservative Christian music. For more information go to SacredAudio.com.

SoundForth has been dedicated since 1990 to providing traditional music for churches, schools, home education groups and individuals. **For more information and to order products, call 800.258.7288 or email soundforth@soundforth.com.**

BJU Press Testing & Evaluation offers home educators and small private schools an opportunity to test their students with a variety of reliable and nationally recognized tests. Our testing services are fully authorized and approved by the test publishers to offer academic and learning abilities tests. We also offer a variety of other resources to enhance your students' educational experience. **For more information, call 800.845.5731 or 864.242.5100, ext. 3300.**

BJU Press offers the following customer support services:

Textbook Examinations are available on a 60-day, no-obligation textbook examination program for conventional schools.

Customer Support is readily accessible by calling 800.845.5731 or e-mailing bjupinfo@bjupress.com. Customers may ask questions and offer comments on BJU Press materials and services.

BJU Press offers several support programs throughout the year:

Teach-the-Teacher brings teachers from selected schools to the Bob Jones University campus to discuss methods and materials with textbook authors, to observe classroom teachers using BJU Press materials and to see just what the Press and the University are really like. BJU Press provides the meals and lodging for this two-day stay. **Call 800.845.5731, ext. 3291, or e-mail bjupinfo@bjupress.com.**

New Beginnings/Christian School Management Seminar is a Christian educators' conference for teachers, administrators and home educators. Held in July at BJU, it offers workshops and discussions on hundreds of topics. **Call Guest Reservations, 864.242.5100, ext. 3120, or e-mail reservations@bju.edu.**

Partnership Program is a means of providing all or partial tuition to the children of Christian school faculty who work in schools that are customers of BJU Press. **Please contact Mr. Chris Baker, 864.242.5100, extension 3037, for details of the program and how your school can qualify.**

Leadership Development Program is for administrators and teachers. Those who wish to take specific postgraduate work in the School of Education may qualify for tuition assistance if their schools are customers of BJU Press. **Contact Mr. Chris Baker 864.242.5100, extension 3037, for details.**

Administrators Visits (V.I.P. Program) are by invitation to administrators from Christian schools to become acquainted with BJU Press philosophy and its academic and financial structures. Participants visit elementary and secondary classrooms, meet with administrators, and discuss curriculum materials with the Press marketing staff and writers. BJU Press provides the travel expenses, meals and lodging for this two-day program. **Call 800.845.5731, extension 3291, or e-mail bjupinfo@bjupress.com.**

BJU Press offers the following education support resources:

Our **Educational Consultant** can help fine-tune a Christian school with workshops for in-service training for teachers, problem solving, general or specific-area school evaluations, teacher evaluations, administrative counseling and advice on beginning a Christian school. **Call 800.845.5731, extension 3310.**

Workshops and Demonstration Teaching for Christian Schools are available with specialists from BJU Press. **E-mail bjupinfo@bjupress.com for information.**

Center for Distance Learning

The Center for Distance Learning offers online and independent learning university-level courses taught by the faculty of the University. These distance learning courses are designed for students who desire a flexible schedule, who cannot attend classes on campus, or who desire to further their education through independent study. As much as possible, the content of the courses are identical to the same course offered in residence—only the method of study is different.

Independent Learning courses offer the greatest degree of flexibility. The student sets his own deadlines as he works through the course and has up to one year to complete it.

Online courses offer flexibility along with accountability. They generally last six weeks and include weekly deadlines for individual assignment completion. They are primarily asynchronous, allowing the student to set his own schedule for listening to lectures and participating in discussions.

Online courses also offer the advantage of increased interaction with faculty members who track the student's involvement in the course.

Students desiring to reduce the time required to obtain a degree may take advantage of the Early

Admissions Program or the Degree Achieved in Reduced Time (DART) programs.

