
SCHOOL OF SCIENCES

School Dean: Dr. Julius Sigler

Sciences Resource Manager: Ms. Justis

Biology Program Faculty: Dr. Benson, Dr. Cowden, Dr. Freier, Dr. Jablonski, Ms. Olah, Dr. Schupp
Dr. Styrsky

Biomedical Sciences Program Faculty: Dr. Freier, Dr. Jablonski, Dr. Reeve

Chemistry Program Faculty: Dr. Gannicott, Dr. Lokar, Dr. Reeve, Dr. Sumerlin

Claytor Nature Study Center: Dr. Eaton, Director

Computer Science Program Faculty: Dr. Briggs, Dr. Lobb, Dr. Ribler, Dr. Roussos

Environmental Science Program Faculty: Dr. Gannicott, Dr. Pavey, Dr. Perault, Dr. Shahady, Dr. Eaton

Mathematics Program Faculty: Dr. Coco, Dr. Hatfield, Dr. Lobb, Dr. Peterson, Ms. Smotrel, Dr. Xue

Physics Program and Engineering Program Faculty: Dr. Goff, Dr. Sigler, Dr. Sumerlin

Psychology Program Faculty: Dr. Corodimas, Dr. Cylke, Dr. Pittas, Dr. Southall, Dr. Sumutka, Dr. Werner

The School of Sciences provides curricular and co-curricular activities for students interested in graduate study and careers in the physical and life sciences, mathematics, and computer science. The School also prepares students for advanced study in a health science such as medicine, dentistry, or veterinary medicine. Through the Center for Environmental Education and activities at the College's Claytor Nature Study Center, students, faculty, and staff are involved in initiatives that have a positive impact on the quality of the environment of the College and the community.

Program Listing

Biology Major	Engineering
Biology Minor	Environmental Science Major
Biomedical Science Major	Environmental Science Minor
Chemistry Major - Bachelor of Arts	Environmental Studies Minor
Chemistry Major - Bachelor of Sciences	Mathematics Major
Chemistry Minor	Mathematics Minor
Computer Science Major	Physics Major
Computer Science Minor	Physics Minor
Computer Science Applications Minor	Psychology Major
	Psychology Minor

BIOLOGY MAJOR

The science of biology is a process of inquiry, using experimentation and observation to gain understanding of living systems and their interactions with nature. The purpose of the biology major is to acquire knowledge of the basics in the discipline, and, through a modern curriculum, prepare students for careers in the biological sciences. The biology major provides broad preparation appropriate for health-related careers, professional or graduate schools, government or industry, or teacher preparation. The curriculum is designed to ensure that students learn about animals, plants, and microorganisms at the molecular, cellular, organismal, and population levels of analysis. Courses are taught in a variety of styles including lecture, small group collaboration, and hands-on approaches that often involve a range of resources, including computer software, the World Wide Web, and field experiences.

A strong emphasis is placed on developing critical thinking and sound scientific reasoning skills. As part of the student's capstone experience, he/she will work with a faculty member on an independent project, typically a collaborative research project or an internship. Student interns gain practical work-related experience through affiliations with local laboratories, hospitals, physical therapy and veterinary clinics, industries, and government agencies responsible for natural resources.

It is strongly recommended that the student select MATH 103 (Calculus I) as the General Education math requirement. Most health-related careers require additional courses as prerequisites. Each student will need to meet with his/her advisor on a regular basis to ensure that the appropriate courses are being selected.

Biology courses:			Hours
BIOL	111-111L	Organisms, Ecology, Evolution and Lab	4
BIOL	112-112L	Cells: Genetic and Molecular Perspectives and Lab	4
BIOL	205	Plant Biology	4
BIOL	321	General Ecology	4
BIOL	323	Genetics	4
BIOL	430	Molecular Cell Biology	4
BIOL	480	Case Studies in Biology	3
BIOL	490	Biology Seminar	1
One of the following:			3
BIOL	240	Introduction to Biological Research	
BIOL	399	Internship in Biology	
BIOL	440	Individual Research	
Allied science and math courses:			
CHEM	103-104	Fundamentals of Chemistry	6
CHEM	105L-106L	Fundamentals of Chemistry Lab	2
CHEM	251-253L	Organic Chemistry I and Lab	4
MATH	222	Introductory Statistics	3
Electives (four hours maximum ENVS):			14
BIOL	210	Animal Biology	
BIOL	233	Tropical Biology	
BIOL		Other BIOL courses 300 level	
BIOM		Other BIOM courses 300 level, except BIOM 301	
CHEM	252-254L*	Organic Chemistry II and Lab	
CHEM	320	Introductory Biochemistry	
ENVS		ENVS courses 300 level, except 399 and 440	
<i>Total Hours Required</i>			60

*CHEM 252-254L is also required for most graduate/professional-level programs.

