



MAJOR CHOSEN: COMPOSITE SCIENCE EDUCATION

I. A BRIEF DESCRIPTION OF THE MAJOR

We teach Science Education majors how to give young people an understanding of their place in the created universe and to develop an appreciation for the intricacies of creation.

II. COURSE HIGHLIGHTS

Here are some of the courses you will find especially profitable:

Instructional Technology This class will give you the opportunity to find out the latest in computer and educational technology. It will help you in the selection of computer hardware and educational software for your classroom. Through hands-on lab training, you will learn how to integrate educational technology into the normal classroom setting.

Teaching Natural Science In this class you will learn how to prepare lessons and meaningful demonstrations (experiments). You will also study the materials, methods, and procedures for teaching science and compile a list of resource materials to which you will be able to refer your students.

General Biology This course will give you the basics to understanding currently popular topics in biology, such as genetic engineering, cancer research, AIDS, etc. You will also study a proper Christian philosophy of science, origins, the scientific method, the basic chemistry of biology, the characteristics of living things, the limitations of science, and an introduction to the major topics of cell biology.

Directed Teaching Here you will have a chance to "try your wings" by teaching under the supervision of an experienced teacher. You will begin gradually and work into handling a teacher's normal load.

III. A TYPICAL YEARLY COURSE SEQUENCE

This is a suggested program of study for you. Other refinements to your program can be made when you consult your faculty advisor at the time of your enrollment.

You will notice that some courses are listed as electives. These electives give you the opportunity to tailor your program by selecting courses you would like to take for your own personal enjoyment.



Biology Emphasis

Freshman

Orientation	1
General Biology I	4
College Algebra	3
Old Testament Messages	1
Fundamentals of Speech	3
Introduction to Education.....	2
English Composition	<u>3</u>
Total	17

Orientation	1
General Biology II	4
General Geology	3
Computer Applications I	3
History of Civilization	3
New Testament Messages	1
English Composition	<u>3</u>
Total	18

Sophomore

General Chemistry I.....	4
Introductory Physics	4
Electronics I	3
History of Civilization	3
Classroom Communication.....	2
Sophomore Bible Elective	<u>1</u>
Total	17

General Chemistry II.....	4
Science: Impact on Society	3
Educational Psychology	3
Astronomy Elective.....	3
English Literature	3
Sophomore Bible Elective	<u>1</u>
Total	15

Junior

Essentials of Cell Biology.....	4
Botany	4
Bio-organic Chemistry I.....	4
Christian Family Forum.....	1
Instructional Technology	3
Practicum: Grades 9-12.....	<u>2</u>
Total	18

Invertebrate Zoology.....	4
Intermediate Physics	5
Bible Doctrines	3
Teaching Techniques (5-12)	1
Teaching Natural Science (9-12).....	3
Adolescent Psychology	<u>3</u>
Total	19

Senior

Trends and Issues in Society.....	3
Teaching Bible Principles	2
Assessment (5-12).....	2
Directed Teaching	<u>9</u>
Total	16

Bible Doctrines.....	3
Appreciation of Art	2
Appreciation of Music.....	2
Introduction to Exceptional Learners.....	3
Human Anatomy & Physiology Elective	4
Upper-Level Bible Elective.....	<u>2</u>
Total	16

Chemistry Emphasis

Freshman

Orientation	1
General Chemistry I	4
College Algebra	3
Old Testament Messages	1
Fundamentals of Speech	3
Introduction to Education	2
English Composition.....	<u>3</u>
Total	17

Orientation	1
General Geology	3
General Chemistry II	4
Computer Applications I	3
History of Civilization	3
New Testament Messages	1
English Composition.....	<u>3</u>
Total	18



Sophomore

General Biology I	4	General Biology II	4
Introductory Physics	4	Bio-organic Chemistry I	4
History of Civilization	3	Science: Impact on Society	3
Classroom Communication	2	Educational Psychology	3
Electronics I	3	Sophomore Bible Elective	1
Sophomore Bible Elective	<u>1</u>	English Literature.....	<u>3</u>
Total	17	Total	18

Junior

Bio-Organic Chemistry II	4	Intermediate Physics	5
Essentials of Cell Biology.....	4	Bible Doctrines	3
Christian Family Forum	1	Teaching Techniques (5-12).....	1
Instructional Technology	3	Teaching Natural Science (9-12).....	3
Practicum: Grades 9-12	2	Adolescent Psychology	3
Chemistry Elective.....	<u>4</u>	Chemistry Elective	<u>4</u>
Total	18	Total	19

Senior

Trends & Issues in Society	3	Bible Doctrines	3
Teaching Bible Principles	2	Appreciation of Art	2
Assessment (5-12)	2	Appreciation of Music	2
Directed Teaching	<u>9</u>	Introduction to Exceptional Learners	3
Total	16	Upper-Level Bible Elective	2
		Astronomy Elective	<u>3</u>
		Total	15

IV. FACILITIES, EQUIPMENT, AND OPPORTUNITIES

In the resource room located in the Science Building, you will be able to use the references, audiovisual equipment, and microcomputers for your research.

Completely equipped computer laboratories are available for your use. There are many academic computer labs conveniently located all over campus. They consist of various types of PCs, Apple PowerMacs, and laser printers and are all interconnected via a Novell computer network.

You will have the opportunity to use equipment on par with that which is used in research institutes, including a refrigerated super-speed centrifuge, a research microscope, equipment for videotaping through a microscope and viewing on a high resolution color monitor, and spectrophotometers (atomic absorption, ultraviolet, visible, and infrared). We also have enough high-quality microscopes and general lab equipment that you will be able to study on your own and not have to waste time waiting for a partner to finish.

