

COLLEGE OF ARTS AND SCIENCES

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Dean



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COLLEGE OF ARTS AND SCIENCES

DEPARTMENT	MAJOR/MINOR PROGRAMS	BA	BS	LICENSURE/ CERTIFICATION TRACK	MINOR
Behavioral Science	Behavioral Science		X		X
	Gender/Multicultural Studies				X
	Gerontology				X
	Psychology	X	X		X
	Sociology	X	X		X
Health and Professional Studies	Health Science		X		
	Health & Wellness Management		X		
	Public Safety & Health Administration		X		X
Humanities and Social Science	Art				X
	AR - Computer Graphics Option	X			
	AR - Studio Arts Option	X			
	Art for Art Majors Only				X
	Art History				X
	English	X		X	X
	Drama				X
	History	X		X	X
	Justice Studies		X		X
	Political Science	X	X		X
	Government Administration & Social Policy Option		X		
	Religion	X			X
	Church Finance				X
	Philosophy				X
	Religious Education				X
Social Science			X	X	
Interdisciplinary	Liberal Studies		X		
Mathematics and Computer Science	Computer Science		X		X
	CS - CIS Option		X		X
	CS - Computer Networking Option*		X		X
	Mathematics		X	X	X
Natural Science	Biology		X	X	X
	Marine Science				X
	Chemistry		X	X	X

*A certificate program is also available in the CS - Computer Networking program.

INTERDISCIPLINARY PROGRAMS

Forensic Science

Forensic Science is the application of natural science in the investigation and prosecution of crime. Although Athens State University has no specific Forensic Science degree program, the following plan of study has been developed in consultation with the Alabama Department of Forensic Sciences and meets the minimum requirements for an entry level position with that department.

The recommended curriculum would consist of a major in Chemistry, along with a minor in Justice Studies, which includes the following courses:

- JS 301 Criminal Justice Process (3 semester hours)
- JS 302 Criminal Law (3 semester hours)
- JS 400 Law Enforcement in America (3 semester hours)
- JS 452 Advanced Criminology (3 semester hours)
- Justice Studies electives (6 semester hours)

Students are encouraged to take CH 302, Introduction to Forensic Science (3 semester hours), as one of their required upper level electives. Any remaining electives for the completion of the bachelor's degree should be taken after consultation with the student's faculty advisor.

Pre-Law Program

Many Athens State University students express an interest in attending law school after graduation. Many ASU students have attended law school at The University of Alabama, Cumberland School of Law at Samford University, The University of Tennessee, The University of Florida, George Washington University, Memphis State University, and Southern Illinois University.

To be admitted to an accredited law school, a student must have a bachelor's degree, an acceptable score on the Law School Admission Test (LSAT), and at least a 3.0 GPA. Although no law school requires a specific major, political science and justice studies have been popular undergraduate majors for many students because of the opportunity to take courses in American government, constitutional law, civil liberties, criminal law, criminal justice process, public administration, and the American legal system. Methods of Behavioral Science Research and the Senior Research Project courses are designed to improve the student's research and writing skills.

Students should consider electives that will enhance skills needed in law school. Courses in the English department can improve oral and written communication, which are essential skills for success in law school. In the College of Business, courses in accounting, business law, and real estate are helpful. A student entering law school should also know how to operate basic computer programs. Admission to law school is very competitive and no specific program can guarantee admission.

Students interested in choosing political science and/or justice studies as a prelaw major should contact the secretary in the Department of Humanities and Social Sciences in the College of Arts and Sciences - 256-233-6533. For further information call 1-800-522-0272 or (256) 233-8100 or refer to the Athens State University website: www.athens.edu.

Pre-Health Programs

Students interested in the pre-health professions listed below should contact Chief Pre-Health Professions Advisor, Dr. Bruce Thomas at 1-800-522-0272 (Ext. 513) or (256) 233-6513; or by e-mail at bruce.thomas@athens.edu.

Pre-medicine (osteopathic and allopathic)
Pre-dentistry
Pre-optometry
Pre-occupational therapy

Pre-veterinary
Pre-pharmacy
Pre-chiropractic

Pre-podiatry
Pre-naturopathic
Pre-physician assistant
Pre-physical therapy

Athens State University offers a variety of undergraduate academic programs designed to satisfy admission requirements for schools of medicine, dentistry, optometry, veterinary medicine, pharmacy, chiropractic medicine, physical therapy, and many other related disciplines. Students receive guidance in planning individual academic programs according to university and major requirements. Though many students pursue biology or chemistry degrees, medical schools do not require or recommend any particular field of study as long as the following courses are satisfied:

- English composition and literature (12 semester hours)
- General chemistry with laboratory (8 semester hours)
- Organic chemistry with laboratory (8 semester hours)
- Biochemistry (recommended) (3 semester hours)
- General biology with laboratory (8 semester hours)
- (additional biology electives recommended are: genetics, embryology, cell biology, and physiology)
- General physics with laboratory (8 semester hours)
- Mathematics (calculus recommended) (6 semester hours)

COLLEGE OF ARTS AND SCIENCES

The mission of the College of Arts and Sciences curricula is designed to prepare students for entry into the job market, or for continuing education in graduate or professional school. Through its course offerings, the College seeks to engage the intellect, excite the imagination, and improve the scholarship of its students, and assist its students in developing:

- competencies in written and oral communication;
- appreciation of their cultural heritage and understanding of their world;
- a knowledge base conducive to self growth and enriched life experiences; and,
- fundamental knowledge, research skills and computer literacy essential to lifelong learning.

The College of Arts and Sciences is composed of the following departments: Behavioral Science, Health and Professional Studies, Humanities and Social Science, Mathematics and Computer Science, and Natural Science. The chart on the preceding page summarizes the organization of the College of Arts and Sciences in addition to the degree options, majors, minors, and certification programs. An asterisk is used to designate the degree option(s) for a particular major, and to indicate that a department offers a minor or a certificate. The program purposes/goals of each department are listed below:

The Department of Behavioral Science offers courses in three areas of study: Behavioral Science, Psychology, and Sociology. Programs in the Department employ an interdisciplinary approach aimed at developing a strong academic background to prepare students for employment in the areas of mental health, social work, counseling, substance abuse, sociology, and psychology. In addition, the program provides the student with the flexibility to seek employment immediately after graduation or pursue graduate or professional studies. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills; and (5) communicating effectively orally and in writing.

The Department of Health and Professional Studies is committed to the delivery of administrative-oriented courses in the areas of public safety and health, health science, and health and wellness management. The curricula are designed to provide emergency response and allied health students with the academic background to qualify for enhanced managerial and administrative career opportunities. The Department goals are aimed at: (1) enhancing the student's knowledge of personal and community health and safety issues, policies, and administrative practices of risk assessment, prevention, response, and mitigation through specialized coursework; (2) fostering strong ethical standards; (3) developing research and analytical skills to collect and analyze data using scientific methodology; (4) enhancing proficiency in the use of technology and information; and (5) communicating effectively orally and in writing.

The Department of Humanities and Social Sciences offers courses in seven areas of study: Art, English, History, Justice Studies, Political Science, Religion, and Social Science. Programs in the Department employ an interdisciplinary approach aimed at developing a strong academic background to prepare students for entry-level employment, admission into graduate or professional programs, or certification as secondary education teachers. The Department goals are aimed at: (1) enhancing the student's understanding of the world, society, and community through a broad knowledge base in the humanities and social sciences; (2) fostering respect and appreciation for diversity of people and opinions; (3) cultivating life-long learning through proficient use of technology and information; (4) developing critical thinking and analytical skills; and (5) communicating effectively orally and in writing. Students pursuing teaching certification or licensure will complete additional requirements from the College of Education.

The Department of Mathematics and Computer Science is committed to providing students with a strong academic background on the fundamentals of mathematics and computer science within the context of an increasingly technology-driven society. The program allows students the flexibility to explore a wide range of applied and theoretical areas of mathematics, computing, and logic suitable for different employment environments in business, industry, and government or for further studies. The curriculum is designed to include an interdisciplinary approach where students can combine mathematics and/or computer science courses with other disciplines, as well as gain certification for teaching mathematics at the secondary school level. The Department goals are aimed at: (1) enhancing the student's knowledge of mathematics and computer science; (2) cultivating analytical and problem-solving skills; (3) instilling an appreciation for ethical principles to face the challenges posed by the development and uses of new technology and advanced scientific inquiry; and (4) communicating ideas clearly orally and in writing.

The Department of Natural Science offers courses in two areas of study: Biology and Chemistry. Programs in the Department employ an interdisciplinary approach to the natural sciences providing a comprehensive science education background obtained through rigorous coursework, laboratory, and field experience. Structured to prepare students for career opportunities in science, in government, industry, and education, or for pursuing post-graduate studies, the Department goals are aimed at: (1) enhancing the student's knowledge of the fundamental principles of biology, chemistry, and related life sciences and their interrelationships; (2) cultivating analytical and problem solving skills through the active teaching of the scientific method; (3) instilling an appreciation for ethical principles in the conduct of scientific inquiry and use of new technology; and (4) communicating scientific findings and ideas clearly orally and in writing. Students pursuing teaching certification or licensure will complete additional requirements from the College of Education.

Majors leading to a Bachelor of Arts degree are in the disciplines of Art, English, History, Political Science, Psychology, Religious Studies, and Sociology. Majors leading to a Bachelor of Science degree are in the disciplines of Biology, Chemistry, Computer Science, Health and Wellness Management, Justice Studies, Mathematics, Political Science, Psychology, and Sociology. The disciplines of Psychology and Sociology sponsor an interdisciplinary major in Behavioral Science leading to a Bachelor of Science degree. The Department of Computer Science sponsors a computer networking certificate program. The College of Arts and Sciences in cooperation with the College of Education offers Licensure and Certification Track majors in Biology, Chemistry, English, History, Mathematics, and Social Science for those students who are interested in teaching in Middle School or High School. Completion of these track requirements will lead to Class B Certification in High School Education. In cooperation with the College of Business and the College of Education, the College sponsors an interdisciplinary majors in Health Science and Public Safety and Health Administration leading to the Bachelor of Science degree. Pre-medical, pre-dental, and para-medical students are advised to major in either Biology or Chemistry; a program of study tailored to meet specific recommendations of a particular professional school, and leading to a Bachelor of Science degree, will be worked out for the student in consultation with his or her Faculty Advisor.

Certain College of Arts and Sciences curricula require courses to be completed in a particular sequence. Therefore, it is important that Arts and Sciences students meet with their Faculty Advisor, to be assigned by the Counselor for the College of Arts and Sciences, as soon as possible. It must be noted, however, that the student bears individual responsibility to schedule and complete all requirements for the degree and a particular program of study. To fit specific student need, a special program of study may be devised which varies from published requirements. However, under no circumstances are alterations to a particular curriculum permitted without prior approval of the student's Faculty Advisor and completion of a Petition for Adjustment of Curriculum form.

DISTANCE EDUCATION

The College of Arts and Sciences offers online degree programs in the following majors: Computer Science (Computer Information Systems Option), Religion, and Liberal Studies. All coursework for these majors may be completed via distance learning. For further information regarding distance education, refer to pages 41 and 42 in the section Academic Policies and Procedures under the headings Distance Learning, New Student Orientation for Online Courses and Information for New Students Regarding Online Technology.

ART (AR)

The bachelors degree in Art provides students with a strong foundation on the visual arts centered on in-depth study in a number of studio and art history courses. Completion of a major study in the visual arts can be taken as an integral part of a general liberal arts degree program. The program's primary goal is the self-growth of the artist while preparation for graduate studies in visual arts for majors or entry-level careers in art constitute other important goals. The curriculum is designed around the student's individual needs and a conscientious direction in planning an appropriate avenue of study within the program. The senior major exhibition culminates the study.

Bachelor of Arts - Art Major (Computer Graphics Option) MAJOR CODE: 50.0701A

Program components for the Bachelor of Arts degree with a major in Art include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Additional history/behavioral/social science courses	9 semester hours	___	___
TOTAL GENERAL EDUCATION REQUIREMENTS	41 SEMESTER HOURS		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent.....	1 semester hour	___	
Electives.....	12 semester hours	___	___
.....		___	___

Select a minimum of 6 semester credit hours from among the following art areas:

Photography	3 semester hours	___
Computer Graphics	3 semester hours	___
Illustration	3 semester hours	___
Digital Design	3 semester hours	___
Multimedia Production	3 semester hours	___

TOTAL MAJOR PREREQUISITE HOURS: 22 SEMESTER HOURS

TOTAL GEN. ED. REQUIREMENTS & MAJOR PREREQUISITE HOURS: . 63 SEMESTER HOURS

4. PROFESSIONAL COURSES:

AR 300 Art Studio in Critique	3 semester hours	___
AR 331 Digital Photography	3 semester hours	___
AR 335 Topics in Adobe Photoshop	3 semester hours	___
AR 336 Digital Microphotography and Image Analysis	3 semester hours	___
AR 404 Art Studio in Photography	3 semester hours	___
AR 410 Adobe Illustrator Design	3 semester hours	___
AR 423 History of Modern Art	3 semester hours	___
AR 424 Late Modern Art History	3 semester hours	___
AR 426 Critical Theories of Today's Art	3 semester hours	___
AR 435 Computer Graphics	3 semester hours	___
AR 465 (formerly AR 402) Portfolio, Exhibition and Art Research	3 semester hours	___
Art Electives*	12 semester hours	___ ___

*MK 334, Internet Marketing, will be counted toward this requirement. AR 405, Interface Design Management, is recommended.

TOTAL PROFESSIONAL HOURS: 45 SEMESTER HOURS

- The Art major must complete a minimum of forty-five semester hours of art coursework, at least fifteen semester hours of which must be taken at Athens State University. At least 18 hours of coursework in the major must be upper-division coursework (300-400 level). All students will be required to exhibit their work on campus during their final term before graduation.
- A minor is required. Students are encouraged to seek a minor in Art History or Marketing.....18 semester hours

TOTAL HOURS FOR GRADUATION126 SEMESTER HOURS

The following minors can be obtained in the area of Art:

- Art
- Art Minor for Art Majors only
- Art History

Course requirements for these minors can be found at the end of the College of Arts and Sciences section of the catalog.

**Bachelor of Arts - Art Major
(Studio Arts Option)
MAJOR CODE: 50.0701B**

Program components for the Bachelor of Arts degree with a major in Art include:

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Additional history/behavioral/social science courses	9 semester hours	___	___

TOTAL GENERAL EDUCATION REQUIREMENTS 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent.....	1 semester hour	___	
Art Electives	6 semester hours	___	___
General Electives.....	12 semester hours	___	___
.....		___	___

TOTAL MAJOR PREREQUISITE HOURS: 22 SEMESTER HOURS

TOTAL GEN. ED. REQUIREMENTS & MAJOR PREREQUISITE HOURS: . 63 SEMESTER HOURS

4. PROFESSIONAL COURSES:

AR 300 Art Studio in Critique	3 semester hours	___
AR 301 Painting.....	3 semester hours	___
AR 311 Landscape Painting and Drawing or AR 314 Topics in Watercolor	3 semester hours	___
AR 312 Figure Drawing	3 semester hours	___
AR 315 Topics in Ceramics or AR 317 Ceramic Sculpture	3 semester hours	___
AR 331 Digital Photography	3 semester hours	___
AR 408 Printmaking	3 semester hours	___
AR 420 Art Studio in Painting	3 semester hours	___
AR 423 History of Modern Art	3 semester hours	___
AR 424 Late Modern Art History	3 semester hours	___

AR 426	Critical Theories of Today's Art	3 semester hours	___
AR 430	Advanced Drawing and Design	3 semester hours	___
AR 461	Special Workshop in Sculpture	3 semester hours	___
AR 465	(formerly AR 402) Portfolio, Exhibition and Art Research	3 semester hours	___
Art Elective	.....	3 semester hours	___

TOTAL PROFESSIONAL HOURS: 45 SEMESTER HOURS

- The Art major must complete a minimum of forty-five semester hours of art coursework, at least fifteen semester hours of which must be taken at Athens State University. At least 18 hours of coursework in the major must be upper-division coursework (300-400 level). All students will be required to exhibit their work on campus during their final term before graduation.
- A minor is required. A minor in Art History is recommended. 18 semester hours

TOTAL HOURS FOR GRADUATION 126 SEMESTER HOURS

BEHAVIORAL SCIENCE

The bachelors degree in Behavioral Science is a joint degree between the fields of Psychology and Sociology. Core courses in each discipline are taken to provide the student with the option of seeking employment after graduation or to pursue graduate training. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills, and (5) communicating effectively orally and in writing.