BIOLOGY MINOR

A minor in biology requires:

BIOL	111-111L	Organisms, Ecology, Evolution and Lab	4
BIOL	112-112L	Cells: Genetic and Molecular Perspectives and Lab	4
Electives:			10
BIOL		Other BIOL courses, excluding BIOL 240, 399, 440, 480, 490	
<i>Total Hours Required</i>			18

BIOMEDICAL SCIENCE MAJOR

Biomedical science is an interdisciplinary program that includes courses in biology, chemistry, and physics. The core courses provide a foundation in each of the sciences, allowing students to develop broad-based knowledge and skills from classroom and laboratory experiences. These courses may serve as prerequisites for admission to professional schools in the health area (medical, dental, veterinary, physical therapy, optometry, chiropractic, physician assistant, pharmacy, etc.). With appropriately chosen electives, this program will also prepare students for graduate study in a variety of fields, including genetics and molecular biology or employment in the rapidly growing bio-technology industry.

A broad-based technical background, such as that offered by the biomedical science major, coupled with a business minor or an M.B.A. will provide students with an attractive background for employment in the administrative division of many health-related industries.

Since admission to graduate and professional programs in the health sciences is highly competitive, students will work closely with their academic advisors to ensure that all admission prerequisites are met and

courses are properly sequenced. Biomedical science majors are required to conduct a research project as a capstone experience, and they must maintain excellent academic standing. To be eligible to continue in the biomedical science major beyond the sophomore year, students must have completed nineteen hours in the core (four lab science courses and MATH 103) with a 3.0 average in the core courses and a 2.75 overall QPA. Submission of a formal application for progression to the junior year of the major is also required.

Biomedical science courses:			Hours
BIOL	111-111L	Organisms, Ecology, and Evolution	4
BIOL	112-112L	Cells: Genetics and Molecular Perspectives	4
BIOM	301	Biomedical Science Seminar	1
BIOM	421	Research Project	3
CHEM	103-104	Fundamentals of Chemistry	6
CHEM	105L-106L	Fundamentals of Chemistry Lab	2
CHEM	251-252	Organic Chemistry	6
CHEM	253L-254L	Organic Chemistry Lab	2
MATH	103	Calculus I	3
Physics courses:			8
PHYS	141-142	College Physics	
PHYS	161-162	Physics I and II	
Biomedical Electives:			10-16
BIOL	323	Genetics	
BIOL	332	Vertebrate Anatomy	
BIOL	333	Vertebrate Physiology	
BIOL	345	Animal Behavior	
BIOL	356	Neurobiology	
BIOL	424	Microbiology	
BIOL	430	Molecular Cell Biology	
BIOM	240	Introduction to Research	
BIOM	312	Forensic Science	
BIOM	354	Immunology	
CHEM	320	Biochemistry	
Additional Electives:			0-6
BIOL	480	Case Studies in Biology	
BIOM	380	Special Topics in Biomedical Science	
BIOM	399	Internship in a Health Profession	
H P	270	Nutrition	
MATH	222	Statistics	
PHIL	224	Ethical Issues in Medicine	
PSYC	241 or 308	Developmental Psychology or Abnormal Psychology	
PSYC	315	Drugs and Behavior	
<i>Total Hours Required</i>			<u>55</u>

CHEMISTRY MAJOR

The Chemistry Program offers two degree options. The B.A. is primarily designed for students intending to work in chemical laboratories following graduation, for students planning to teach who need an endorsement in chemistry, and for pre-professional (pre-medical, pre-dental, pre-veterinary, pre-pharmacy) students. The B.S. is a more rigorous course of study designed for students wishing to continue their study of chemistry at the graduate level.

Students who intend to major in chemistry and students who intend to prepare for medical, dental, veterinary, or pharmacy school are urged to select *Fundamentals of Chemistry* their first year.