Former students who have been out of school for at least five years and who desire to finish their degree may do so through the **Degree Completion Program (DCP)**. After acceptance into the program, a check-sheet will be established to determine which independent learning courses may be taken to complete an Associate or Bachelor of General Studies degree or a Bachelor of Arts in Practical Christian Training degree.

Institute of Biblical Education (IBE)

IBE is a structured Bible study program designed for both individual and group study, available in printed, DVD or online formats. Each unit of material offers a user-friendly study guide and a leader's guide which makes IBE courses especially useful in church and missionary ministries such as Sunday schools, Bible institutes and discipleship programs.

The program is comprehensive covering every section of the Old and New Testaments and every major doctrine of Scripture. In addition to the spiritual benefit from studying God's Word, each participant will receive a certificate for each unit and the opportunity to pursue several other achievements.

For further information about our Center for Distance Learning programs, call our toll-free number 888.253.9833, e-mail distance@bju.edu, or write: Center for Distance Learning, Bob Jones University, Greenville, SC 29614.

Outreach Ministries

Realizing the ever-increasing need to keep Christians informed on the issues of the day, Bob Jones University sends informed speakers and teams throughout the year to conduct seminars, evangelistic crusades, youth rallies, etc. Music and Drama Teams as well as various members of the faculty and staff travel throughout the United States ministering in churches and Christian schools. These ministries are available to those who are standing true to the Lord Jesus.

Business Luncheon

The School of Business Administration sponsors a business luncheon giving Greenville professionals an opportunity to hear instruction from God's Word, accompanied by a great meal prepared by the Culinary Arts students. The luncheons are held the first Thursday of the month from October to December and February to April. A faculty member presents the Bible study each month. For more information contact Public Relations at 864.242.5100; ext. 4206 or e-mail public@bju.edu.

Community Service Council

Community Service Council is an organization made up of students who volunteer their time to various service projects in the community. The CSC has received local, state and national recognition for its contributions to the City of Greenville. **For additional information contact the Lead Coordinator of Student Organizations at 864.242.5100, ext. 2157.**

Computer Science and Science Teams

A computer science or science professor and BJU students travel twice a year to present informative, exciting lectures and demonstrations in Christian schools for the purpose of encouraging teachers toward excellent, topical teaching of computer science or science and in promoting students' interest in these fields. **Call Student Recruitment at 864.242.5100, ext. 4214, or e-mail recruit@bju.edu.**

Farm Fest

Every fall, Bob Jones University invites all interested 7th–12th graders for a day of good, old-fashioned fun. Teenagers play for prizes at several game booths, hear inspirational music and listen to a youth evangelist preach God's Word. **For more information contact Guest Services at 864.242.5100, ext. 4208, or e-mail guestservices@bju.edu.**

Friendship Dinners

These gatherings of BJU alumni and friends take place in select cities once every two years. The host for the evening is the University's president or chancellor. The meal is followed by a presentation of the Lord's ongoing work at BJU, a testimony from a current student or staff member, and the evening closes with a short challenge. These dinners serve to maintain contact with those burdened for BJU's ministry and provide an opportunity to meet new friends and future students. **For information on the schedule, contact Executive Events 864.242.5100, ext. 4204, or e-mail acrockett@bju.edu.**

Ministry Teams

Vocal, instrumental and drama groups travel throughout the United States. These six-member teams are available for churches and Christian schools. **Call the Ministry Teams secretary at 864.242.5100, ext. 4245, or e-mail recruit@bju.edu.**

Pastors Visits

Several times each year BJU flies pastors to campus who have not visited the campus before. They experience two days of campus life at BJU, spending time with administrators, executives, department heads and

students. **Contact Jim Russell, 864.242.5100, ext. 4215, or e-mail recruit@bju.edu.**

Placement Services

BJU welcomes inquiries from churches, schools and businesses seeking names of BJU graduates for prospective candidates for staff or administrative positions. Churches seeking prospective pastoral or pastoral staff candidates should contact the Ministerial Training and Extension Office (ext. 2851). **For prospective teachers, administrators or other employees, contact Career Services at 864.242.5100, ext. 2007 or e-mail careers@bju.edu.**