Bachelor of Science - Behavioral Science Major MAJOR CODE: 30.9999

Program components for the Bachelor of Science degree with a major in Behavioral Science include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	.....	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	.....	3 semester hours	___
At least one literature course	.....	3 semester hours	___
Other Humanities/Fine Arts courses	.....	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	.....	3 semester hours	___
Natural Sciences (lab based) required	.....	8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	.....	3 semester hours	___
Other History/Behavioral or Social Science courses	.....	9 semester hours	___ ___ ___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>		41 SEMESTER HOURS	

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

CIS 146 Microcomputer Applications or	.....	3 semester hours	___
CIS 301 Problem Solving with Computers	.....	1 semester hour	___
HU 321 Research Sources and Skills or its equivalent	.....	19 semester hours	___ ___ ___
General Electives	.....		___ ___ ___
TOTAL MAJOR PREREQUISITE HOURS:		23 SEMESTER HOURS	
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:		64 SEMESTER HOURS	

4. **PROFESSIONAL COURSES:**

The following courses must be completed at the 300/400 level:

PS 304 Drugs and Behavior	3 semester hours	___
PS 331 Social Psychology	3 semester hours	___
PS 332 Child Psychology or		
PS 334 Adolescent Psychology or		
PS 335 Adult Psychology	3 semester hours	___
PS 341 Statistics with Advanced Topics in Behavioral Science	3 semester hours	___
PS 352 Abnormal Psychology	3 semester hours	___
Psychology Elective	3 semester hour	___
SO 312 Majority/Minority Group Relations	3 semester hours	___
SO 342 Methods of Behavioral Science Research	3 semester hours	___
SO 360 Contemporary American Family	3 semester hours	___
SO 361 Social Analysis	3 semester hours	___
SO 362 Deviant Social Behavior	3 semester hours	___
PS/SO 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3 semester hours	___
Sociology Elective	3 semester hours	___

TOTAL PROFESSIONAL HOURS: 39 SEMESTER HOURS

5. A minor **is not** required.

6. **GENERAL ELECTIVES 25 Semester Hours** ___ ___ ___

The behavioral science major is encouraged to select electives related to work in the human services field. Such electives would include additional psychology and sociology courses, but no more than 12 semester hours in these areas, and Human Anatomy and Physiology, Human Sexuality, and Criminal Justice. ___ ___ ___

7. **TOTAL HOURS FOR GRADUATION 128 SEMESTER HOURS**

The following minors can be obtained in the area of Behavioral Science:

- Behavioral Science
- Gender and Multicultural Studies
- Gerontology
- Psychology
- Sociology

Course requirements for these minors can be found at the end of the College of Arts and Sciences section of the catalog.

BIOLOGY (BI)

The bachelor's degree in Biology prepares students for careers in research and technical areas requiring a baccalaureate degree and for pursuing graduate studies through comprehensive science education encompassing standard academic courses in biology, chemistry, mathematics, and computer science. Program graduates have the skills and competencies to gain employment in government and industry careers requiring a knowledge base in biology, including medical and other health-related fields, seek admission to graduate and/or professional programs, and teach science at the secondary school level. The Department of Biology sponsors majors leading to the Bachelor of Science degree and to the Bachelor of Science degree with teacher licensure (6-12). Biology and Marine Science minors also are offered.

Bachelor of Science - Biology Major MAJOR CODE: 26.0101

Program components for the Bachelor of Science degree with a major in Biology include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Precalculus Algebra or higher	3 semester hours	___	
Principles of Biology I and II	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
TOTAL GENERAL EDUCATION REQUIREMENTS	41 SEMESTER HOURS		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

The biology major must complete:			
College Chemistry I	4 semester hours	___	
College Chemistry II	4 semester hours	___	
Biology or Chemistry Elective	4 semester hours	___	
Elementary Statistics or Calculus I	3-4 semester hours	___	
Fundamentals of Organic Chemistry or Organic Chemistry I	3-4 semester hours	___	
CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
TOTAL MAJOR PREREQUISITE HOURS:	22-24 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:	63-65 SEMESTER HOURS		

4. **PROFESSIONAL COURSES:**

BI 301/BI 301L Cell Structure and Function	4 semester hours	___
BI 302/BI 302L Genetics	4 semester hours	___
*BI 303/BI 303L General Ecology <u>or</u> BI 453/BI 453L Plant Ecology	4 semester hours	___
BI 470 Biology Capstone	1 semester hour	___

Select a minimum of 18 semester credit hours from among the following biology courses:

BI 300/BI 300L Microbes and You	4 semester hours	___
BI 303/BI 303L General Ecology	4 semester hours	___
BI 311/BI 311L Biodiversity of North Alabama	4 semester hours	___
BI 321 Conservation Biology	3 semester hours	___
BI 336 Digital Microphotography and Image Analysis	3 semester hours	___
BI 342/BI 342L Economic Botany	4 semester hours	___
BI 361/BI 361L Human Structure and Function	4 semester hours	___
BI 409 Biochemistry	3 semester hours	___
BI 411/BI 411L Invertebrate Systematics and Morphology	4 semester hours	___
BI 413/BI 413L Vertebrate Biology	4 semester hours	___
BI 414/BI 414L Comparative Vertebrate Anatomy	4 semester hours	___
BI 415 Microbial Toxins and Human Health	3 semester hours	___
BI 420 Field Vertebrate Zoology I: Ichthyology and Herpetology	4 semester hours	___
BI 422 Field Vertebrate Zoology II: Ornithology and Mammalogy	4 semester hours	___
BI 423/BI 423L Histology	4 semester hours	___
BI 424/BI 424L Animal Physiology	4 semester hours	___
BI 425/BI 425L Developmental Biology	4 semester hours	___
BI 427/BI 427L Parasitology	4 semester hours	___
BI 429/BI 429L Immunology	4 semester hours	___
BI 431/BI 431L Plant Systematics and Morphology	4 semester hours	___
BI 434 Sample to Sequence	4 semester hours	___
BI 451/451L Marine Biology	4 semester hours	___
BI 452/BI 452L Marine Ecology	4 semester hours	___
BI 453/453L Plant Ecology	4 semester hours	___

*Students may take both ecology (BI 303/BI 303L and BI 453/BI 453L) courses and count one as a biology elective.

TOTAL PROFESSIONAL HOURS: 31 SEMESTER HOURS

5. The Biology major must complete a minimum of 18 semester hours of upper division biology coursework, at least 12 semester hours of which must be taken at Athens State University. Courses taken under the S.I.R. agreement do not constitute upper division coursework. The major who plans to attend graduate, medical, or other professional (e.g., veterinary, chiropractic, optometry, pharmacy) school, or who seeks special licensure or certification (e.g., physical therapist, wildlife biologist) should determine the specific recommendations or requirements of the particular school, licensing or certifying agency for science and mathematics coursework and complete the recommended or required coursework. A program of study tailored to meet specific recommendations and/or requirements for science and mathematics coursework then will be developed for the major in consultation with his or her Faculty Advisor. In general, the following courses or their equivalents frequently are recommended or required:

Calculus I, II (MA 303, 304)	Physics (PY 301, 302)
Organic Chemistry (CH 311, 312)	Biochemistry (BI 409 or CH 409)

6. A minor is required. 18 semester hours

7. **GENERAL ELECTIVES** **12 semester hours** ___ ___ ___ ___

8. **TOTAL HOURS FOR GRADUATION** **124-126 SEMESTER HOURS**

9. **Exit examination (required):** The Department of Biology administers an exit examination to its majors. The examination serves the following purposes:

- (1) Establishes a benchmark for assessing knowledge gained as a result of completing the biology major at Athens State University;
- (2) Assesses preparedness for graduate study or for admission to professional school; and
- (3) Assesses preparedness for a career as a biologist.

There is no cost for taking the examinations; nor is it necessary to undertake any special preparation for the examination. Exit examination questions are drawn from the following areas: Cellular Biology, Ecology (including Field Ecology), Genetics, Vascular and Non-vascular Botany, and Invertebrate and Vertebrate Zoology. The examination is designed to be completed in 60 minutes. The exit examination is administered during the term at the end of which the major expects to graduate. Contact the Office of Testing (256-233-6540) to schedule an appointment.

Exit examination _____

The following minors can be obtained in the area of Biology:

- **Biology**
- **Marine Science**

Course requirements for these minors can be found at the end of the College of Arts and Sciences section of the catalog.

MARINE ENVIRONMENTAL SCIENCES CONSORTIUM

Athens State University is a member of the Marine Environmental Sciences Consortium, based at Dauphin Island, Alabama. This affiliation offers Athens State University students an opportunity to take courses and conduct research in estuarine and marine environments. Courses offered during the summer at Dauphin Island Sea Lab may be taken for credit at Athens State University toward a major or minor in biology or a minor in marine science. Some of the course offerings cannot be taken for biology major or minor credit. All programs of study that involve marine science courses must be approved by the MESC liaison. A Dauphin Island Sea Lab Information Bulletin listing summer school course offerings can be obtained early in the spring semester from a member of the Athens State University Department of Biology. Active courses of undergraduate instruction sponsored by the Consortium include the following:

Coastal Birds of Alabama	Coral Reef Ecology	Marine Technical Methods
Marine Biology	Oceanology of the Gulf of Mexico	Coastal Geomorphology
Marine Invertebrate Zoology	Advanced Anatomy and Evolution of Marine Fishes	Coastal Climatology
Marine Botany	Introduction to Neurobiology	Marine Aquaculture
Marine Geology	Marine Fish Diseases	Coastal Zone Management
Marine Ecology	Introduction to Oceanography	Dolphins and Whales
Marine Vertebrate Zoology		Marine Behavioral Ecology

Bachelor of Science - Biology Major
(Licensure and Certification Track for Teaching in Secondary Education) (Grades 6-12)
MAJOR CODE: 26.0101

(Due to the No Child Left Behind Federal Act of 2001, the program listed below may have changed. See your advisor.)

NOTE: To receive certification in grades 6-12, the students MUST:

- 1) complete the below listed requirements to include the minor for certification and licensure;
- 2) maintain a grade point average of at least a 2.5 on a 4.0 scale in the teaching field and overall education. A 2.75 is required in the professional studies. This is a requirement for student teaching and for graduation.
- 3) repeat courses in which D's and F's are made and realize that all attempts are calculated in the GPA.
- 4) understand that underlined courses in the minor require admission into the Teacher Education Program (TEP).

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the gen. ed. requirements for the degree.
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED. PLEASE FOLLOW CAREFULLY.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities and Fine Arts (12 semester hours)			
Fine Arts	3 semester hours	___	
Speech (SPH 106 or SPH 107)	3 semester hours	___	
Other Humanities/Fine Arts course	3 semester hours	___	
Literature*	3 semester hours	___	
	or	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Precalculus Algebra or higher	3 semester hours	___	
Principles of Biology I and II	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
History*	3 semester hours	___	
	or	6 semester hours	___
General Psychology	3 semester hours	___	
Other History/Behavioral or Social Science elective	3 semester hours	___	

*Students must complete a 6 semester hour sequence either in Area II Literature or Area IV History.

TOTAL GENERAL EDUCATION REQUIREMENTS: 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

The biology major must complete:

College Chemistry I	4 semester hours	___
College Chemistry II	4 semester hours	___
Biology or Chemistry Elective	4 semester hours	___
Elementary Statistics or Calculus I	3-4 semester hours	___
Fundamentals of Organic Chemistry or Organic Chemistry I	3-4 semester hours	___
Electives	3-5 semester hours	___

TOTAL MAJOR PREREQUISITE HOURS: 21-25 SEMESTER HOURS

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: 62-66 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**

BI 301/BI 301L Cell Structure and Function	4 semester hours	___
BI 302/BI 302L Genetics	4 semester hours	___
BI 303/BI 303L General Ecology	4 semester hours	___

Select a minimum of 18 semester credit hours from among the following biology courses:

BI 300/BI 300L Microbes and You	4 semester hours	___
BI 311/BI 311L Biodiversity of North Alabama	4 semester hours	___
BI 321 Conservation Biology	3 semester hours	___
BI 336 Digital Microphotography and Image Analysis	3 semester hours	___
BI 342/BI 342L Economic Botany	4 semester hours	___
BI 361/BI 361L Human Structure and Function	4 semester hours	___
BI 409 Biochemistry	3 semester hours	___
BI 411/BI 411L Invertebrate Systematics and Morphology	4 semester hours	___
BI 413/BI 413L Vertebrate Biology	4 semester hours	___
BI 414/BI 414L Comparative Vertebrate Anatomy	4 semester hours	___
BI 415 Microbial Toxins and Human Health	3 semester hours	___
BI 420 Field Vertebrate Zoology I: Ichthyology and Herpetology	4 semester hours	___
BI 422 Field Vertebrate Zoology II: Ornithology and Mammalogy	4 semester hours	___
BI 423/BI 423L Histology	4 semester hours	___
BI 424/BI 424L Animal Physiology	4 semester hours	___
BI 425/BI 425L Developmental Biology	4 semester hours	___
BI 427/BI 427L Parasitology	4 semester hours	___
BI 429/BI 429L Immunology	4 semester hours	___
BI 431/BI 431L Plant Systematics and Morphology	4 semester hours	___
BI 451/BI 451L Marine Biology	4 semester hours	___
BI 452/BI 452L Marine Ecology	4 semester hours	___
BI 453/BI 453L Plant Ecology	4 semester hours	___
BI 457 AMSTI/SIM Laboratory Technologies for Teachers	3 semester hours	___

TOTAL PROFESSIONAL HOURS: 30 SEMESTER HOURS

5. The Biology major must complete a minimum of 18 semester hours of upper division biology coursework, at least 12 semester hours of which must be taken at Athens State University. Courses taken under the S.I.R. agreement do not constitute upper division coursework.

6. **COURSES FOR CERTIFICATION:**

ED 301 Foundations of Education I	3 semester hours	___
ED 302 Foundations of Education II	3 semester hours	___
ED 305 Technology & Media in Education	3 semester hours	___
SC 331 <u>Classroom Management in Secondary Education</u>	3 semester hours	___
SC 333 <u>Teaching Reading/Writing in the Content Areas</u>	3 semester hours	___
SC 362 <u>Assessment and Evaluation in Secondary Education</u>	3 semester hours	___
PS 334 Adolescent Psychology	3 semester hours	___
SE 301 Introduction to Exceptional Learners	3 semester hours	___
BI 456 <u>Materials/Methods of Teaching Biology in the Middle School/High School</u>	3 semester hours	___
SC 486 <u>Internship in High School Education</u>	9 semester hours	___ ___ ___

TOTAL REQ. FOR LICENSURE/CERTIFICATION: 36 SEMESTER HOURS

TOTAL HOURS FOR GRADUATION 128-132 SEMESTER HOURS

7. Courses underlined require admission to the Teacher Education Program (TEP) and may not be transferred from another university.

8. Each student will be required to produce course syllabi and/or course descriptions for courses they wish to transfer towards their Professional Courses requirements. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as transfer credit after they evaluate the syllabi.