The courses listed with a hyphen are two-semester courses; they are not counted toward the major unless both semesters are completed. Satisfactory completion of the first semester of a two-semester course is a prerequisite for admission to the second semester. Both class and lab for sequences 103 and 105L, 104 and 106L, 251 and 253L, 252 and 254L must be taken or dropped simultaneously. The only exception made is for a student who previously passed one of them and is repeating the other.

CHEMISTRY MAJOR–BACHELOR OF SCIENCE			Hours
CHEM	103-104	Fundamentals of Chemistry	6
CHEM	105L-106L	Fundamentals of Chemistry Lab	2
CHEM	251-252	Organic Chemistry	6
CHEM	253L-254L	Organic Chemistry Lab	2
CHEM	359	Analytical Chemistry I	4
CHEM	360	Analytical Chemistry II	5
CHEM		Other CHEM course 200 and above	3
CHEM	410-411	Physical Chemistry	6
CHEM	412L	Physical Chemistry Lab	2
CHEM	441	Chemistry Seminar	2
CHEM	442	Chemical Research	3
MATH	103-104	Calculus I and II	6
MATH	211	Calculus III	3
PHYS	161-162	Physics I and II	<u>8</u>
		<i>Total Hours Required</i>	58

CHEMISTRY MAJOR–BACHELOR OF ARTS

CHEM	103-104	Fundamentals of Chemistry	6
CHEM	105L-106L	Fundamentals of Chemistry Lab	2
CHEM	251-252	Organic Chemistry	6
CHEM	253L-254L	Organic Chemistry Lab	2
CHEM	359	Analytical Chemistry I	4
CHEM	360	Analytical Chemistry II	5
CHEM		Other CHEM course 200 and above	3
CHEM	441	Chemistry Seminar	2
MATH	103	Calculus I	3
PHYS	161-162	Physics I and II	<u>8</u>
		<i>Total Hours Required</i>	41

CHEMISTRY MINOR

A minor in chemistry requires:

CHEM	103-104	Fundamentals of Chemistry	4
CHEM	105L-106L	Fundamentals of Chemistry Laboratory	2
Electives:			12
CHEM		Other CHEM courses excluding CHEM 127, 200, 399, 441, 442	<u>—</u>
		<i>Total Hours Required</i>	18

COMPUTER SCIENCE MAJOR

The computer science curriculum is designed to provide students with the broad range of core competencies required of all computer professionals, as well as the opportunity to acquire an understanding of selected advanced topics in computer science.

C S	141-142	Introduction to Computer Science and Structured Programming	8
C S	241-242	Data Structures and Abstraction	8
C S	271	Computer Architecture and Assembly Language	4
C S	322	Programming Languages	3
C S	360	Operating Systems and Computer Organization	3
C S	451-452	Senior Project	4
C S		Other C S courses 300 and above	12

			Hours
MATH	231	Mathematics of Computer Science	<u>3</u>
<i>Total Hours Required</i>			45

Recommended electives:

Students interested in pursuing careers as information system managers for businesses should take C S 370, *Database Management*, and C S 335, *Computer Networks*, as well as C S electives tailored to their individual interests. A minor in business is strongly recommended. At a minimum, business courses should include ACCT 201-202, *Principles of Accounting*, and MGMT 260, *Principles of Management*.

Students considering graduate study and/or careers as system developers should also take *Principles of Digital Systems, Algorithms*, and other C S electives tailored to their individual interests. They are strongly encouraged to minor in mathematics. Courses in mathematics should include calculus, differential equations, linear algebra, and probability. PHYS 161-162, *Physics I and II*, is also strongly recommended.

COMPUTER SCIENCE MINOR

C S	141-142	Introduction to Computer Science and Structured Programming	8
C S		Other C S courses 200 and above, excluding C S 399	<u>9</u>
<i>Total Hours Required</i>			17

COMPUTER SCIENCE APPLICATIONS MINOR

C S	131	Fundamentals of Programming in Basic	3
C S	220	Business Computer Programming and File Systems	4
C S		Other C S courses 200 and above, excluding C S 399	<u>10</u>
<i>Total Hours Required</i>			17

ENGINEERING PROGRAM

DUAL-DEGREE PROGRAM WITH OLD DOMINION UNIVERSITY

Under special agreement with Old Dominion University (ODU), a student may earn a B.S. from Lynchburg College and a degree in engineering from ODU in a total of five years. Dual-degree candidates enroll at Lynchburg College for the first three years and transfer to the School of Engineering at ODU for approximately two years.