The Association of Christian Teachers is an integral part of the School of Education. Films, programs, and activities are correlated very closely to the emphasis of the individual classes. This organization will provide you with opportunities for leadership and training and professional contact. Each of the 12 professional education departments elects representatives to serve as officers. Prospective teachers are urged to become members of the A.C.T. The A.C.T. awards a medal annually to the best elementary student teacher and the best secondary student teacher. By doing your best while you are a student here, you might be able to win this award.



You will have the opportunity to observe experienced Christian teachers right on our campus in the beautiful buildings of Bob Jones Beginnings Center (kindergarten and first grade), Elementary School, Junior High, and Academy.

The Media Center contains all the audiovisual equipment you are likely to use in teaching, including equipment for preparing transparencies, videotapes, laminated bulletin board figures, slide presentations, signs, and duplicating equipment. You will learn how to use these various machines under the guidance of our trained and dedicated staff. The Media Center is also equipped with various curriculum materials, textbooks, and teaching materials for all grade levels and subjects.

The School of Education maintains a Reading Laboratory which provides you with training in diagnostic and remedial reading procedures. You can also learn how to improve your own reading skills and become acquainted with the latest and the best reading equipment.

All students have opportunity to participate in the University's athletic program. Through a well-integrated program of intramural athletic competition, a very high percentage of student participation is possible. You will have the opportunity to compete in a wide variety of both team and individual sports including soccer, speedball, basketball, softball, track, volleyball, tennis, swimming, badminton, judo, table tennis, racquetball, archery, wrestling, and indoor soccer.

Because of our care and concern for the spiritual as well as the physical needs of the people in our part of the country, students are encouraged to be involved in outreach ministries in our area. While you are here you will have the opportunity to participate in as many of these ministries as you can fit into your schedule. These opportunities vary from work in nursing homes, jails, detention centers, and churches, to visitation, Bible clubs, providing special music, and martial arts teams.

Chapel is a central feature of Bob Jones University. This 35-minute service is 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 or by selected speakers. Each Friday the Chapel period is devoted to the meetings of various literary societies.

The Mack Library, with 90,000 square feet of floor space and seating for over 1,300 students, gives you access to 294,000 volumes, 1,100 current periodical subscriptions, and more than 17,000 music, speech, and language recordings. Mack Library offers access to over 65 electronic databases on the library web site. An interlibrary loan program is available through OCLC, a national database, for books not held in our library. Other prominent features include the Jerusalem Chamber, a replica of the room in Westminster Abbey in London in which work was done on the 1611 King James Bible, and the University Archives Room which displays materials about the Founder and history of the University.

Davis Field House, with over 87,000 square feet and seating for 3,000 people, contains 4 full-sized courts; auxiliary courts; indoor and outdoor tracks; swimming pool; café; and a fitness center with fully-equipped exercise room, aerobic room, sauna, and whirlpool.



If you are planning to live on campus, you will be glad to know that all of our residence halls are air-conditioned, have wall-to-wall carpeting, and have a phone in each room. You will be able to make long-distance calls directly from your room and have them automatically placed on your school bill. Computer network connectivity is available in all residence halls, as well.

All of our classrooms are air-conditioned, and there are awnings over the sidewalks to keep you dry when it is raining. The Dining Common serves 8,500 delicious meals a day, and the Snack Shop and Bookstore in the Student Center carry just about anything you'll need.

You will find the finest Christian young people in the country are your fellow students, and without trying too hard, you may end up making a life-long friend!

V. ABOUT THE FACULTY

Several of our science faculty have had experience debating on the subject of origins, and a number have served as consultants to outside companies. You will benefit from their broad experience. Their combined teaching experience totals over 240 years.

VI. CAREER OPPORTUNITIES AND PLACEMENT

Career fields open to you will include:

Teaching science	Medical school
Administrating a Christian school	Technology
Graduate School (education or science)	Business
Public relations (for a biological science or high technology company)	Research and development

There is a wide open door of opportunity for you. It is not abnormal for us to receive up to 100 requests per year from Christian schools for science teachers, and then graduate only five science education/biology education majors. That could theoretically give you about 20 opportunities to choose from when you graduate, just among the possibilities in Christian schools.

The Career Development and Placement Office helps students by holding seminars on resume preparation and interview techniques.

A Principals' Recruitment Conference is sponsored by the Career Development and Placement Office each February. Approximately 140 administrators and principals from many states and some foreign countries gather to interview and hire new teachers for their schools. This conference will give you many opportunities to find a place of service after you graduate. In addition, the Career Office maintains a file of miscellaneous information about various Christian schools across the country. This file, too, may provide you with a contact that could lead to many years of active service for the Lord.



VII. BJU: AN AFFORDABLE EDUCATION

Enclosed is an expense sheet detailing the cost of attending Bob Jones University. When you compare our charges to those of other private colleges, we think you will be pleasantly surprised. We believe we offer a student more value for his dollar than anyone else in America. And to help you see how affordable "the Opportunity Place" can be for you, we have enclosed a financial aid brochure that you can use to evaluate your own situation. Your Admissions Counselor or the Director of Student Financial Aid would be happy to discuss this with you if you have any questions.

HOW TO TAKE THE NEXT STEP . . .

If you can see yourself in the career described in the profile, then a great opportunity awaits you at Bob Jones University. It is the opportunity for the premier Christian college experience in all the world. It is the opportunity for learning, for fun, and for developing new friendships. It is the opportunity to prepare for a lifetime of service for the Lord . . .

The Opportunity Place . . . God's Special Place for You.