CHEMISTRY (CH)

The bachelors degree in Chemistry prepares students for careers in industry or government, graduate or professional study, or secondary school teaching. By means of a rigorous program of chemistry courses through formal classroom instruction, laboratory exercises involving wet chemistry, instrumentation, and computer software packages, directed study, and research, students obtain a strong academic background in chemistry and its applications. The curriculum offers flexibility for students to design and prepare for their chosen career or educational path by selecting appropriate electives based on their particular area of interest. The program's goals are aimed at: (1) providing a knowledge base of chemistry theory and concepts; (2) teaching a systematic, thoughtful approach to problem solving; and (3) having graduates communicate scientific information clearly and concisely.

Bachelor of Science - Chemistry Major MAJOR CODE: 40.0501

Program components for the Bachelor of Science degree with a major in Chemistry include:

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total degree requirements as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition		6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course		3 semester hours	___
At least one literature course		3 semester hours	___
Other Humanities/Fine Arts courses		6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (12 semester hours)			
Calculus I*		4 semester hours	___
College Chemistry I and II		8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course		3 semester hours	___
Other History/Behavioral or Social Science courses		9 semester hours	___ ___ ___

***Prerequisites: Precalculus Algebra and Precalculus Trigonometry**

TOTAL GENERAL EDUCATION REQUIREMENTS 42 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL COURSES):

Calculus II	4 semester hours	___
Calculus III	4 semester hours	___
General Physics I (Calculus based)	4 semester hours	___
General Physics II (Calculus based)	4 semester hours	___
Microcomputer Applications	3 semester hours	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___
Electives	2 semester hours	___

TOTAL MAJOR PREREQUISITE HOURS: 22 SEMESTER HOURS

TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS: 64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**
- | | | |
|---|------------------|-----|
| CH 311/CH 311L Organic Chemistry I | 5 semester hours | ___ |
| CH 312/CH 312L Organic Chemistry II | 5 semester hours | ___ |
| CH 314 /CH 314L Polymer Science | 4 semester hours | ___ |
| CH 324/CH 324L Analytical Chemistry | 4 semester hours | ___ |
| CH 330 Environmental Chemistry** | 3 semester hours | ___ |
| CH 410/CH 410L Instrumental Analysis | 4 semester hours | ___ |
| CH 420 Intermediate Inorganic Chemistry | 3 semester hours | ___ |
| CH 430/CH 430L Physical Chemistry I | 5 semester hours | ___ |
| CH 431/CH 431L Physical Chemistry II | 4 semester hours | ___ |
- **The major who plans to attend medical school or health related professional (e.g., veterinary, chiropractic, osteopathic, pharmacy) schools may substitute CH 409 Biochemistry for either CH 314 or CH 330.

TOTAL PROFESSIONAL HOURS: 37 SEMESTER HOURS

5. The chemistry major must complete a minimum of 24 semester hours of upper division 300/400 level chemistry coursework at Athens State University. For those majors who plan to attend graduate, medical, or other professional school, the following courses are recommended:

- CH 409 Biochemistry
- MA 321 Differential Equations

6. A minor **is not** required.

7. **GENERAL ELECTIVES:** 27 semester hours ___ ___ ___ ___
 ___ ___ ___ ___

8. **TOTAL HOURS FOR GRADUATION 128 SEMESTER HOURS**

9. **Exit Examination:** During the final term of enrollment at Athens State, the chemistry major must complete the major field achievement examination for chemistry.

The following minor can be obtained in the area of Chemistry:

- Chemistry

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

Bachelor of Science - Chemistry Major
(Licensure and Certification Track for Teaching in Secondary Education) (Grades 6-12)

MAJOR CODE: 40.0501

(Due to the No Child Left Behind Federal Act of 2001, the program listed below may have changed. See your advisor.)

NOTE: To receive certification in grades 6-12, the students MUST:

- 1) complete the below listed requirements to include the minor for certification and licensure;
- 2) maintain a grade point average of at least a 2.5 on a 4.0 scale in the teaching field and overall education. A 2.75 is required in the professional studies. This is a requirement for student teaching and for graduation.
- 3) repeat courses in which D's and F's are made and realize that all attempts are calculated in the GPA.
- 4) understand that underlined courses in the minor require admission into the Teacher Education Program (TEP).

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED. PLEASE FOLLOW CAREFULLY.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities and Fine Arts (12 semester hours)			
The Arts	3 semester hours	___	
Speech (SPH 106 or SPH 107)	3 semester hours	___	
Humanities Elective	3 semester hours	___	
Literature*	3 semester hours	___	
	or 6 semester hours	___	___
Area III. Natural Sciences and Mathematics (12 semester hours)			
Calculus I**	4 semester hours	___	
College Chemistry I and II	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
History*	3 semester hours	___	
	or 6 semester hours	___	___
General Psychology	3 semester hours	___	
Other History/Behavioral or Social Science Elective	3 semester hours	___	

***Students must complete a 6 semester hour sequence in either Area II Literature or Area IV History.**

****Prerequisites: Precalculus Algebra and Precalculus Trigonometry**

TOTAL GENERAL EDUCATION REQUIREMENTS: 42 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

Calculus II	4 semester hours	___
Calculus III	4 semester hours	___
General Physics I (Calculus based)	4 semester hours	___
General Physics II (Calculus based)	4 semester hours	___
Electives	6 semester hours	___

TOTAL MAJOR PREREQUISITE HOURS: 22 SEMESTER HOURS

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: 64 SEMESTER HOURS

4. PROFESSIONAL COURSES:	
CH 311/CH 311L Organic Chemistry I	5 semester hours ___
CH 312/CH 312L Organic Chemistry II	5 semester hours ___
CH 324 /CH 324L Analytical Chemistry	4 semester hours ___
CH 330 Environmental Chemistry	3 semester hours ___
CH 409 Biochemistry	3 semester hours ___
CH 410/CH 410L Instrumental Analysis	4 semester hours ___
CH 420 Intermediate Inorganic Chemistry	3 semester hours ___
CH 430/CH 430L Physical Chemistry I	5 semester hours ___
CH 431/CH 431L Physical Chemistry II	4 semester hours ___
TOTAL PROFESSIONAL HOURS:	36 SEMESTER HOURS

5. The chemistry major must complete a minimum, of 24 semester hours of upper division 300/400 level chemistry coursework at Athens State University.

6. **Exit Examination:** During the final term of enrollment at Athens State, the chemistry major must complete the major field achievement examination for chemistry.

7. COURSES FOR CERTIFICATION:	
ED 301 Foundations of Education I	3 semester hours ___
ED 302 Foundations of Education II	3 semester hours ___
ED 305 Technology & Media in Education	3 semester hours ___
SC 331 <u>Classroom Management in Secondary Education</u>	3 semester hours ___
SC 333 <u>Teaching Reading/Writing in the Content Areas</u>	3 semester hours ___
SC 362 <u>Assessment and Evaluation in Secondary Education</u>	3 semester hours ___
PS 334 Adolescent Psychology	3 semester hours ___
SE 301 Introduction to Exceptional Learners	3 semester hours ___
CH456 <u>Materials and Methods of Teaching Chemistry in Middle School/ High School</u>	3 semester hours ___
SC486 <u>Internship in High School Education</u>	9 semester hours ___ ___ ___
TOTAL REQ. FOR LICENSURE/CERTIFICATION	36 SEMESTER HOURS

TOTAL HOURS FOR GRADUATION 136 SEMESTER HOURS

8. Courses underlined require admission to the Teacher Education Program (TEP) and may not be transferred from another university.

9. Each student will be required to produce course syllabi and/or course descriptions for courses they wish to transfer towards their Professional Courses requirements. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as transfer credit after they evaluate the syllabi.

COMPUTER SCIENCE (CS)

The bachelors degree in Computer Science provides students with a strong foundation in programming, problem analysis, problem solving, and software engineering. There are two additional options to the Computer Science Degree: Computer Informations Systems (CIS Option) and Computer Networking (CN Option). The CIS option provides students with a foundation in business and information systems to complement the core requirements in problem solving and programming. The CN option tailors the program for those students seeking expertise in the development, design, and administration of computer networks.

CS, CIS and CN curricula emphasize structured programming, problem solving, and software engineering, and require significant hands-on experience using hardware and software resources available in state-of-the-art computer laboratories maintained by the Department.

The CS curriculum is designed to prepare students for the job market and/or for graduate school.

The CIS curriculum focuses on problem solving in a business environment. The goal of this curriculum is to prepare the student for the job market as a technically oriented member of an information systems development team.

The Computer Networking (CN) program focuses on the technical aspects of computer networking. Combined with the structured programming features found in both the CS and CIS curricula, the student should be well prepared for the job market.

The Computer Science Department imposes the following requirements and restrictions on accepting computer science courses from other institutions:

- No RPG or computer applications courses will be accepted.
- Not more than 3 semester hours of FORTRAN will be accepted.
- Introduction to Information Systems and Basic Programming will not be accepted as electives.
- “System Analysis and Design” courses cannot be substituted for CS 451 or CS 452.
- “Work-based experience” credit cannot be substituted for CS 451 or CS 452 or CN courses.
- Locally administered certification examinations are not accepted.

Bachelor of Science - Computer Science Major
MAJOR CODE: 11.0101A

Program components for the Bachelor of Science degree with a major in Computer Science include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Precalculus Algebra <u>or</u> Precalculus Algebra and Trigonometry	3 semester hours	___	
Natural Sciences (lab based)	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	<u>41 SEMESTER HOURS</u>		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL COURSES):**

Precalculus Trigonometry*	3 semester hours	___
Calculus I	4 semester hours	___
Calculus II	4 semester hours	___
Calculus III	4 semester hours	___
Microcomputer Applications	3 semester hours	___
Computer Programming Class	3 semester hours	___
HU 321 Research Sources and Skills <u>or</u> its equivalent	1 semester hour	___
General Electives	0-1 semester hour	___

*If Precalculus Algebra (3 semester hours) is completed to satisfy the Area III mathematics requirement, the student should complete Precalculus Trigonometry (3 semester hours) in addition to Precalculus Algebra. Completion of Precalculus Algebra and Trigonometry (4 semester hours) will satisfy both the Area III mathematics requirement and the Area V requirement for Trigonometry. If 4 semester hour PreCalculus has been taken, additional general electives may be required.

TOTAL MAJOR PREREQUISITE HOURS: 22-23 SEMESTER HOURS

TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS: 63-64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**

MA 308 Discrete Mathematics	3 semester hours	___
MA 331 Applied Probability and Statistics	3 semester hours	___
CIS 440 Database Systems.....	3 semester hours	___
CN 301 Networking Fundamentals	2 semester hours	___
CN 302 Local Area Networks.....	2 semester hours	___
CS 309 Introduction to Digital Logic Design	3 semester hours	___
CS 309L Digital Design Lab	1 semester hour	___
CS 317 Computer Science I.....	3 semester hours	___
CS 318 Computer Science II	3 semester hours	___
CS 340 Introduction to Assembly Language	3 semester hours	___
CS 372 Data Structures	3 semester hours	___
CS 414 Programming Languages	3 semester hours	___
CS 415 Operating Systems	3 semester hours	___
CS 417 Topics in Object Oriented Programming	3 semester hours	___
CS 451 Software Engineering	3 semester hours	___
CS 452 Senior Software Engineering Project	3 semester hours	___
CS 452L Senior Software Engineering Project Lab	1 semester hour	___
CS 472 Algorithm Analysis	3 semester hours	___
Upper Level 300/400 Computer Science Electives*	6 semester hours	___ ___
Upper Level 300/400 Computer Science and Mathematics Electives**	6 semester hours	___ ___

*Any Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) course to be used as an upper level Computer Science elective must have prior approval of the student's Faculty Advisor.

**Any Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN), or Mathematics (MA) courses (MA 316 Vector Analysis or above) to be used as an upper level Computer Science and Mathematics elective must have prior approval of the student's Faculty Advisor.

TOTAL PROFESSIONAL HOURS 60 SEMESTER HOURS

5. The Computer Science major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in computer science (CS), Computer Information Systems (CIS), or Computer Networking (CN) at Athens State University. At least 6 semester hours of CS, CIS, or CN electives must be completed at Athens State University.

6. A minor **is not** required.

7. **GENERAL ELECTIVES 1-4 Semester Hours** ___ ___

8. **TOTAL HOURS FOR GRADUATION 124-128 SEMESTER HOURS**

9. **Pre-assessment and Exit Examinations:** The Department of Computer Science requires all CS majors to complete an exit examination to graduate; however, the result of this examination is not a criterion for graduation.

The following minors can be obtained in the area of Computer Science:

- **Computer Information Systems**
- **Computer Networking**

Course requirements for these minors can be found at the end of the College of Arts and Sciences section of the catalog.

Bachelor of Science - Computer Science Major
(Computer Information Systems Option)
MAJOR CODE: 11.0101B

Program components for the Bachelor of Science degree with a major in Computer Science - Computer Information Systems Option) include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS.**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
 Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
 Area III. Mathematics and Natural Sciences (11 semester hours)			
Precalculus Algebra or higher	3 semester hours	___	
Natural Sciences (lab based)	8 semester hours	___	___
 Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Economics (ECO 231 Principles of Economics) required	3 semester hours	___	
Other History/Behavioral or Social Science courses	6 semester hours	___	___
 <u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>		<u>41 SEMESTER HOURS</u>	

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

Business Calculus	3 semester hours	___	
Principles of Accounting	3 semester hours	___	
Statistical Methods of Business I	3 semester hours	___	
Microcomputer Applications	3 semester hours	___	
Web Programming or Web Development course	3 semester hours	___	
Computer Programming Courses (any language)	6 semester hours	___	___
HU 321 Research Sources and Skills <u>or</u> its equivalent	1 semester hour	___	
General Electives	0-1 semester hour	___	
 TOTAL MAJOR PREREQUISITE HOURS:		22-23 SEMESTER HOURS	
 TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:		63-64 SEMESTER HOURS	

4. **PROFESSIONAL COURSES:**

CIS 325 The Digital Enterprise	3 semester hours	___
CIS 365 Visual Application Development	3 semester hours	___
CIS 440 Database Systems	3 semester hours	___
CIS 450 Human-Computer Interaction	3 semester hours	___
CS 309 Digital Logic Design	3 semester hours	___
CS 309L Digital Logic Design Lab	1 semester hour	___
CS 317 Computer Science I	3 semester hours	___
CS 318 Computer Science II	3 semester hours	___
CS 372 Data Structures	3 semester hours	___
CS 451 Software Engineering	3 semester hours	___
CS 452 Senior Software Engineering Project	3 semester hours	___
CS 452L Senior Software Engineering Project Lab	1 semester hour	___
MA 308 Discrete Mathematics	3 semester hours	___
MG 346 Principles of Management and Leadership	3 semester hours	___
MG 350 Financial Management	3 semester hours	___
MG 353 Project Management	3 semester hours	___
MK 331 Marketing Principles	3 semester hours	___
Upper Level Computer Science Electives*	6 semester hours	___ ___

*Any Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) course to be used as an upper level Computer Science elective must have prior approval of the student's Faculty Advisor.

TOTAL PROFESSIONAL HOURS 53 SEMESTER HOURS

5. The Computer Information Systems major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) at ASU. At least 6 semester hours of CS, CIS, or CN electives must be completed at Athens State University.

6. A minor is **not** required.

7. **GENERAL ELECTIVES** **8-11 Semester Hours** ___ ___

8. **TOTAL HOURS FOR GRADUATION** **124-128 SEMESTER HOURS**

9. **Pre-assessment and Exit Examination:**

For a CS major to graduate from Athens State University, the Department of Computer Science requires all CS majors to complete an exit examination; however, the result of this examination is not a criterion for graduation.