Students must complete prescribed courses, including General Education requirements, with an average grade of B or higher during the first three years at Lynchburg College, before they can transfer to ODU.

Upon completing specified courses and meeting total hour requirements, the student is awarded the bachelor of science from Lynchburg College, usually at the end of the fourth year. At the conclusion of the fifth year, or when all requirements for a degree in engineering have been fulfilled, the appropriate degree is awarded from ODU: bachelor of science in civil, electrical, or mechanical engineering.

DUAL-DEGREE PROGRAM WITH THE UNIVERSITY OF VIRGINIA

Under special arrangement with the University of Virginia (U.Va.), a student may also earn a B.S. from Lynchburg College and a master of engineering from U.Va. in five years. Dual-degree candidates enroll at Lynchburg College for the first three years and transfer as conditionally-admitted graduate students to the School of Engineering and Applied Science at U.Va. for the final two years.

After completing the first three years, including all General Education requirements, with an overall quality point average of 3.3 or higher, the student transfers to U.Va. Upon completion of specified courses and the total hour requirement, the student is awarded the B.S. from Lynchburg College, usually at the end of the fourth year. At the conclusion of the fifth year, when all requirements have been met, the student earns

a master of engineering in the appropriate engineering discipline. With some additional study, the student may earn a master of science in either field. See the dean of the School of Sciences for more detailed information on this program.

Prescribed courses to be taken at Lynchburg College include the following:			Hours
CHEM	103-104	Fundamentals of Chemistry	6
CHEM	105L-106L	Fundamentals of Chemistry Laboratory	2
MATH	103-104	Calculus I and II	6
MATH	211	Calculus III	3
MATH	301	Differential Equations	3
MATH	307	Linear Algebra	3
PHYS	161-162	Physics I and II	8
PHYS	211	Physics III	4
PHYS	300+	Elective	<u>4</u>
<i>Total Hours Required</i>			39

ENVIRONMENTAL SCIENCE MAJOR

The environmental science major is an interdisciplinary program for students wishing to pursue careers in the natural resources. LC students prepare to become foresters, wildlife or aquatic ecologists, hydrologists, geologists, meteorologists, and GIS technicians. Potential employers include government agencies, commercial environmental laboratories, private consulting firms, and teaching institutions. Graduate studies are also possible.

A key component of the Environmental Science Program is the opportunity to work closely with professors, as well as with professionals from the community. Diverse learning opportunities are available in the classroom, the laboratory, and in the field. Our students develop critical thinking and sound scientific reasoning abilities, as well as a general awareness of the physical and biological factors at work in the environment. Additionally, they engage in a research or intern project that integrates training into an analysis of an environmental problem.

BIOL	321	Ecology	4
CHEM	103/105L	Fundamentals of Chemistry and Lab	4
ENVS	101/101L	Earth and Environmental Science I and Lab	4
ENVS	102/102L	Earth and Environmental Science II and Lab	4
ENVS	380	Geographic Information Systems (GIS)	4
ENVS	490	Environmental Sciences Seminar	1
MATH	103	Calculus I	3
MATH	222	Introductory Statistics	3
One of the following:			4
CHEM	104/106L	Fundamentals of Chemistry and Lab	
CHEM	206	Environmental Chemistry	
One of the following:			3
ENVS	240	Introduction to Environmental Research	
ENVS	399	Internship in Environmental Science	
ENVS	440	Environmental Research	
Electives:			16
ENVS	320	Conservation Biology	
ENVS	324	Sustainable Forestry Management	
ENVS	325	Landscape Ecology	
ENVS	331	Hydrology	
ENVS	333	Physical Oceanography	
ENVS	336	Physical Geology	
ENVS	337	Historical Geology	
ENVS	338	Environmental Geology	
ENVS	340	Remote Sensing	

			Hours
ENVS	345	Meteorology	
ENVS	350	Environmental Law and Policy	
ENVS	355	Environmental Impact Assessment	
ENVS	375	Freshwater Ecology	
Additional Electives:			10
BIOL	205	Plant Biology	
BIOL	210	Animal Biology	
BIOL		Other BIOL courses 300 and above, excluding 399 and 440	
CHEM	206	Environmental Chemistry (if CHEM 104/106L is taken)	
CHEM	251/253L	Organic Chemistry and Lab	
ENVS		Other ENVS courses 300 and above	
PHYS	141 or 161	College Physics or Physics I	
<i>Total Hours Required</i>			<u>60</u>