Pulpit Supply and Interim Pastors

Faculty and staff members are available to teach and preach in churches within weekend driving distance. **Call the Extension Office 864.242.5100, ext. 2851.**

Radio Programs

Daily and weekly radio programs from Bob Jones University are heard on stations across the country. These include *Homeschool Helper*, *Treasury of Great Hymns* and the teaching ministries of Dr. Bob Jones Sr. and Mrs. Beneth Jones. For a list of stations and times on which these programs can be heard in your area, go to www.bjuradio.com or call 866-BJU-RADIO and ask for a station guide. **If you would like your local station to carry these programs, have the station manager contact SendForth Media at 864.242.5100, ext. 2732 or e-mail sendforth@bju.edu.**

Speakers' Bureau

Over 900 workshops done by more than 100 faculty and staff members are available to be given at educators' conventions or school in-service programs. The topics are designated by early childhood, kindergarten, elementary, junior high, administrative or office personnel sessions. Listings of workshops and speakers are available at www.bju.edu/reources/speakers. **Please contact the Speakers Bureau and speakersbureau@bju.edu, to schedule a workshop or speaker.**

Staff Evangelist

Mike Shrock is available to preach for half-week or weeklong church meetings and at Christian schools, banquets, camps and retreats. This ministry is available on a love-offering basis, including expenses. **Contact Student Recruitment at 864.242.5100, ext. 4214, or recruit@bju.edu for more information.**

Student Ministries

Students are available to help in fundamental churches and Christian organizations with children, youth, music and visitation. The church or organization should be within reasonable driving distance of the campus. **Call the Extension Office at 864.242.5100, ext. 2851.**

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. **For more information contact Admission at 1.800.252.6363.**

Summer Educational Opportunities

BJU has a comprehensive summer school program for those who want to earn college credits in the summer and/or those in certain specialized fields who desire to be stimulated with a fresh approach to their area of interest. Included are three four-week summer sessions for undergraduate and graduate programs; a missionary linguistics program; graduate work for pastors, Bible teachers, church musicians, and Christian workers; graduate education; and the master and doctor of ministry, and doctor of pastoral theology programs. **Write the Director of Admission, call toll-free 1.800.BJ.AND.ME, or e-mail admissions@bju.edu.**

University Representatives

BJU representatives are available year-round to preach in church services, homeschool support groups, or school chapels and to hold teen rallies, present BJU or provide numerous other services. **Contact Student Recruitment at 864.242.5100, ext. 4214 or e-mail recruit@bju.edu.**

Seminars & On-Campus Events

Bible Conference

Recognized as America's leading Bible conference for fundamental Christians, this six-day spring event draws distinguished guest speakers and thousands of visitors from every section of America. **Call Guest Services at 864.242.5100, ext. 4208, or e-mail guest-services@bju.edu.**

Campus Visits

A visit to Bob Jones University will give any person a good overview of BJU and campus life. The best times for prospective students to visit are during our annual Bible Conference and Opportunity Days. Of course, campus visits are welcome throughout the year and BJU is pleased to provide residence hall accommodations for prospective students in the ninth grade and above, former students, parents of presently enrolled students and sponsors accompanying young people who stay in the residence hall. **For more information concerning residence hall guest reservations, call Guest Services at 864.242.5100, ext. 3120, or e-mail events@bju.edu.**

Christian School Recruitment Conference

Each February up to 150 principals from Christian schools all over the world attend this two-day conference to recruit BJU students for various jobs in the field of Christian education. Both seniors and underclassmen have the opportunity to meet individually with principals and pastors. The conference is hosted by the Career Services office and the School of Education.

Christmas Carol Sing and Lighting Ceremony

Thousands of students, friends, faculty and visitors gather around the front campus fountains for the annual lighting ceremony each December. The evening includes carols led by a university choir director and a devotional, and it culminates in the illumination of nearly 200,000 Christmas lights.