Bachelor of Science - Computer Science Major
(Computer Networking Option)
MAJOR CODE: 11.0101C

Program components for the Bachelor of Science degree with a major in Computer Science - Computer Networking Option include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS.**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)		
At least one fine arts course	3 semester hours	___
At least one literature course	3 semester hours	___
Other Humanities/Fine Arts courses	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)		
Precalculus Algebra or higher	3 semester hours	___
Natural Sciences (lab based)	8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)		
At least one history course	3 semester hours	___
Other History/Behavioral or Social Science courses	9 semester hours	___ ___ ___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	41 SEMESTER HOURS	

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL)**

Calculus I or Business Calculus	3-4 semester hours	___
Principles of Accounting	3 semester hours	___
Statistical Methods of Business I	3 semester hours	___
Computer Programming courses (any language)	6 semester hours	___ ___
Microcomputer Applications	3 semester hours	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___
General Electives	0-3 semester hours	___

TOTAL MAJOR PREREQUISITE HOURS: 19-23 SEMESTER HOURS

TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS: 60-64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**

CN 301 Network Fundamentals	2 semester hours	___
CN 302 Local Area Networks	2 semester hours	___
CN 303 Wide Area Networks	2 semester hours	___
CN 304 Network Architectures	2 semester hours	___
CN 401 Internetworking Devices	2 semester hours	___
CN 402 The Internet	2 semester hours	___
CN 403 Network Processes and Protocols	2 semester hours	___
CN 404 Enterprise Network Design	2 semester hours	___
CS 309 Introduction to Digital Logic Design	3 semester hours	___
CS 309L Introduction to Digital Logic Design Lab.....	1 semester hour	___
CS 317 Computer Science I	3 semester hours	___
CS 318 Computer Science II	3 semester hours	___
CS 340 Introduction to Assembly Language	3 semester hours	___
CS 372 Data Structures	3 semester hours	___
CS 409 Computer Organization and Architecture	3 semester hours	___
CS 415 Operating Systems	3 semester hours	___
CS 451 Software Engineering	3 semester hours	___
CS 452/ CS 452L Senior Software Engineering Project	4 semester hours	___
MA 308 Discrete Mathematics	3 semester hours	___
Upper Level 300/400 Computer Science Elective*	3 semester hours	___
Upper Level 300/400 Computer Science <u>or</u> Mathematics Elective**	3 semester hours	___

*Any Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) course to be used as an upper level Computer Science elective must have prior approval of the student's Faculty Advisor.

**Any Computer Science (CS), Computer Information Systems (CIS), Computer Networking (CN), or Mathematics (MA) course (MA 316 Vector Analysis or above) to be used as an upper level Computer Science or Mathematics elective must have prior approval of the student's Faculty Advisor.

TOTAL PROFESSIONAL HOURS: 54 SEMESTER HOURS

5. **The Computer Networking major must complete a minimum of 19 semester hours of upper division 300/400 level coursework in Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) at Athens State University. At least 6 semester hours of CS, CIS, CN or Math electives must be completed at Athens State University.**

6. A minor is not required.

7. **GENERAL ELECTIVES 10 SEMESTER HOURS**

8. **TOTAL HOURS FOR GRADUATION: 124-128 SEMESTER HOURS**

9. **PRE-ASSESSMENT AND EXIT EXAMINATIONS:**

For a CS major to graduate from Athens State University, the Department of Computer Science requires all CS majors to complete an exit examination; however, the result of this examination is not a criterion for graduation.

ENGLISH (EH)

The bachelors degree in English aspires to foster life-long learning through expanding literacy and opportunities and an ever-widening understanding of ideas, people, cultures, and histories that shape humanity. The program emphasizes the varied language arts, particularly drama, literature, speech, and writing, and promotes critical reading of literature from a wide range of diverse authors and genres, as well as through analytic and creative writing. Through rigorous coursework, English majors develop their abilities to think clearly, reach well-reasoned decisions, improve self-esteem, and take active and responsible roles in their communities. Program graduates have the skills and competencies to pursue further studies, teach English/Language Arts at the secondary school level, or enter a wide range of career fields.

Bachelor of Arts - English Major MAJOR CODE: 23.0101

Program components for the Bachelor of Arts degree with a major in English include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	41 SEMESTER HOURS		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

CIS 146 Microcomputer Applications <u>or</u>			
CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills <u>or</u> its equivalent	1 semester hour	___	
General Electives	15 semester hours	___	___

TOTAL MAJOR PREREQUISITE COURSES **19 SEMESTER HOURS**

TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS: **60 SEMESTER HOURS**

4. PROFESSIONAL COURSES:		
EH 312 Dramatic Literature	3 semester hours	___
EH 325 Myth: Ritual and Culture	3 semester hours	___
EH 330 Literary and Critical Theory	3 semester hours	___
EH 414 History of the English Language	3 semester hours	___
EH 431 Poetry and Poetics	3 semester hours	___
EH 425 Shakespeare: The Sonnets and the Plays	3 semester hours	___
EH 433 Fiction	3 semester hours	___
EH 452 Chaucer and Medieval Literature	3 semester hours	___
EH 469 English Capstone Seminar (must be taken during semester in which student graduates)	1 semester hour	___
Electives in English	15 semester hours	___ ___ ___ ___
		___ ___

Choose from the following courses:

- EH 304 Southern Literature
- EH 307 Major Authors I
- EH 308 Major Authors II
- EH 314 Nineteenth Century British Studies
- EH 316 American Masterpieces
- EH 400 Creative Writing
- EH/RE 416 Interpreting the Text
- EH 440 African-American Studies
- EH 450 Renaissance Literature 1550-1680
- EH 451 The British Novel
- EH 454 Young Adult Literature

TOTAL PROFESSIONAL HOURS: 40 SEMESTER HOURS

- 5. A minor is required. **18 Semester Hours**
- 6. All B.A. English majors must take an exit exam, which will be administered in EH 469 English Capstone Seminar.
- 7. **GENERAL ELECTIVES 6 Semester Hours** ___ ___
- 8. **TOTAL HOURS FOR GRADUATION: 124 SEMESTER HOURS**

The following minors can be obtained in the area of English:

- English
- Drama

Course requirements for these minors can be found at the end of the College of Arts and Sciences section of the catalog.

Bachelor of Arts - English Major
(Licensure and Certification Track for Teaching in Secondary Education) (Grades 6-12)
MAJOR CODE: 23.0101

(Due to the No Child Left Behind Federal Act of 2001, the program listed below may have changed. See your advisor.)

NOTE: To receive certification in grades 6-12, the students MUST:

- 1) complete the below listed requirements to include the minor for certification and licensure;
- 2) maintain a grade point average of at least a 2.5 on a 4.0 scale in the teaching field and overall education. A 2.75 is required in the professional studies. This is a requirement for student teaching and for graduation.
- 3) repeat courses in which D's and F's are made and realize that all attempts are calculated in the GPA.
- 4) understand that underlined courses in the minor require admission into the Teacher Education Program (TEP); and
- 5) complete the 18 semester hours in Literature sequences as required by the degree before being admitted to the Teacher Education Program.

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED. PLEASE FOLLOW CAREFULLY.

2. GENERAL EDUCATION REQUIREMENTS:

Area I.	Written Composition	6 semester hours	___	___
Area II.	Humanities and Fine Arts (12 semester hours)			
	ENG 261 English Literature I	3 semester hours	___	
	ENG 262 English Literature II	3 semester hours	___	
	SPH 106 Fundamentals of Speech Communication <u>or</u>			
	SPH 107 Fundamentals of Public Speaking	3 semester hours	___	
	THR120 Theatre Appreciation <u>or</u>			
	THR 126 Introduction to Theatre	3 semester hours	___	
Area III.	Natural Sciences and Mathematics (11 semester hours)			
	Finite Math or its equivalent required	3 semester hours	___	
	Natural Sciences (lab based required)	8 semester hours	___	___
Area IV.	History, Social and Behavioral Sciences (12 semester hours)			
	General Psychology	3 semester hours	___	
	Social and Behavioral Sciences	6 semester hours	___	___
	History	3 semester hours	___	

TOTAL GENERAL EDUCATION REQUIREMENTS: 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

ENG 251 American Literature I	3 semester hours	___	___	___
ENG 252 American Literature II	3 semester hours	___		
ENG 271 World Literature I	3 semester hours	___		
ENG 272 World Literature II	3 semester hours	___		
General Electives	9 semester hours	___	___	___

TOTAL MAJOR PREREQUISITE HOURS: 21 SEMESTER HOURS

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: 62 SEMESTER HOURS

4. PROFESSIONAL COURSES:		
EH 303 Journalism	3 semester hours	___
EH 311 Drama Production	3 semester hours	___
EH 312 Dramatic Literature	3 semester hours	___
EH 320 Grammar for Teachers	3 semester hours	___
EH 325 Myth: Ritual and Culture or EH 454 Young Adult Literature	3 semester hours	___
EH 401 Speech: Conflict Management	3 semester hours	___
EH 414 History of the English Language	3 semester hours	___
EH 425 Shakespeare	3 semester hours	___
EH 433 Fiction or EH 316 American Masterpieces	3 semester hours	___
EH 452 Chaucer and Medieval Literature	3 semester hours	___
TOTAL PROFESSIONAL HOURS:	33 SEMESTER HOURS	
5. COURSES FOR CERTIFICATION IN ENGLISH/LANGUAGE ARTS:		
ED 301 Foundations of Education I	3 semester hours	___
ED 302 Foundations of Education II	3 semester hours	___
ED 305 Technology & Media in Education	3 semester hours	___
SC 331 <u>Classroom Management in Secondary Education</u>	3 semester hours	___
SC 333 <u>Teaching Reading/Writing in the Content Areas</u>	3 semester hours	___
SC 362 <u>Assessment and Evaluation in Secondary Education</u>	3 semester hours	___
SE 301 Introduction to Exceptional Learners	3 semester hours	___
EH 457 <u>Materials and Methods of Teaching English/Language Arts in Middle School/High School</u>	3 semester hours	___
PS 334 Adolescent Psychology	3 semester hours	___
SC 486 <u>Internship in High School Education</u>	9 semester hours	___ ___ ___
TOTAL REQ. FOR LICENSURE/CERTIFICATION:	36 SEMESTER HOURS	
TOTAL HOURS FOR GRADUATION	131 SEMESTER HOURS	

6. Courses underlined require admission to the Teacher Education Program (TEP) and may not be transferred from another university.
7. Each student will be required to produce course syllabi and/or course descriptions for courses they may wish to transfer towards their Professional Courses requirements. This is an Alabama State Department of Education requirement. The Alabama State Department ultimately decides whether or not a course will count as transfer credit after the syllabi are evaluated.

HEALTH SCIENCE (HS)

The Health Science program culminates in a baccalaureate degree for nursing professionals or for students certified in allied health fields, including, but not limited to dental hygiene, medical records, medical technology, health physics or animal health technology. Program graduates will possess the skills and competencies necessary to analyze core elements of health care policies and develop effective strategies to ensure that quality health care is provided.

Bachelor of Science - Health Science Major MAJOR CODE: 51.9999

Program components for the Bachelor of Science degree with a major in Health Science include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Precalculus Algebra or higher	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	41 SEMESTER HOURS		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving With Computers	3 semester hours	___	
Biology, Chemistry, and/or Physics	16 semester hours	___	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
General Electives	3 semester hours	___	___
TOTAL MAJOR PREREQUISITE HOURS:	23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:	64 SEMESTER HOURS		

4. PROFESSIONAL COURSES:

The Health Science major culminates in a baccalaureate degree for nursing professionals, or for students who are certified in a para-medical field such as, but not limited to, dental hygiene, medical records, medical technology, health physics, or animal health technology. Professional course requirements are to be satisfied by successfully completing Major Prerequisite courses and the twelve-course professional core. Students interested in premedical professions and biomedical sciences are encouraged to take elective courses in the areas of biology, chemistry, and/or physics.

HCM340 Introduction to Health Care Systems	3 semester hours	___
HCM345 Management of Health Care Organizations	3 semester hours	___
HCM355 Survey of Issues in Health Care Management	3 semester hours	___
HPE 320 Nutrition	4 semester hours	___
HS 320 Biomedical Ethics	3 semester hours	___
HS 400 Public Safety and Health Education	3 semester hours	___
HS 447 Public Health Concepts and Systems	3 semester hours	___
HS 450 Introduction to Epidemiology	3 semester hours	___
HS 451 Environmental Health and Safety Systems	3 semester hours	___
PO 355 Health Policy in the United States	3 semester hours	___
PSHA401 Measurement and Evaluation	3 semester hours	___
PSHA465 Senior Research Project	4 semester hours	___

TOTAL PROFESSIONAL HOURS: 38 SEMESTER HOURS

5. A minor **is not** required.

6. **GENERAL ELECTIVES** **26 Semester Hours** ___ ___ ___ ___
 ___ ___ ___ ___
 ___ ___

7. TOTAL HOURS FOR GRADUATION 128 SEMESTER HOURS

HEALTH AND WELLNESS MANAGEMENT (HWM)

The Bachelor of Science degree in Health and Wellness Management provides students with a strong foundation on the basic biomechanical and physiological principles associated with human movement and the basic wellness concepts conducive to healthy lifestyles. Program graduates will have the skills and competencies necessary to pursue graduate studies, gain employment in a variety of health, fitness, sports medicine, and public safety career fields.

Bachelor of Science - Health and Wellness Management Major MAJOR CODE: 31.0504

Program components for the Bachelor of Science degree with a major in Health and Wellness Management include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities and Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Natural Sciences and Mathematics (11 semester hours)			
Finite Math or higher	3 semester hours	___	
Natural sciences (lab based required)	8 semester hours	___	___
Area IV. History, Social and Behavioral Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___

TOTAL GENERAL EDUCATION REQUIREMENTS 41 SEMESTER HOURS

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

Foundations of Physical Education or			
HPE 326 History and Principles of Physical Education	3 semester hours	___	
Personal or Community Health	3 semester hours	___	
Safety & First Aid or HPE 323 Aquatics and Advanced Lifesaving	3 semester hours	___	
Anatomy and Physiology	4 semester hours	___	
CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving with Computers	3 semester hours	___	
Treatment of Athletic Injuries or			
HPE 333 Care and Prevention of Athletic Injuries	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
General Electives	3 semester hours	___	

TOTAL MAJOR PREREQUISITE COURSES: 23 SEMESTER HOURS

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: 64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**

GS 320/320L or HPE 320 Nutrition	4 semester hours	___
HPE 325 Kinesiology	3 semester hours	___
HPE 327 Physiology of Exercise	3 semester hours	___
HPE 355 Health Related Fitness and Nutrition	3 semester hours	___
HPE 356 Health Promotions	3 semester hours	___
HS 450 Introduction to Epidemiology	3 semester hours	___
HS 451 Environmental Health and Safety Systems	3 semester hours	___
MG 349 Human Resources Management	3 semester hours	___
PSHA 354 Contemporary Health and Physical Education Activities	3 semester hours	___
PSHA 401 Measurement and Evaluation	3 semester hours	___
PSHA 447 Public Health Concepts and Systems	3 semester hours	___
PSHA 465 Senior Research Project	4 semester hours	___

TOTAL PROFESSIONAL HOURS: **38 SEMESTER HOURS**

5. **GENERAL ELECTIVES.....** **26 Semester Hours** ___ ___ ___ ___
 ___ ___ ___ ___

6. **TOTAL HOURS FOR GRADUATION:** **128 SEMESTER HOURS**

HISTORY (HY)

The bachelors degree in History aims to develop in its students an appreciation of our cultural heritage and an understanding of the world in which we live. Through rigorous coursework, students acquire an understanding of the chief personalities, events, and historical forces that have shaped American history, European history, and various areas of the non-Western world. Program graduates have the skills and competencies to pursue graduate studies, gain employment in positions open to a liberal studies orientation, or teach history at the secondary school level.

Bachelor of Arts - History Major MAJOR CODE: 54.0101

Program components for the Bachelor of Arts degree with a major in History include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
TOTAL GENERAL EDUCATION REQUIREMENTS	41 SEMESTER HOURS		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

The history major should complete a 6 hour semester sequence in history (Western Civilization, World History, or United States History) in addition to satisfying the Area IV requirement.