ENVIRONMENTAL SCIENCE MINOR

Required courses:			
ENVS	101-101L	Earth and Environmental Science I and Lab	4
ENVS	102-102L	Earth and Environmental Science II and Lab	4
Electives:			10
ENVS	211	Physical Geography	
ENVS	320	Conservation Biology	
ENVS	324	Sustainable Forestry Management	
ENVS	325	Landscape Ecology	
ENVS	331	Hydrology	
ENVS	333	Physical Oceanography	
ENVS	336	Physical Geology	
ENVS	337	Historical Geology	
ENVS	338	Environmental Geology	
ENVS	340	Remote Sensing	
ENVS	345	Meteorology	
ENVS	350	Environmental Law and Policy	
ENVS	355	Environmental Impact Assessment	
ENVS	375	Freshwater Ecology	
ENVS	380	Geographic Information Systems	
<i>Total Hours Required</i>			<u>18</u>

ENVIRONMENTAL STUDIES MINOR

ENVS	101-101L	Earth and Environmental Science I and Lab	4
ENVS	102-102L	Earth and Environmental Science II and Lab	4
ENST	210	Human Dimensions in Natural Resources	4
Choose from:			4
ENVS	350 and 355	Environmental Law and Policy and Environmental Impact Assessment	
ENST	370	Environmental Management	
Elective:			3
ECON	300	Environmental Economics	
HIST	301	Rise of the American City	
POLI	258	State and local government politics	
SOCI	242	Population Studies	
<i>Total Hours Required</i>			<u>19</u>

MATHEMATICS MAJOR

The mathematics major seeks to support the College mission by maintaining a strong commitment to the importance of the liberal arts. Since four of the seven original liberal arts (arithmetic, geometry, astronomy, and logic) were mathematical in nature, mathematics has always played an important role in the study of the liberal arts. When properly presented, a mathematics course encompasses the principles of a liberal arts education using logic, numerical concepts, algebraic and geometric principles, mathematical modeling, and sequential development.

Courses in mathematics are offered for the non-major, as well as for the student who plans to major in mathematics. The curriculum is designed to serve the interests and needs of several groups of students, particularly:

1. Those who seek a major in mathematics as background for graduate school or employment (bachelor of science or bachelor of arts);
2. Those who intend to apply mathematics in other disciplines such as the physical sciences, the life sciences, or business and industry;
3. Prospective teachers of mathematics at the elementary or secondary school levels;
4. Those who seek fulfillment of a degree requirement;
5. Those who seek fulfillment of a teaching certificate requirement; and
6. Those who enjoy the stimulation and satisfaction derived from the study of mathematics.

Freshmen who are interested in mathematics as a major usually take MATH 103-104; however, appropriate advanced placement is possible.

			Hours
C S	131	Fundamentals of Programming in Basic	3
MATH	103-104	Calculus I and II	6
MATH	211	Calculus III	3
MATH	260	Mathematical Reasoning and Proof	3
MATH	301	Differential Equations	3
MATH	307	Linear Algebra	3
MATH	405	Abstract Algebra	3
MATH	407	Advanced Calculus	3
MATH	451	Senior Project Course	3
MATH		Other MATH courses 300 and above	<u>9</u>
		<i>Total Hours Required</i>	39

MATHEMATICS MINOR

MATH	103-104	Calculus I and II	6
MATH	211	Calculus III	3
MATH	307	Linear Algebra	3
MATH		Other MATH courses 250 and above	<u>6</u>
		<i>Total Hours Required</i>	18

PHYSICS MAJOR

The physics major is designed to provide solid preparation for technical employment or for graduate study in certain interdisciplinary programs such as materials science or textile science. The major will also prepare prospective secondary teachers to teach physics and will provide a suitable path for local students who want to complete a four-year technical degree, but who cannot leave local employment to do so. In addition, the physics major provides an ideal path for students interested in pursuing careers in various types of engineering.

The mission of the program is to provide:

1. Through support of the College General Education Program, an introduction to the history, thought, and techniques, that distinguish physics as a discipline central to the sciences;
2. Physics curricula that thoroughly ground participating students in the core competencies expected of physics graduates; and
3. Physics curricula that stress the ability to read, calculate, write, and speak effectively about specific physics topics.