High School Festival

The festival held each fall allows high school students to fellowship and compete in music, speech and art contests with Christian young people from all over the country. They benefit from both the Christian atmosphere of BJU and the special clinics and workshops conducted by faculty members. **Call Guest Services 864.242.5100, ext. 4208, or e-mail guestservices@bju.edu.**

High School Preaching Conference

Young men in grades 9–12 are welcome to participate in the preaching conference each fall. It is held in conjunction with the High School Festival. **Call Guest Services at 864.242.5100, ext. 4208 or e-mail guest-services@bju.edu.**

Invitational Basketball Tournament

BJU annually holds an invitational basketball tournament for Christian high school teams. The tournament is held in January. **Call Guest Services 864.242.5100, ext. 4209, or e-mail guestservices@bju.edu.**

Job Fair

The Career Services hosts the annual Job Fair each spring. Around 50 companies set up displays in the Riley Reception Room to meet with prospective employees. Students can visit with representatives to set up job interviews or to get advice that will help them decide which career path to follow.

Living Gallery: An Easter Celebration

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. **For ticket information, contact Programs and Productions at 864.770.1372 or visit www.bjung.org.**

Missions Emphasis Week

The Office of Missions hosts our annual Missions Emphasis Week each fall. Numerous mission boards set up displays in the Riley Reception Room to meet with students. Throughout the week, many of the mission board representatives are featured speakers in various classes, and our student Mission Prayer Band. **Call the Director of Missions at 864.242.5100, ext. 8044.**

New Beginnings/Christian School Management Seminar

All areas of curriculum and administration will be addressed in this in-service program for Christian teachers, administrators, pastors and homeschool parents. Members of the BJU faculty, among the most talented and knowledgeable Christian educators in the world, will conduct sessions. This conference is held in August. **Call Reservations at 864.242.5100, ext. 4213.**

Opportunity Days

Prospective students are welcome on campus at any time, but Opportunity Days is held especially for them twice a year. **Call Guest Services at**

864.242.5100, ext. 4213 or e-mail guestservices@bju.edu.

their display booths in the Riley Reception Room. The conference is hosted by the Extension Office.

Prospective Student Trips

Each semester BJU schedules motor coach trips to the campus from major population centers so that prospective students can see Bob Jones University for themselves. During the two-day visit, teens attend classes, chapel, society meetings and athletic games. Plane trips are scheduled to depart from cities outside the range of coach travel. **Please contact Student Recruitment at 864.242.5100, ext 4214 or e-mail recruit@bju.edu.**

SMART Program

SMART (Sharing Masterworks of Art) is an educational outreach program designed to enhance 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. The program serves secondary students in the community by hosting them for the last dress rehearsal of each Shakespearean play presented on campus. **For more information contact Programs & Productions at 864.770.1372.**

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 mental disabilities in this international athletic program. Since 1990 BJU has hosted and sponsored Washington Center Day, a developmental event for the students with severe/multiple disabilities from Greenville County's School District's Washington Center. The School of Education in collaboration with the Greenville

County Recreation Department, and other local businesses coordinates and supports this event.

Summer Camps

Each summer children and teens in grades 4–12 participate in summer camps featuring art, basketball, music, soccer, drama, volleyball and more. **For a camp brochure call Guest Services at 864.242.5100, ext. 3120, or e-mail guestservices@bju.edu.**

Summer Ministry Conference

Each fall BJU hosts a Summer Ministry Conference. Over 30 Christian camps and other children's and youth evangelistic organizations recruit summer workers from our student body. These organizations spend several days promoting summer ministry opportunities while interacting with students at

Campus Services

Campus Store

The BJU Campus Store is your primary resource for textbooks. They also offer a large selection of Bibles, Christian books, secular and Christian music, and educational materials you can trust, as well as BJU memorabilia, school supplies, computers, software, laundry products, and health and beauty aids. Visa, MasterCard, Discover and American Express credit cards as well as checks and money orders are accepted. **Call at 864.770.1380, or 800.252.1927, e-mail store@bju.edu, or visit www.BJUCampusStore.com**