(In addition to Area IV)	6 semester hours	___	___
Electives in History	6 semester hours	___	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving with Computers	3 semester hours	___	
Free Electives.	7 semester hours	___	___

TOTAL MAJOR PREREQUISITE HOURS: **23 SEMESTER HOURS**

TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS: **64 SEMESTER HOURS**

4. **PROFESSIONAL COURSES:**
300 and 400 level courses:
 American History 12 semester hours ___ ___ ___ ___
 European History 12 semester hours ___ ___ ___ ___
 Non-Western History 6 semester hours ___ ___
 HY 451 Senior History Seminar 3 semester hours ___

TOTAL PROFESSIONAL HOURS: 33 SEMESTER HOURS

5. The student should realize that for graduate school a reading knowledge of one or two languages generally is required.

6. A minor is required. **18 semester hours**

7. **GENERAL ELECTIVES 12 semester hours** ___ ___ ___ ___

8. **TOTAL HOURS FOR GRADUATION 127 semester hours**

The following minor can be obtained in the area of History:

- **History**

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

Bachelor of Arts - History Major
(Licensure and Certification Track for Teaching in Secondary Education) (Grades 6-12)
MAJOR CODE: 54.0101

(Due to the No Child Left Behind Federal Act of 2001, the program listed below may have changed. See your advisor.)

NOTE: To receive certification in grades 6-12, the students MUST:

- 1) complete the below listed requirements to include the minor for certification and licensure;
- 2) maintain a grade point average of at least a 2.5 on a 4.0 scale in the teaching field and overall education. A 2.75 is required in the professional studies. This is a requirement for student teaching and for graduation.
- 3) repeat courses in which D's and F's are made and realize that all attempts are calculated in the GPA.
- 4) understand that underlined courses in the minor require admission into the Teacher Education Program (TEP); and
- 5) complete the 12 semester hours in History sequence as required by the degree before being admitted to the Teacher Education Program.

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS.

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED. PLEASE FOLLOW CAREFULLY.

2. GENERAL EDUCATION REQUIREMENTS:

Area I.	Written Composition	6 semester hours	___ ___
Area II.	Humanities and Fine Arts (12 semester hours)		
	The Arts	3 semester hours	___
	Speech (SPH 106 or SPH 107)	3 semester hours	___
	Humanities/Fine Arts Elective	3 semester hours	___
	Literature	3 semester hours	___
Area III.	Natural Sciences and Mathematics (11 semester hours)		
	Finite Math or higher	3 semester hours	___
	Natural Sciences (lab based required)	8 semester hours	___ ___
Area IV.	History, Social and Behavioral Sciences (12 semester hours)		
	U.S History I and II	6 semester hours	___ ___
	General Psychology	3 semester hours	___
	Behavioral Science <u>or</u> Social Science Elective	3 semester hours	___

TOTAL GENERAL EDUCATION REQUIREMENTS: 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

	CIS 146 Microcomputer Applications <u>or</u>	3 semester hours	___
	CIS 301 Problem Solving with Computers	6 semester hours	___ ___
	History of Western Civilization I, II <u>or</u> World History I, II*	12 semester hours	___ ___ ___ ___
	Free Electives		
	*History of Western Civilization <u>or</u> World History must be taken as a sequence.		

TOTAL MAJOR PREREQUISITE COURSE HOURS: 21 SEMESTER HOURS

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: 62 SEMESTER HOURS

4. **PROFESSIONAL COURSES**

American History	12 semester hours	___	___	___	___
European History	12 semester hours	___	___	___	___
Non-Western History (Neither American nor European)	6 semester hours	___	___		
HY 451 Senior History Seminar	3 semester hours	___			

TOTAL PROFESSIONAL HOURS: 33 SEMESTER HOURS

5. **COURSES FOR CERTIFICATION:**

ED 301 Foundations of Education I	3 semester hours	___			
ED 302 Foundations of Education II	3 semester hours	___			
ED 305 Technology & Media in Education	3 semester hours	___			
SC 331 <u>Classroom Management in Secondary Education</u>	3 semester hours	___			
SC 333 <u>Teaching Reading/Writing in the Content Areas</u>	3 semester hours	___			
SC 362 <u>Assessment and Evaluation in Secondary Education</u>	3 semester hours	___			
SE 301 Introduction to Exceptional Learners	3 semester hours	___			
PS 334 Adolescent Psychology	3 semester hours	___			
HY 302 Alabama History	3 semester hours	___			
HY 450 <u>Materials and Methods of Teaching History and Social Sciences in Middle School/High School</u>	3 semester hours	___			
SC 486 <u>Internship in High School Education</u>	9 semester hours	___	___	___	

TOTAL REQ. FOR LICENSURE/CERTIFICATION: 39 SEMESTER HOURS

TOTAL HOURS FOR GRADUATION: 134 SEMESTER HOURS

6. Courses underlined require admission to the Teacher Education Program (TEP) and may not be transferred from another university.
7. Each student will be required to produce course syllabi and/or course descriptions for courses they wish to transfer towards their Professional Courses requirements. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as transfer credit after the syllabi are evaluated.

JUSTICE STUDIES (JS)

The bachelors degree in Justice Studies provides students with a knowledge base of the criminal law process, theoretical concepts of crime causation and control, and policymaking and management practices within criminal justice agencies. Program graduates have the skills and competencies to pursue graduate studies in the criminal justice field or gain employment in positions in law enforcement, correctional administration, judicial administration, probation/parole, and security in government and private sectors.

Bachelor of Science - Justice Studies Major MAJOR CODE: 43.0104

Program components of the Bachelor of Science degree with a major in Justice Studies include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I.	Written Composition	6 semester hours	___	___
Area II.	Humanities/Fine Arts (12 semester hours)			
	At least one fine arts course	3 semester hours	___	
	At least one literature course	3 semester hours	___	
	Additional courses in Humanities/Fine Arts	6 semester hours	___	___
Area III.	Mathematics and Natural Sciences (11 semester hours)			
	Finite Math or its equivalent required	3 semester hours	___	
	Natural Sciences (lab based) required	8 semester hours	___	___
Area IV.	History/Behavioral and Social Sciences (12 semester hours)			
	At least one history course	3 semester hours	___	
	Additional courses in History/Behavioral and Social Sciences	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>		<u>41 SEMESTER HOURS</u>		

3. **MAJOR PREREQUISITE COURSES (PREPROFESSIONAL):**

	Introduction to Criminal Justice	3 semester hours	___	
	Law Enforcement or Policing or			
	Corrections or Security	3 semester hours	___	
	CIS 146 Microcomputer Applications or			
	CIS 301 Problem Solving with Computers	3 semester hours	___	
	HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
	General Electives	13 semester hours	___	___
TOTAL MAJOR PREREQUISITE HOURS:		23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:		64 SEMESTER HOURS		

4. PROFESSIONAL COURSES:		
JS 301 Criminal Justice Process	3 semester hours	___
JS/PO 302 Criminal Law	3 semester hours	___
JS 400 Law Enforcement in America	3 semester hours	___
JS/SO 401 Adult Corrections	3 semester hours	___
JS/SO 452 Advanced Criminology	3 semester hours	___
PO 303 Comparative State and Local Government	3 semester hours	___
PO/PS/SO 342 Methods of Behavioral Science Research or		
PSHA 401 Measurement and Evaluation	3 semester hours	___
MG/PSHA/PO 377 Public Administration	3 semester hours	___
JS/PO/PSHA 455 Public Administration Ethics	3 semester hours	___
JS 465 Senior Research Project	4 semester hours	___
Justice Studies Electives	6 semester hours	___ ___

TOTAL PROFESSIONAL HOURS: 37 SEMESTER HOURS

5. A minimum of 27 semester hours of upper division JS/PO/PSHA coursework must be completed at Athens State University.

6. A minor **is not** required.

7. **GENERAL ELECTIVES** **27 Semester Hours** ___ ___ ___ ___
 ___ ___ ___ ___

TOTAL HOURS FOR GRADUATION 128 SEMESTER HOURS

The following minor can be obtained in the area of Justice Studies:

- Justice Studies.

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

LIBERAL STUDIES

The Liberal Studies major is offered through the College of Arts and Sciences but does not fall under any specific academic department. The program is based on an interdisciplinary approach that allows students the flexibility to develop their own unique program of study by taking courses from any one of the Colleges of Arts and Sciences, Business, or Education. Primarily, the program serves the needs of those students seeking to enrich and to satisfy their personal educational goals through non-specialized collegiate study. The curriculum is structured to produce graduates who possess a diverse range of coursework appropriate to any career that demands a college education but is not closely linked to any particular field of study. Program graduates have the skills and competencies to pursue further studies or seek employment.

While generally no specified major courses are required for the Liberal Studies major, the student must comply with all requirements for the Bachelor of Science degree and applicable university requirements (See General University Requirements). Students will be required to select and pass a capstone course of their choice from one of the disciplines offered by the University. Students should make this decision based on advice from the Liberal Studies advisor.

The following limitations apply to the Bachelor of Science in Liberal Studies:

- A minor is not permitted in the Liberal Studies program.
- Liberal Studies may not be considered as a minor to any other degree program.
- Liberal Studies may not be considered as a second major with any other degree program.
- The Bachelor of Science in Liberal Studies degree will be awarded only to students who have not declared a major in another program of study.
- The Bachelor of Science in Liberal Studies degree will not be awarded concurrently with any other major.

Bachelor of Science - Liberal Studies Major MAJOR CODE: 24.0101

Program components for the Bachelor of Science degree with a major in Liberal Studies include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	.....	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	.....	3 semester hours	___
At least one literature course	.....	3 semester hours	___
Fine Arts/Humanities/Literature electives	.....	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	.....	3 semester hours	___
Natural Sciences (lab based) required	.....	8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	.....	3 semester hours	___
Additional History/Behavioral and Social Science courses	.....	9 semester hours	___ ___ ___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	.....	41 SEMESTER HOURS	

3. **PRE-PROFESSIONAL AND ELECTIVE COURSES:**

CIS 146 Microcomputer Applications or		
CIS 301 Problem Solving with Computers	3 semester hours	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___
General Electives	19 semester hours	

TOTAL PRE-PROFESSIONAL HOURS 23 SEMESTER HOURS

TOTAL GEN. ED. REQ. & PRE-PROFESSIONAL HOURS 64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**

General electives at the 300 and 400 level 60 semester hours*

*To include HU 450 Liberal Studies Capstone Seminar. ___

Any new student enrolled as of Fall Semester, 2007 who has not successfully completed a capstone course prior to Spring Semester, 2010, **must** successfully complete HU 450 Liberal Studies Capstone Seminar.

New students enrolled prior to Fall Semester 2007 are **not** required to take any capstone course, but **are encouraged** to do so.

TOTAL HOURS FOR GRADUATION 124 SEMESTER HOURS

MATHEMATICS (MA)

The bachelors degree in Mathematics prepares students for careers in government, business, and industry or for pursuing graduate studies. The program offers two tracks. Track I is designed to more appropriately prepare students for employment in business and industry. Track II prepares the student to teach mathematics at the secondary school level. Either track will qualify students to pursue graduate studies and assists students to meet the goal of becoming highly qualified in mathematics for certification.

Bachelor of Science - Mathematics Major (Track 1) MAJOR CODE: 27.0101

Program components for the Bachelor of Science degree with a major in Mathematics include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	.....	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)				
At least one fine arts course	.....	3 semester hours	___	
At least one literature course	.....	3 semester hours	___	
Additional Humanities/Fine Arts courses	.....	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)				
Precalculus Algebra	.....	3 semester hours	___	
Natural Science (lab-based) required	.....	8 semester hours	___	___
Calculus-based Physics I and II recommended				
Area IV. History/Behavioral and Social Sciences (12 semester hours)				
At least one history course	.....	3 semester hours	___	
Additional History/Behavioral and Social Science Courses	.....	9 semester hours	___	___
TOTAL GENERAL EDUCATION REQUIREMENTS			<u>41 SEMESTER HOURS</u>	

3. **MAJOR PREREQUISITE COURSES (PREPROFESSIONAL):**

Students planning to major in mathematics at Athens State University are required to complete the following courses:

CIS 146 Microcomputer Application or				
CIS 301 Problem Solving With Computers	.....	3 semester hours	___	
Precalculus Trigonometry	.....	3 semester hours	___	
Calculus Sequence	.....	12 semester hours	___	___
HU 321 Research Sources and Skills or its equivalent	.....	1 semester hour	___	
TOTAL MAJOR PREREQUISITE HOURS:			19 SEMESTER HOURS	
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:			60 SEMESTER HOURS	

4. PROFESSIONAL COURSES:	
CS 317 Computer Science I** or its equivalent	3 semester hours ___
MA 308 Discrete Mathematics	3 semester hours ___
MA 310 Matrices and Linear Algebra or its equivalent	3 semester hours ___
MA 320 Introduction to Abstract Algebra	3 semester hours ___
MA 321 Differential Equations	3 semester hours ___
MA 330 Advanced Mathematical Software	3 semester hours ___
MA 431 Introduction to Mathematical Statistics or MA 331 Applied Probability and Statistics	3 semester hours ___
MA 470 Senior Mathematics Seminar*	3 semester hours ___

Plus THREE (3) mathematics electives from the following: 9 semester hours ___ ___ ___

MA 314 College Geometry (take as a General Elective if you are an Alternative B certification student)

- MA 316 Vector Analysis
- MA 331 Applied Probability and Statistics ****
- MA 401 Complex Variables***
- MA 423 Numerical Analysis
- MA 428 Partial Differential Equations
- MA 431 Introduction to Mathematical Statistics ****
- MA 445 Mathematical Modeling and Simulation
- MA 450 Advanced Calculus I
- MA 451 Advanced Calculus II
- MA 452 Introductory Real Analysis***
- MA 480 Special Topics in Mathematics

Choose one two-semester sequence from the three options below 6 semester hours ___ ___

- MA 401 Complex Variables and MA 452 Introductory Real Analysis **or**
- MA 445 Math Modeling and Simulation and MA 423 Numerical Analysis

TOTAL PROFESSIONAL HOURS: 33 SEMESTER HOURS

* Exit Exam will be administered in this class. Either the Departmental Math Exit Exam OR PRAXIS II Mathematics Content Test 0061 MUST be taken to qualify for graduation.

**If a programming course has not been taken, take CS 305 Introduction to Programming as a general elective before taking CS 317.

***Recommended if planning to attend graduate school.

****If one of these statistics courses has been taken to satisfy the professional core, then the other may be taken as an elective.

5. **The Mathematics major must complete a minimum of 12 semester hours of upper division 300/400 level mathematics coursework at Athens State University. To be used toward completing a Mathematics major at Athens State, any mathematics course transferred to Athens State must be a grade of C or higher. Mathematics majors must maintain a 2.5 G.P.A. in mathematics courses taken at Athens State University.**

6. A minimum 18 semester hour MINOR is required and must be approved by a Mathematics faculty advisor. 18-24 semester hours

7. **GENERAL ELECTIVES (as needed)** 13 semester hours

8. **TOTAL HOURS FOR GRADUATION** 124-130 SEMESTER HOURS

9. **EXIT EXAM**

An exit exam is required for graduation. The Track I major may choose the PRAXIS II Mathematics Content exam as their exit exam or the departmental exit exam may be taken in the MA 470 course. It is the student's responsibility to schedule the test, if the PRAXIS II exam is chosen, and to report the results to their advisor.

The following minor can be obtained in the area of Mathematics:

- **Mathematics.**

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

Bachelor of Science - Mathematics Major (Track 2)
(Licensure and Certification Track for Teaching in Secondary Education) (Grades 6-12)
MAJOR CODE: 27.0101

(Due to the No Child Left Behind Federal Act of 2001, the program listed below may have changed. See your advisor.)

NOTE: To receive certification in grades 6-12, the students MUST:

- 1) complete the below listed requirements to include the minor for certification and licensure;
- 2) maintain a grade point average of at least a 2.5 on a 4.0 scale in the teaching field and overall education. A 2.75 is required in the professional studies. This is a requirement for student teaching and for graduation.
- 3) repeat courses in which D's and F's are made and realize that all attempts are calculated in the GPA.
- 4) understand that underlined courses in the minor require admission into the Teacher Education Program (TEP).