Students completing the B.S. major in physics will:

1. Demonstrate conceptual knowledge in the core physics and chemistry courses outlined below;
2. Demonstrate competence in the application of the methods, techniques, and equipment used in the physical laboratories;
3. Demonstrate knowledge of research methodology in the physical sciences, including the use of appropriate research literature;
4. Demonstrate competence to apply basic concepts to solve physics problems, including those which require mathematics through differential equations; and
5. Obtain information on a general or specialized topic within the physical science disciplines and communicate that information orally and in writing.

			Hours
CHEM	103-104	Fundamentals of Chemistry	6
CHEM	105L-106L	Fundamentals of Chemistry Lab	2
MATH	103-104	Calculus I and II	6
MATH	211	Calculus III	3
MATH	301	Differential Equations	3
PHYS	211	Physics III	4
PHYS	309	Classical Mechanics	4
PHYS	312	Electromagnetic Theory	4
PHYS	333	Computational Physics	4
Additional chemistry and physics courses:			6
CHEM		Other CHEM courses 300 and above	
PHYS		Other PHYS courses 300 and above	
Additional physics courses:			8
PHYS	141-142	College Physics	
PHYS	161-162	Physics I and II	
Additional electives:			2
PHYS	403	Independent Study in Physics	
CHEM		Any CHEM research project or laboratory-based internship	
<i>Total Hours Required</i>			<u>52</u>

PHYSICS MINOR

The minor in physics requires:

MATH	103	Calculus I	3
MATH	104	Calculus II	3
MATH	211	Calculus II	3
MATH	301	Differential Equations	3
PHYS	161	Physics I	4
PHYS	162	Physics II	4
PHYS	211	Physics III	4
PHYS		Other PHYS courses 300 and above	<u>4</u>
<i>Total Hours Required</i>			28

PSYCHOLOGY MAJOR

Studies in the liberal arts provide the context in which psychology programs are conducted. The following are guiding principles for programs in psychology:

1. To provide the student with a well-rounded foundation based upon a theoretical and conceptual understanding of psychology as a science;
2. To introduce the student to the various research methodologies and techniques used within the discipline to gain an understanding of behavior;
3. To prepare the student for further graduate study in psychology and related disciplines;
4. To prepare the student for careers in psychology and related areas.

			Hours
PSYC	103-104	General Psychology	6
PSYC	105L-106L	General Psychology Lab	2
PSYC	274	Statistics for Psychologists	4
PSYC	275	Research Methodology	4
PSYC	401	History and Systems of Psychology	3
One of the following:			4
PSYC	311	Sensory Processes and Perception	
PSYC	355	Physiological Psychology and Lab	
One of the following:			4
PSYC	305	Human Memory and Information Processing	
PSYC	312	Learning and Motivation	
Two of the following:			6
PSYC	306	Theories of Personality	
PSYC	308	Abnormal Behavior	
PSYC	367	Child Psychopathology	
Two of the following:			6
PSYC	241	Developmental Psychology	
PSYC	302	Social Psychology	
PSYC	344	Cognitive Psychology	
One of the following concurrent with above course:			1
PSYC	241L	Developmental Psychology Laboratory	
PSYC	302L	Social Psychology Laboratory	
PSYC	344L	Cognitive Psychology Laboratory	
<i>Total Hours Required</i>			<u>40</u>

Students are encouraged to take other electives available in the program to best meet individual goals. Students wishing to pursue doctoral studies in psychology are encouraged to consider one or more of the following: (1) PSYC 399 *Internship*, (2) PSYC 370 *Independent Study*, or (3) *Honors in Psychology*.

The student must work closely with an advisor in the program to select courses appropriate for his/her goals and interests.

PSYCHOLOGY MINOR

The minor in psychology requires:

PSYC	103-104	General Psychology	6
PSYC	105L-106L	General Psychology Laboratory	2
PSYC	275	Research Methodology and Lab	4
PSYC		Other PSYC courses 200 and above	<u>6</u>
<i>Total Hours Required</i>			18

* The prerequisite for PSYC 275 does not count in the minor total. The prerequisite for PSYC 275 is PSYC 274, MATH 222, SOCI 370, or BUAD 241.