Career Services

Career Services provides career development and placement services to the students and alumni. Students who are unsure of their career path can benefit from career testing and counseling. The office personnel also instruct students in résumé writing, interviewing skills and job search techniques. The staff manages CareerCentral, BJU's Web-based placement service. **The Career Services office is the liaison between students and recruiters at 864.242.5100, ext. 2007 or e-mail careers@bju.edu.**

Concert, Opera & Drama Series

Some of the highlights of each school year are the Artist Series programs, featuring renowned guest artists as well as BJU talents. **For information on season subscriptions or tickets for individual performances, call Programs and Productions at 864.770.1372.**

Elementary School, Junior High and Academy

With a warm spiritual atmosphere, excellent cultural advantages, ample opportunities for social enrichment and the highest academic standards, these schools offer vital training to young people in grades K4–12. **Call the respective schools 864.242.5100 (Elementary—ext. 6200; Junior High—ext. 6300; Academy—ext. 6400 or 1-800-BJ-AND-ME).**

Fundamentalism File

The Fundamentalism File provides information on religious topics or secular topics with a religious perspective. **Call 864.242.5100, ext. 6020, or e-mail file@bju.edu for assistance.** There is a charge for photocopying, in addition to postage and handling.

Mack Memorial Library

The staff of the campus library will do general

reference work to help in researching sermons and documenting information for articles to be written (864.242.5100, ext. 6015). Also, the Fundamentalism File makes information available about items of religious interest, apostate denominations and the history of Fundamentalism. Call 864.242.5100, ext. 6020.

Museum & Gallery

The Museum & Gallery collection is respected worldwide for its Old Master paintings from the 14th through the early 19th centuries, Russian icons, antiquities from the Holy Lands, sculpture and period furniture. It is open from 2 to 5 p.m. Tuesday through Sunday. **Guided tours are offered; call ext. 1053 for reservations.** A modest admission fee is charged: adults \$5, seniors (60+) \$4, students \$3; children ages six through twelve enter free. Current BJU faculty, staff and students may enter at no charge with a BJU ID card. **Educational and cultural events are offered monthly; for more information visit www.bjung.org or call ext. 1053.** M&G is a valuable visual library for students, educators, art lovers and museum professionals to utilize as well as a museum of quality and beauty intended to delight the senses.

Office of Student Services

The Office of Student Services, located in the Office Annex, assists students with employment and off-campus housing. Those in the Student Work Program are assisted in locating on-campus employment and others can check the help wanted listings on the BJU intranet for information about off-campus jobs. The Office maintains a file on housing in the Greenville area for use by both students and graduates. In addition, students needing shuttle service to the Greenville-Spartanburg Airport at Thanksgiving break or at the end of a semester may check the BJU intranet for sign up instructions.

Publications

BJU Press

BJU's commitment to quality Christian education is exhibited in the textbooks written by its faculty and staff members and published by BJU Press. **A catalog is available from BJU Press. Call 800.845.5731 or e-mail bjupinfo@bjupress.com.**

A number of online publications of interest to Christian school administrators, teachers, and homeschool parents are available at www.bjupress.com/enews.

BJU Review

This free quarterly publication communicates what God is doing at BJU and in the lives of BJU students, faculty, staff and alumni. **To subscribe, call Constituent Services at 864.242.5100, ext. 3075, or e-mail constituent@bju.edu.**

The Collegian

Keep up with campus personalities, BJU news and student life by reading the weekly online student newspaper of Bob Jones University at www.bju.edu.

Sermon CD Subscription Service

The monthly subscription service consists of messages recently preached on the campus. **Call Audio Services at 864.242.5100, ext. 5790, e-mail audio@bju.edu or fax 864.770.1305.**

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