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED. PLEASE FOLLOW CAREFULLY.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)		
At least one fine arts course	3 semester hours	___
Literature*	3 semester hours	___
	or	6 semester hours ___ ___
Speech (SPH 106 or SPH 107)	3 semester hours	___
Humanities/Fine Arts Elective	0 semester hours	___
	or	3 semester hours ___
Area III. Mathematics and Natural Sciences (11 semester hours)		
Precalculus Algebra	3 semester hours	___
Natural Science (lab-based) required	8 semester hours	___ ___
Calculus-based Physics I and II recommended.		
Area IV. History/Behavioral and Social Sciences (12 semester hours)		
History*	3 semester hours	___
	or	6 semester hours ___ ___
General Psychology	3 semester hours	___
History/Behavioral or Social Science Elective	3 semester hours	___
	or	6 semester hours ___ ___

*Students must complete a 6 semester hour sequence in either Area II Literature or Area IV History.

TOTAL GENERAL EDUCATION REQUIREMENTS 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

CIS 146 Microcomputer Applications <u>or</u>		
CIS 301 Problem Solving with Computers*	3 semester hours	___
Precalculus Trigonometry	3 semester hours	___
Calculus I, II, and III	12 semester hours	___ ___
General Electives	1-5 semester hours	___ ___

TOTAL PRE-PROFESSIONAL HOURS: **19-23 SEMESTER HOURS**

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: **60-64 SEMESTER HOURS**

4. **PROFESSIONAL COURSES:**

MA 308 Discrete Mathematics	3 semester hours	___
Linear Algebra (preferably MA 310 Matrices and Linear Algebra)	3 semester hours	___
MA 314 College Geometry	3 semester hours	___
MA 320 Introduction to Abstract Algebra	3 semester hours	___
MA 330 Advanced Mathematical Software	3 semester hours	___
MA 331 Applied Probability and Statistics	3 semester hours	___
MA 470 Senior Mathematics Seminar	3 semester hours	___
Computer Programming; (preferably *CS 317 Computer Science I)	3 semester hours	___
Plus THREE (3) Mathematics Electives from the following:	9 semester hours	___ ___ ___
MA 316 Vector Analysis		
MA 401 Complex Variables **		
MA 321 Differential Equations***		
MA 423 Numerical Analysis		
MA 428 Partial Differential Equations		
MA 431 Introduction to Mathematical Statistics***		
MA 445 Mathematical Modeling and Simulation		
MA 450 Advanced Calculus I		
MA 451 Advanced Calculus II		
MA 452 Introductory Real Analysis**		
MA 480 Special Topics in Mathematics		

*If a programming course has not been taken, CS 305, Introduction to Programming, is recommended as a general elective and a prerequisite to CS 317.

**Recommended if planning to attend graduate school.

***If a curriculum change is made from Track II to Track I, all Track I requirements must be met.

TOTAL PROFESSIONAL HOURS..... 33 SEMESTER HOURS

5. **COURSES FOR CERTIFICATION:**

ED 301 Foundations of Education I	3 semester hour	___
ED 302 Foundations of Education II	3 semester hours	___
ED 305 Technology & Media in Education	3 semester hours	___
SC 331 <u>Classroom Management in Secondary Education</u>	3 semester hours	___
SC 333 <u>Teaching Reading/Writing in the Content Areas</u>	3 semester hours	___
SE 301 Introduction to Exceptional Learners	3 semester hours	___
PS 334 Adolescent Psychology	3 semester hours	___
SC 362 <u>Assessment and Evaluation in Secondary Education</u>	3 semester hours	___
MA454 <u>Materials and Methods of Teaching Mathematics in Middle School/High School*</u>	3 semester hours	___
SC 486 <u>Internship in High School Education</u>	9 semester hours	___ ___ ___

Courses underlined require admission to the Teacher Education Program (TEP).

TOTAL REQ. FOR LICENSURE/CERTIFICATION: 36 SEMESTER HOURS

TOTAL HOURS FOR GRADUATION 129-133 SEMESTER HOURS

6. If a student, at any time, changes from Track II to Track I, the student must meet the mathematics requirements for Track I; thus be advised when choosing mathematics electives.
7. All coursework must be completed with a grade of C or higher.
8. Courses underlined require admission to the Teacher Education Program (TEP) and may not be transferred from another university.
9. Each student will be required to produce course syllabi and/or course descriptions for courses they wish to transfer towards their Professional Courses requirements. This is an Alabama State Department of Education requirement. The

Alabama State Department of Education ultimately decides whether or not a course will count as transfer credit after the syllabi are evaluated.

10. **EXIT EXAM**

An exit exam is required for graduation. The mathematics exit exam for Track II is the PRAXIS II Math content exam required by the State of Alabama for certification in mathematics. This PRAXIS II exam is administered by ETS. It is the student's responsibility to schedule and take the exit exam. It is required by the College of Education that the Math Content PRAXIS II (online-0061) is passed with a score of 126 (as of April 2007) prior to internship. Students ARE REQUIRED to submit a copy of their PRAXIS II score to their Mathematics advisor to complete their graduation file.

POLITICAL SCIENCE (PO)

The bachelor's degree in Political Science provides students with a foundation in American and non-American politics through rigorous coursework across seven areas of political science: American national government, American state and local government, public policy, constitutional law, public administration, international relations, and foreign policy. In addition, students are provided a foundation on research methodology and undertake a discipline-related observational experience. The curriculum is structured to provide students with a background appropriate for a prelaw school experience. Program graduates have the skills and competencies necessary for entry into a graduate program in Public Administration, or pursue career opportunities in law-related fields, public administration, or teaching government and politics at the secondary school level. *Note: The Bachelor of Art degree requires a minor in another field.

Bachelor of Arts - Political Science Major MAJOR CODE: 45.1001A

Program components for the Bachelor of Arts degree with a major in Political Science include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for a major(s).
- complete all course requirements for a minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	.....	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	.....	3 semester hours	___
At least one literature course	.....	3 semester hours	___
Other Humanities/Fine Arts courses	.....	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	.....	3 semester hours	___
Natural Sciences (lab based) required	.....	8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	.....	3 semester hours	___
Other History/Behavioral or Social Science courses	.....	9 semester hours	___ ___ ___

TOTAL GENERAL EDUCATION REQUIREMENTS 41 SEMESTER HOURS

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

Western Civilization or World History	.....	3 semester hours	___
American National Government or PO 304 Problems of American Government	.....	3 semester hours	___
State and Local Government or PO 303 Comparative State and Local Government or Foreign National Government	.....	3 semester hours	___
CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	.....	3 semester hours	___
HU 321 Research Sources and Skills or its equivalent	.....	1 semester hour	___
General Electives	.....	10 semester hours	___ ___ ___

TOTAL MAJOR PREREQUISITE HOURS: 23 SEMESTER HOURS

TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS: 64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**
- | | | |
|---|------------------|-------------|
| PO 303 Comparative State and Local Government | 3 semester hours | ___ |
| PO 304 Problems of American Government | 3 semester hours | ___ |
| PO 307 American Constitutional Law or PO 364 Civil Liberties | 3 semester hours | ___ |
| PO 308 America and the World | 3 semester hours | ___ |
| PO 342 Methods of Behavioral Science Research | 3 semester hours | ___ |
| PO 351 American Public Policy | 3 semester hours | ___ |
| PO 377 Public Administration | 3 semester hours | ___ |
| PO 453 International Relations | 3 semester hours | ___ |
| PO 465 Senior Research Project | 4 semester hours | ___ |
| Electives in Political Science | 9 semester hours | ___ ___ ___ |
- TOTAL PROFESSIONAL HOURS:** **37 SEMESTER HOURS**
5. A minimum of 27 semester hours of upper division JS/PO/PSHA coursework should be completed at Athens State University.
6. A Faculty Advisor approved minor **is** required. 18 Semester Hours
7. **GENERAL ELECTIVES** **9 Semester Hours** ___ ___ ___
8. **TOTAL HOURS FOR GRADUATION** **128 SEMESTER HOURS**

Bachelor of Science - Political Science Major
MAJOR CODE: 45.1001B

Program components for the Bachelor of Science degree with a major in Political Science include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for a major(s).
- complete all course requirements for a minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	<u>41 SEMESTER HOURS</u>		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

Western Civilization or World History	3 semester hours	___	
American National Government or PO 304 Problems of American Government	3 semester hours		
State and Local Government or PO 303 Comparative State and Local Government or Foreign National Government	3 semester hours	___	
CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
General Electives	10 semester hours	___	___
TOTAL MAJOR PREREQUISITE HOURS:	23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:	64 SEMESTER HOURS		

4. PROFESSIONAL COURSES:	
PO 303 Comparative State and Local Government	3 semester hours ___
PO 304 Problems of American Government	3 semester hours ___
PO 307 American Constitutional Law or PO 364 Civil Liberties	3 semester hours ___
PO 308 America and the World	3 semester hours ___
PO 342 Methods of Behavioral Science Research	3 semester hours ___
PO 351 American Public Policy	3 semester hours ___
PO 377 Public Administration	3 semester hours ___
PO 453 International Relations	3 semester hours ___
PO 465 Senior Research Project	4 semester hours ___
Electives in Political Science	9 semester hours ___ ___ ___

TOTAL PROFESSIONAL HOURS: 37 SEMESTER HOURS

5. A minimum of 27 semester hours of upper division JS/PO/PSHA coursework should be completed at Athens State University.

6. A minor is **not** required.

7. **GENERAL ELECTIVES** **27 semester hours** ___ ___ ___ ___
 ___ ___ ___ ___

8. TOTAL HOURS FOR GRADUATION 128 SEMESTER HOURS

The following minor can be obtained in the area of Political Science:

- **Political Science.**

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

Bachelor of Science - Political Science Major
Government Administration and Social Policy Option
MAJOR CODE: 45.1001C

Program components for the Bachelor of Science degree with a major in Political Science include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for a major(s).
- complete all course requirements for a minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	.....	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)				
At least one fine arts course	.....	3 semester hours	___	
At least one literature course	.....	3 semester hours	___	
Other Humanities/Fine Arts courses	.....	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)				
Finite Math or its equivalent required	.....	3 semester hours	___	
Natural Sciences (lab based) required	.....	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)				
At least one history course	.....	3 semester hours	___	
Introduction to Sociology	.....	3 semester hours	___	
Other History/Behavioral or Social Science courses	.....	6 semester hours	___	___
TOTAL GENERAL EDUCATION REQUIREMENTS	.....	41 SEMESTER HOURS		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

Western Civilization or World History	.....	3 semester hours	___	
American National Government or				
PO 304 Problems of American Government	.....	3 semester hours	___	
State and Local Government or				
PO 303 Comparative State and Local Government	.....	3 semester hours	___	
CIS 146 Microcomputer Applications or				
CIS 301 Problem Solving with Computers	.....	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	.....	1 semester hour	___	
General Electives	.....	10 semester hours	___	___
TOTAL MAJOR PREREQUISITE HOURS:	.....	23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:	.....	64 SEMESTER HOURS		

4. PROFESSIONAL COURSES:		
PO 308 America and the World	3 semester hours	___
PO 341 Statistics with Advanced Topics in Behavioral Science	3 semester hours	___
PO 342 Methods of Behavioral Science Research	3 semester hours	___
PO 350 Introduction to the American Legal System	3 semester hours	___
PO 351 American Public Policy	3 semester hours	___
PO 377 Public Administration	3 semester hours	___
PO 380 Public Finance	3 semester hours	___
PO 455 Public Administration Ethics	3 semester hours	___
PO 465 Senior Research Project	4 semester hours	___
PSHA 349 Human Resources Management	3 semester hours	___
SO 361 Social Analysis	3 semester hours	___
TOTAL PROFESSIONAL HOURS:	34 SEMESTER HOURS	

5. A minimum of 24 semester hours of upper division JS/PO/PSHA coursework should be completed at Athens State University.

6. A minor is **not** required.

7. GENERAL ELECTIVES	30 semester hours	___	___	___	___
		___	___	___	___

8. TOTAL HOURS FOR GRADUATION **128 SEMESTER HOURS**

PSYCHOLOGY (PS)

The bachelors degrees in Psychology aspire to assist students in planning for their careers. The Bachelor of Art degree is recommended for those seeking to enter graduate school. The Bachelor of Science degree is for those who wish to seek employment after graduation. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills; and (5) communicating effectively orally and in writing.

Bachelor of Arts - Psychology Major MAJOR CODE: 42.0101A

Program components for the Bachelor of Arts degree with a major in Psychology include:

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___	___	
Area II. Humanities/Fine Arts (12 semester hours)				
At least one fine arts course	3 semester hours	___		
At least one literature course	3 semester hours	___		
Other Humanities/Fine Arts courses	6 semester hours	___	___	
Area III. Mathematics and Natural Sciences (11 semester hours)				
Finite Math or its equivalent required	3 semester hours	___		
Natural Sciences (lab based) required	8 semester hours	___	___	
Area IV. History/Behavioral and Social Sciences (12 semester hours)				
At least one history course	3 semester hours	___		
Other History/Behavioral or Social Science courses	9 semester hours	___	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	<u>41 SEMESTER HOURS</u>			

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

General Psychology	3 semester hours	___	
CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
Electives in Psychology	6 semester hours	___	___
General Electives	10 semester hours	___	___
TOTAL PRE-PROFESSIONAL HOURS:	23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & PRE-PROFESSIONAL HOURS:	64 SEMESTER HOURS		

4. **PROFESSIONAL COURSES:**

The following courses must be completed at the 300/400 level:

PS 331 Social Psychology	3 semester hours	___
PS 332 Child Psychology or PS 334 Adolescent Psychology	3 semester hours	___
PS 336 Psychology of Learning or PS 410 History and Systems of Psychology	3 semester hours	___
PS 341 Statistics with Advanced Topics in Behavioral Sciences	3 semester hours	___
PS 352 Abnormal Psychology	3 semester hours	___
PS 380/PS 380L Experimental Psychology	4 semester hours	___
PS 406 Physiological Psychology	3 semester hours	___
PS 420 Cognitive Psychology	3 semester hours	___
PS 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3 semester hours	___
Faculty Advisor approved Psychology electives	12 semester hours	___ ___ ___ ___

TOTAL PROFESSIONAL HOURS: 40 SEMESTER HOURS

5. A minimum of 24 semester hours of upper division psychology coursework must be completed at Athens State University.

6. A Faculty Advisor approved minor **is** required. 18 semester hours

7. **GENERAL ELECTIVES 6 Semester Hours ___ ___**

The student is encouraged to select electives which will prepare him/her to obtain the highest possible score on the Graduate Record Examination (GRE). Such courses would include geometry, additional literature courses, and science courses.

8. **TOTAL HOURS FOR GRADUATION: 128 SEMESTER HOURS**

Bachelor of Science - Psychology Major
MAJOR CODE: 42.0101B

Program components for the Bachelor of Science degree with a major in Psychology include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	<u>41 SEMESTER HOURS</u>		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

General Psychology	3 semester hours	___	
CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
Electives in Psychology	6 semester hours	___	___
General Electives	10 semester hours	___	___
TOTAL MAJOR PREREQUISITE HOURS	23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:	64 SEMESTER HOURS		

4. **PROFESSIONAL COURSES:**

The following courses must be completed at the 300/400 level:

PS 331 Social Psychology	3 semester hours	___
PS 332 Child Psychology or PS 334 Adolescent Psychology	3 semester hours	___
PS 336 Psychology of Learning or		
PS 410 History and Systems of Psychology	3 semester hours	___
PS 341 Statistics with Advanced Topics in Behavioral Science	3 semester hours	___
PS 352 Abnormal Psychology	3 semester hours	___
PS 380/PS 380L Experimental Psychology	4 semester hours	___
PS 406 Physiological Psychology	3 semester hours	___
PS 420 Cognitive Psychology	3 semester hours	___
PS 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3 semester hours	___
Faculty Advisor approved Psychology electives	12 semester hours	___ ___ ___ ___

TOTAL PROFESSIONAL HOURS: 40 SEMESTER HOURS

5. A minimum of 24 semester hours of upper division psychology coursework must be completed at Athens State University.

6. A minor is **not** required.

7. **GENERAL ELECTIVES** **24 semester hours** ___ ___ ___ ___

8. **TOTAL HOURS FOR GRADUATION:** **128 SEMESTER HOURS**

The following minor can be obtained in the area of Psychology:

- **Psychology.**

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

PUBLIC SAFETY AND HEALTH ADMINISTRATION (PSHA)

The Bachelor of Science degree in Public Safety and Health Administration provides students an educational background focused in the administration of public agencies at all levels of government, which promote community health and safety. The program is mostly aimed at students with working experience in preventing, responding, managing, and reducing the consequences of public emergencies. Through rigorous coursework, the program prepares professionals in emergency response and allied health agencies for increased management and administration responsibilities, thus enhancing career opportunities.

Bachelor of Science - Public Safety and Health Administration Major

MAJOR CODE: 43.0201

Program components of the Bachelor of Science degree with a major in Public Safety and Health Administration include:

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)		
At least one fine arts course	3 semester hours	___
At least one literature course	3 semester hours	___
Other Humanities/Fine Arts courses	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)		
Finite Math or its equivalent required	3 semester hours	___
Natural Sciences (lab based) required	8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)		
At least one history course	3 semester hours	___
Other History/Behavioral or Social Science courses	9 semester hours	___ ___ ___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>		<u>41 SEMESTER HOURS</u>

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

The Public Safety and Health Administration major must complete		
CIS 146 Microcomputer Applications or		
CIS 301 Problem Solving with Computers	3 semester hours	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___
The remaining hours in Area V must be completed in Fire Sciences, Nursing, Fire Services Management (FCS), Criminal Justice (CJ), Emergency Medical Services (EMS), Allied Health, or Environmental Technology (EVT)		
	19 semester hours	___ ___ ___ ___
		___ ___ ___
TOTAL MAJOR PREREQUISITE HOURS:		23 SEMESTER HOURS
TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS:		64 SEMESTER HOURS

4. **PROFESSIONAL COURSES:**

PO 303 Comparative State and Local Government	3 semester hours	___
PO 342 Methods of Behavioral Science Research or		
PSHA 401 Measurement and Evaluation	3 semester hours	___
PSHA 349 Human Resources Management	3 semester hours	___
PSHA 350 Introduction to the American Legal System or		
PO 355 Health Policy in the U.S.	3 semester hours	___
PSHA 354 Contemporary Health and Physical Education Activities	3 semester hours	___
PSHA 377 Public Administration	3 semester hours	___
PO/PSHA 380 Public Finance	3 semester hours	___
PSHA 446 Public Safety Concepts and Systems	3 semester hours	___
PSHA 447 Public Health Concepts and Systems	3 semester hours	___
PSHA 448 Managing the Public Safety and Health Emergency	3 semester hours	___
PSHA 451 Environmental Health and Safety Systems	3 semester hours	___
PSHA 455 Public Administration Ethics	3 semester hours	___
PSHA 465 Senior Research Project	4 semester hours	___

TOTAL PROFESSIONAL HOURS: 40 SEMESTER HOURS

5. A minimum of 27 semester hours of upper division JS/PO/PSHA coursework must be completed at Athens State University.

6. A minor **is not** required.

7. **GENERAL ELECTIVES** **20 Semester Hours** ___ ___ ___ ___
 ___ ___ ___ ___

8. **TOTAL HOURS FOR GRADUATION: 124 SEMESTER HOURS**

The following minor can be obtained in the area of Public Safety and Health Administration:

- **Public Safety and Health Administration**

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

**PUBLIC SAFETY AND HEALTH ADMINISTRATION
 EXTRA-INSTITUTIONAL CREDIT**

Students majoring in Public Safety and Health Administration may be eligible to obtain up to a maximum of 12 semester hours upper-division academic credit for experience and advanced professional certifications. Academic credit may be awarded for official professional certification in a public safety and/or allied health field and/or work experience in a public safety or allied health supervisory and/or administrative position. Credit for basic certificates or credit previously awarded at another level or through another institution will not be duplicated.

Students meeting the qualifications for extra-institutional credit must register for particular courses based upon the students' credentials. Each course is 3 semester hours credit, and carries the standard per hour tuition. Students assume the responsibility for registering for the appropriate course(s), and for submitting to their Public Safety and Health Administration Faculty Advisor all appropriate certificate copies and documentation of appropriate work experiences. Students successfully documenting advanced professional skills and administrative experience will be awarded a score of P (passing) for appropriate coursework. Students may not register for this coursework their first term at Athens State University, but may register for this coursework during any subsequent term.

The particular courses for which qualified students should register are listed below with appropriate criteria.

- PSHA 459** Public Safety or Healthcare Supervisor (Must provide a letter of appointment from agency)
- PSHA 460** Public Safety or Healthcare Manager/Administrator (Must provide a letter of appointment from agency)
- PSHA 461** Paramedic/Public Safety or Healthcare Instructor (Must provide copy of certificate or license)
- PSHA 462** Haz-Mat Technician (Must provide copy of certificate)
- PSHA 463** Haz-Mat Specialist (Must provide copy of certificate)

RELIGION (RE)

The bachelors degree in Religion provides students with a broad based knowledge in religion. The degree's core contains rigorous coursework in four major areas of study: (1) world religion including the history of religion, (2) moral values and theology, (3) biblical studies, and (4) sociology of religion. The curriculum focuses on ideas and practices of ancient and modern religions. The program covers these ideas and practices on several levels. It looks at the sacred texts of different religious traditions, the relationship between religion and culture, the historical and literary aspects of the religion, and the sociological research methods needed for understanding the evolution of religious thought throughout history. Program graduates will possess the knowledge, skills, and competencies to engage in ongoing discussion and research of the world's religions and their writings. The program also prepares students to pursue a religious vocation, further education at a graduate level, or enter careers in ministry or teaching.

Bachelor of Arts - Religion Major MAJOR CODE: 38.0201A

Program components for the Bachelor of Arts with a major in Religion include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I.	Written Composition	6 semester hours	___ ___
Area II.	Humanities/Fine Arts (12 semester hours)		
	At least one fine arts course	3 semester hours	___
	At least one literature course	3 semester hours	___
	Other Humanities/Fine Arts courses	6 semester hours	___ ___
Area III.	Mathematics and Natural Sciences (11 semester hours)		
	Finite Math or its equivalent required	3 semester hours	___
	Natural Sciences (lab based) required	8 semester hours	___ ___
Area IV.	History/Behavioral and Social Sciences (12 semester hours)		
	At least one history course	3 semester hours	___
	Other History/Behavioral or Social Science courses	9 semester hours	___ ___ ___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>		41 SEMESTER HOURS	

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

Survey of the Old Testament or	Survey of the New Testament or	RE 308 Essentials of Biblical Studies	3 semester hours	___
CIS 146 Microcomputer Applications or	CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent		1 semester hour	___	
General Electives		16 semester hours	___ ___ ___	
TOTAL MAJOR PREREQUISITE HOURS:		23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:		64 SEMESTER HOURS		

4. PROFESSIONAL COURSES:	
Comparative Religion or History of World Religions or	
RE 301 Religions That Shaped the World	3 semester hours ___
PH 300 Moral Values in Today's Society or	
RE 403 Religion in Life	3 semester hours ___
Survey of Church History I or	
Survey of Church History II or	
RE 312 History of Judaism or	
RE 314 History of Islam or	
HY 310 History of American Religion	3 semester hours ___
RE 409 Christian Thought in Early Centuries or	
RE 412 The Hebrew Prophets or	
RE 413 Psalms and Wisdom Literature	3 semester hours ___
RE 327 Sociology of Religion	3 semester hours ___
RE 351 Introduction to Christian Thought	3 semester hours ___
RE 416 Interpreting the Text	3 semester hours ___
RE 464 Religious Studies Capstone Course	1 semester hour ___
Electives from the Area of Religion or Philosophy at the 300/400 level	9 semester hours ___ ___ ___
TOTAL PROFESSIONAL HOURS:	31 semester hours
5. A minor is not required, but encouraged.	
6. GENERAL ELECTIVES (Without a minor)	30 semester hours ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___
GENERAL ELECTIVES (With an 18 semester hour minor)	12 semester hours ___ ___ ___ ___ ___
7. TOTAL HOURS FOR GRADUATION	125 semester hours
8. It is recommended that religion and philosophy students planning to attend graduate school or seminary take at least 6 semester hours of foreign languages. The most common languages used in these disciplines are French, German, Greek, and Hebrew.	
9. Philosophy or religion minor, church finance minor, behavioral science minor, religious education minor or philosophy minor.	18 semester hours

The following minors can be obtained in the area of Religion:

- Behavioral Science
- Church Finance
- Philosophy
- Religion
- Religious Education

Course requirements for these minors can be found at the end of the College of Arts and Sciences section of the catalog.

SOCIAL SCIENCE (SS)

The Social Science degree has a major concentration in history combined with a variety of courses in political science, economics, geography, and the behavioral sciences. This interdisciplinary approach is aimed at enhancing a student's understanding of history, society, government, and world affairs. Social science graduates have the skills and competencies to pursue graduate studies, gain employment in a variety of career fields in government and the private sector, or teach social sciences at the secondary school level.

Bachelor of Science - Social Science Major

MAJOR CODE: 45.0101

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	6 semester hours	___ ___
Area II. Humanities and Fine Arts (12 semester hours)		
The Arts	3 semester hours	___
Speech (SPH 106 or SPH 107)	3 semester hours	___
Humanities Elective	3 semester hours	___
Literature	3 semester hours	___
Area III. Natural Sciences and Mathematics (11 semester hours)		
Finite Math or its equivalent required	3 semester hours	___
Natural Sciences (lab based required)	8 semester hours	___ ___
Area IV. History, Social and Behavioral Sciences (12 semester hours)		
US History I and II	6 semester hours	___ ___
General Psychology	3 semester hours	___
Introduction to Sociology or an approved Social and Behavioral Science Elective	3 semester hours	___

TOTAL GENERAL EDUCATION REQUIREMENTS: 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

CIS 146 Microcomputer Applications or		
CIS 301 Problem Solving with Computers	3 semester hours	___
Western Civilization I and II or World History I and II	6 semester hours	___ ___
Introduction to American National Government or		
PO 304 Problems of American Government	3 semester hours	___
Macroeconomics	3 semester hours	___
Microeconomics	3 semester hours	___
Geography 100 or GO 300 World Regional Geography	3 semester hours	___
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___
Elective	1 semester hour	___

TOTAL MAJOR PREREQUISITE HOURS: 23 SEMESTER HOURS

TOTAL GEN. ED. AND MAJOR PREREQUISITE HOURS: 64 SEMESTER HOURS

4. PROFESSIONAL COURSES:		
HY 302 Alabama History	3 semester hours	___
HY 307 American Constitutional Law	3 semester hours	___
HY 308 America and the World	3 semester hours	___
HY 451 Senior History Seminar	3 semester hours	___
Choose 300 or 400 level courses:		
American History	6 semester hours	___ ___
Non-American History	6 semester hours	___ ___
Social Science Requirements:		
PO 303 Comparative State and Local Government <u>or</u>		
PO 305 Alabama Government	3 semester hours	___
PO 351 American Public Policy	3 semester hours	___
PO 453 International Relations	3 semester hours	___
HY/GO 340 South America, Africa and Asia	3 semester hours	___
TOTAL PROFESSIONAL COURSE HOURS	36 SEMESTER HOURS	
5. General Electives	27 semester hours	___ ___ ___ ___
		___ ___ ___ ___
		___ ___
TOTAL HOURS FOR GRADUATION	127 SEMESTER HOURS	

Bachelor of Science - Social Science Major
(Licensure and Certification Track for Teaching in Secondary Education) (Grades 6-12)
MAJOR CODE: 45.0101

(Due to the No Child Left Behind Federal Act of 2001, the program listed below may have changed. See your advisor.)

NOTE: To receive certification in grades 6-12, the students MUST:

- 1) complete the below listed requirements to include the minor for certification and licensure;
- 2) maintain a grade point average of at least a 2.5 on a 4.0 scale in the teaching field and overall education. A 2.75 is required in the professional studies. This is a requirement for student teaching and for graduation.
- 3) repeat courses in which D's and F's are made and realize that all attempts are calculated in the GPA.
- 4) understand that underlined courses in the minor require admission into the Teacher Education Program (TEP);
- 5) complete the 12 semester hours in History sequences and the 6 semester hours in Macroeconomics and Microeconomics as required by the degree before being admitted to the Teacher Education Program.

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for a major(s).
- complete all course requirements for a minor (if applicable).
- complete all of the general education requirements for the degree.
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED. PLEASE FOLLOW CAREFULLY.

2. GENERAL EDUCATION REQUIREMENTS:

Area I.	Written Composition	6 semester hours	___ ___
Area II.	Humanities and Fine Arts (12 semester hours)		
	The Arts	3 semester hours	___
	Speech (SPH 106 <u>or</u> SPH 107)	3 semester hours	___
	Humanities/Fine Arts Elective.	3 semester hours	___
	Literature	3 semester hours	___
Area III.	Natural Sciences and Mathematics (11 semester hours)		
	Finite Math or its equivalent required	3 semester hours	___
	Natural Sciences (lab based required)	8 semester hours	___ ___
Area IV.	History, Social and Behavioral Sciences (12 semester hours)		
	U.S History I and II	6 semester hours	___ ___
	General Psychology	3 semester hours	___
	Introduction to Sociology <u>or</u> an approved Social and Behavioral Science Elective	3 semester hours	___

TOTAL GENERAL EDUCATION REQUIREMENTS: 41 SEMESTER HOURS

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

	CIS 146 Microcomputer App. <u>or</u> CIS 301 Problem Solving with Computers	3 semester hours	___
	Western Civilization I and II <u>or</u> World History I and II	6 semester hours	___ ___
	Intro to American National Govn. <u>or</u> PO 304 Problems of American Govn.	3 semester hours	___
	Macroeconomics	3 semester hours	___
	Microeconomics	3 semester hours	___
	Geography 100 <u>or</u> GO 300 World Regional Geography	3 semester hours	___

TOTAL MAJOR PREREQUISITE HOURS: 21 SEMESTER HOURS

TOTAL GEN. ED. REQ. AND MAJOR PREREQUISITE HOURS: 62 SEMESTER HOURS

4. PROFESSIONAL COURSES:	
HY 302 Alabama History	3 semester hours ___
HY 307 American Constitutional Law	3 semester hours ___
HY 308 America and the World	3 semester hours ___
HY 451 Senior History Seminar	3 semester hours ___
Choose 300 or 400 level courses:	
American History	6 semester hours ___ ___
Non-American History	6 semester hours ___ ___
Social Science Requirements:	
PO 303 Comparative State and Local Government <u>or</u>	
PO 305 Alabama Government	3 semester hours ___
PO 351 American Public Policy	3 semester hours ___
PO 453 International Relations	3 semester hours ___
HY/GO 340 South America, Africa and Asia	3 semester hours ___
EC 310 Modern Economics <u>or</u> EC 320 Introduction to International Commerce	3 semester hours ___
TOTAL PROFESSIONAL HOURS	39 SEMESTER HOURS

5. COURSES FOR CERTIFICATION:	
ED 301 Foundations of Education I	3 semester hours ___
ED 302 Foundations of Education II	3 semester hours ___
ED 305 Technology & Media in Education	3 semester hours ___
SC 331 <u>Classroom Management in Secondary Education</u>	3 semester hours ___
SC 333 <u>Teaching Reading/Writing in the Content Areas</u>	3 semester hours ___
SC 362 <u>Assessment and Evaluation in Secondary Education</u>	3 semester hours ___
PS 334 Adolescent Psychology	3 semester hours ___
SE 301 Introduction to Exceptional Learners	3 semester hours ___
SS 450 <u>Materials and Methods of Teaching History and Social Sciences in the Middle School/High School</u>	3 semester hours ___
SC 486 <u>Internship in High School Education</u>	9 semester hours ___ ___ ___
TOTAL REQ. FOR LICENSURE/CERTIFICATION:	36 SEMESTER HOURS
TOTAL HOURS FOR GRADUATION	137 SEMESTER HOURS

6. Courses underlined require admission to the Teacher Education Program (TEP) and may not be transferred from another university.
7. Each student will be required to produce course syllabi and/or course descriptions for courses they may wish to transfer towards their Professional Courses requirements. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as transfer credit after the syllabi are evaluated.

SOCIOLOGY (SO)

The bachelors degrees in Sociology aspire to assist students in planning for their careers. The Bachelor of Art degree is for those who wish to pursue further graduate training. The Bachelor of Science degree is for those who wish to seek employment after graduation. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills; and (5) communicating effectively orally and in writing.

Bachelor of Arts - Sociology Major

MAJOR CODE: 45.1101A

Program components for the Bachelor of Arts degree with a major in Sociology include:

1. APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. GENERAL EDUCATION REQUIREMENTS:

Area I. Written Composition	.....	6 semester hours	___ ___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	.....	3 semester hours	___
At least one literature course	.....	3 semester hours	___
Other Humanities/Fine Arts courses	.....	6 semester hours	___ ___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	.....	3 semester hours	___
Natural Sciences (lab based) required	.....	8 semester hours	___ ___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	.....	3 semester hours	___
Other History/Behavioral or Social Science courses	.....	9 semester hours	___ ___ ___
TOTAL GENERAL EDUCATION REQUIREMENTS	.....	41 SEMESTER HOURS	

3. MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):

CIS 146 Microcomputer Applications or	.....	3 semester hours	___
CIS 301 Problem Solving with Computers	.....	1 semester hour	___
HU 321 Research Sources and Skills or its equivalent	.....	6 semester hours	___ ___
Electives in Sociology	.....	13 semester hours	___ ___ ___
General Electives	.....		___ ___
TOTAL PRE-PROFESSIONAL HOURS:	.....	23 SEMESTER HOURS	
TOTAL GEN. ED. REQ. & PRE-PROFESSIONAL HOURS:	.....	64 SEMESTER HOURS	

4. **PROFESSIONAL COURSES:**

The following courses must be completed at the 300/400 level.

SO 312 Majority/Minority Group Relations	3 semester hours	___
SO 314 Population Study	3 semester hours	___
SO 341 Statistics with Advanced Topics in Behavioral Science	3 semester hours	___
SO 342 Methods of Behavioral Science Research	3 semester hours	___
SO 360 Contemporary American Family	3 semester hours	___
SO 361 Social Analysis	3 semester hours	___
SO 362 Deviant Social Behavior	3 semester hours	___
SO 460 Sociological Theories	3 semester hours	___
SO 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3 semester hours	___
Electives in Sociology	9 semester hours	___ ___ ___

TOTAL PROFESSIONAL HOURS: **36 SEMESTER HOURS**

5. A minor is required **18 semester hours**

6. **GENERAL ELECTIVES** **10 semester hours** ___ ___
.....

7. **TOTAL HOURS FOR GRADUATION:** **128 SEMESTER HOURS**

Bachelor of Science - Sociology Major
MAJOR CODE: 45.1101B

Program components for the Bachelor of Science degree with a major in Sociology include:

1. **APPLICABLE GENERAL UNIVERSITY REQUIREMENTS:**

To graduate, each student must:

- complete a minimum of 33 semester hours of the last 39 semester hours at ASU.
- complete a minimum of 60 semester hours of upper level college/university credit (300-400 level courses).
- complete a minimum of 15 semester hours of upper (300/400) level coursework in his or her major at Athens State University, not including courses taken by consortium arrangement. School or departmental regulations may require more than 15 semester hours of coursework in the major at Athens State University.
- complete all course requirements for major(s).
- complete all course requirements for minor (if applicable).
- complete all of the general education requirements for the degree.
- attain an overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State University and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
- complete the total hour requirement as specified by the degree.
- complete the teacher certification requirements (if applicable).

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

2. **GENERAL EDUCATION REQUIREMENTS:**

Area I. Written Composition	6 semester hours	___	___
Area II. Humanities/Fine Arts (12 semester hours)			
At least one fine arts course	3 semester hours	___	
At least one literature course	3 semester hours	___	
Other Humanities/Fine Arts courses	6 semester hours	___	___
Area III. Mathematics and Natural Sciences (11 semester hours)			
Finite Math or its equivalent required	3 semester hours	___	
Natural Sciences (lab based) required	8 semester hours	___	___
Area IV. History/Behavioral and Social Sciences (12 semester hours)			
At least one history course	3 semester hours	___	
Other History/Behavioral or Social Science courses	9 semester hours	___	___
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	<u>41 SEMESTER HOURS</u>		

3. **MAJOR PREREQUISITE COURSES (PRE-PROFESSIONAL):**

The Sociology major must complete			
CIS 146 Microcomputer Applications or			
CIS 301 Problem Solving with Computers	3 semester hours	___	
HU 321 Research Sources and Skills or its equivalent	1 semester hour	___	
Electives in Sociology	6 semester hours	___	___
General Electives	13 semester hours	___	___
.....		___	___
TOTAL MAJOR PREREQUISITE HOURS:	23 SEMESTER HOURS		
TOTAL GEN. ED. REQ. & MAJOR PREREQUISITE HOURS:	64 SEMESTER HOURS		

4. PROFESSIONAL COURSES:

The following courses must be completed at the 300/400 level:

SO 312 Majority/Minority Group Relations	3 semester hours	___
SO 314 Population Study	3 semester hours	___
SO 341 Statistics with Advanced Topics in Behavioral Science	3 semester hours	___
SO 342 Methods of Behavioral Science Research	3 semester hours	___
SO 360 Contemporary American Family	3 semester hours	___
SO 361 Social Analysis	3 semester hours	___
SO 362 Deviant Social Behavior	3 semester hours	___
SO 460 Sociological Theories	3 semester hours	___
SO 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3 semester hours	___
Electives in Sociology	9 semester hours	___ ___ ___

TOTAL PROFESSIONAL HOURS: 36 SEMESTER HOURS

5. A minor is **not** required.

6. **GENERAL ELECTIVES: 28 semester hours** ___ ___ ___ ___
___ ___ ___ ___
___ ___

7. **TOTAL HOURS FOR GRADUATION: 128 SEMESTER HOURS**

The following minor can be obtained in the area of Sociology:

- **Sociology**

Course requirements for this minor can be found at the end of the College of Arts and Sciences section of the catalog.

COLLEGE OF ARTS AND SCIENCES MINORS

ART MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

Art minors should notify a member of the art faculty of their intentions as soon as the art minor is declared. A minor in art consists of 18 semester hours of art coursework, including the following courses or their equivalent:

AR 312 Figure Drawing	3 semester hours	___
AR 423 History of Modern Art	3 semester hours	___
AR 424 Late Modern Art History	3 semester hours	___
AR 430 Advanced Drawing and Design or AR 410 Adobe Illustrator Design	3 semester hours	___
Art Electives	6 semester hours	___ ___
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS	

ART MINOR FOR ART MAJORS ONLY

AR 314 Watercolor III	3 semester hours	___
AR 317 Ceramic Sculpture	3 semester hours	___
AR 331 Digital Photography	3 semester hours	___
AR 343 Renaissance Art History	3 semester hours	___
*AR 401 Advanced Figure Drawing, *AR 313 Portrait Drawing or *6 hours of Art Electives in concentration areas	6 semester hours	___ ___
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS	

ART HISTORY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

The Art History minor will teach students to analyze the visual history, art theory, and art criticism of visual traditions in the world. A minor in Art History is particularly suited for students pursuing careers in art, art education, history, anthropology, archaeology, classics, English, foreign literature, cultural studies, international business, and arts administration. The study of art history improves a student's visual perception and enhances their critical understanding of human expression. Students learn to understand art within the contexts of time, place, religion, politics, philosophy, culture, technology, society, and gender. This minor is designed for completion entirely on-line in web-based education.

Stipulations for the art history minor:

- No more than one independent study course may count toward the minor in Art History.
- No more than two courses may be applied toward both this minor and a major or minor. By petition, two upper division courses with substantial art historical content and methodology applied toward the students' majors may also be applied toward this minor. These courses do not have to be in the distance learning (DL) format.
- Courses to be counted in the minor must be taken for a grade (may not be taken pass/fail).

AR 342 Art of the Ancient Americas	3 semester hours	___
AR 343 Renaissance Art History	3 semester hours	___
AR 421/RE 421 Sacred Art in History	3 semester hours	___
AR 423 History of Modern Art	3 semester hours	___
AR 424 Late Modern Art History	3 semester hours	___
AR 426 Critical Theories in Art	3 semester hours	___
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS	

BEHAVIORAL SCIENCE MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

Choose one from the following group: 3 semester hours ____

- PS 352 Abnormal Behavioral
- PS 304 Drugs and Behavior
- PS 406 Physiological Psychology

Choose one from the following group: 3 semester hours ____

- PS 331 Social Psychology
- PS 332 Child Psychology
- PS 402 Introduction to Clinical Psychology
- SO 360 Contemporary American Family
- SO 471 Aging in a Mass Society

Required:

- PS 334 Adolescent Psychology 3 semester hours ____
- PS 335 Adult Psychology 3 semester hours ____
- SO 362 Deviant Social Behavior 3 semester hours ____
- SO 312 Majority/Minority Relations 3 semester hours ____

TOTAL HOURS FOR MINOR 18 SEMESTER HOURS

BIOLOGY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor requires completion of a minimum of 18 semester hours of biology coursework, including a minimum of 6 semester hours of upper division coursework which must be taken at Athens State University.

The minor must include the following courses or their approved equivalents:

- Principles of Biology I, II 8 semester hours ____

TOTAL HOURS FOR MINOR 18 SEMESTER HOURS

CHEMISTRY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Chemistry requires 20 semester hours of chemistry coursework including a minimum of 9 semester hours of upper division coursework which must be completed at Athens State University.

- College Chemistry I, II **or** CH 303, 304, 305 8-9 semester hours ____

- CH 324 /CH 324L Analytical Chemistry 4 semester hours ____

Upper Level 300/400 Chemistry courses to be determined by Chemistry

- Faculty Advisor 7-8 semester hours ____

TOTAL HOURS FOR MINOR: 20 SEMESTER HOURS

CHURCH FINANCE MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

Choose one from the following group:

- MG 303 Management Decision Support Systems
- MG 349 Human Resources Management
- MG 353 Project Management
- MG 375 Organizational Behavior and Team Building
- MK 331 Marketing Principles 3 semester hours ____

Required:

- AC 300 Principles of Accounting 3 semester hours ____

- EC 310 Modern Economics 3 semester hours ____

- MG 350 Financial Management 3 semester hours ____

- GBA311 Legal Environment of Business 3 semester hours ____

- MG 346 Principles of Management and Leadership 3 semester hours ____

TOTAL HOURS FOR MINOR 18 SEMESTER HOURS

COMPUTER INFORMATION SYSTEMS MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Computer Information Systems requires 21 semester hours distributed in the following way:

MA308 Discrete Mathematics	3 semester hours	___
Web Programming or Web Development course.....	3 semester hours	___
CS 317 Computer Science I	3 semester hours	___
CS 318 Computer Science II	3 semester hours	___
CIS 325 The Digital Enterprise	3 semester hours	___
CIS 365 Visual Application Development	3 semester hours	___
Computer Science or Computer Information Systems upper level elective	3 semester hours	___
TOTAL HOURS FOR MINOR:	21 SEMESTER HOURS	

COMPUTER NETWORKING MINOR

Students majoring in computer science or computer information systems may complete a minor in Computer Networking by completing 16 semester hours of CN courses. Students in other majors must complete the following additional courses:

MA 308 Discrete Mathematics	3 semester hours	___
Microcomputer Applications	3 semester hours	___
CS 309 Introduction to Digital Logic Design	3 semester hours	___
CS 309L Introduction to Digital Logic Design Lab	1 semester hour	___
CS 317 Computer Science I	3 semester hours	___
CS 318 Computer Science II	3 semester hours	___
CS 340 introduction to Assembly Language	3 semester hours	___
CS 409 Computer Organization and Architecture	3 semester hours	___
CS 415 Operating Systems	3 semester hours	___
TOTAL ADDITIONAL COURSES	25 SEMESTER HOURS	

COMPUTER SCIENCE MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Computer Science requires 22 semester hours distributed in the following way:

MA 308 Discrete Mathematics	3 semester hours	___
Microcomputer Applications	3 semester hours	___
CS 309 Introduction to Digital Logic Design	3 semester hours	___
CS 309L Digital Design Lab	1 semester hour	___
CS 317 Computer Science I	3 semester hours	___
CS 318 Computer Science II	3 semester hours	___
CS 372 Data Structures	3 semester hours	___
CS 472 Algorithm Analysis	3 semester hours	___
TOTAL HOURS FOR MINOR	22 SEMESTER HOURS	

DRAMA MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Drama consists of 18 semester hours. Please choose six (6) of the below listed courses.

EH 310 Film: History, Development, and Evaluation	3 semester hours	___
EH 311 Drama Production	3 semester hours	___
EH 319 Technical Theatre	3 semester hours	___
EH 321 Set Design	3 semester hours	___
EH 323 Dramatic Interpretation	3 semester hours	___
EH 333 Acting	3 semester hours	___
EH 405 Playwriting	3 semester hours	___
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS	

ENGLISH MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in English consists of 21 semester hours of English coursework of which 12 semester hours must be taken at Athens State University including the following courses or their equivalents:

EH 312 Dramatic Literature	3 semester hours	___
EH 425 Shakespeare: The Sonnets and the Plays	3 semester hours	___
EH 431 Poetry and Poetics	3 semester hours	___

Choose four from the following courses 12 semester hours ___ ___ ___

- EH 304 Southern Literature
- EH 307 Major Authors I
- EH 308 Major Authors II
- EH 314 Nineteenth Century British Studies
- EH 316 American Masterpieces
- EH 325 Myth: Ritual and Culture
- EH 330 Literary and Critical Theory
- EH 413 Composition for Teachers
- EH/RE 416 Interpreting the Text
- EH 433 Fiction
- EH 440 African-American Studies
- EH 450 Renaissance Literature 1550-1680
- EH 451 The British Novel
- EH 452 Chaucer and Medieval Literature
- EH 454 Young Adult Literature

TOTAL HOURS FOR MINOR 21 SEMESTER HOURS

GENDER AND MULTICULTURAL STUDIES MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

PS/SO 301 Introduction to Gender and Multicultural Studies 3 semester hours ___

Choose one course from the Humanities section listed below 3 semester hours ___

Choose one course from the Social & Behavioral Sciences section listed below 3 semester hours ___

Choose one course from the Business section listed below 3 semester hours ___

Choose three additional courses from the Humanities; Social & Behavioral Sciences; or Business courses listed below 9 semester hours ___ ___ ___

Humanities

- AR 423 History of Modern Art (3 semester hours)
- AR 424 Late Modern Art History (3 semester hours)
- EH 325 Myth: Ritual and Culture (3 semester hours)
- EH 401 Speech: Conflict Management (3 semester hours)
- EH/RE 416 Interpreting the Text (3 semester hours)
- EH 440 African-American Studies (3 semester hours)
- EL 320 Children's Literature (3 semester hours)
- HU 330 Landmarks of Civilization (3 semester hours)
- RE 301 Religions that Shaped the World (3 semester hours)
- RE 312 History of Judaism (3 semester hours)
- RE 314 History of Islam (3 semester hours)

Social and Behavioral Sciences

- ED 312 Educating Teachers for Diversity (3 semester hours)
- GO 309 North America and Europe (3 semester hours)
- GO 310 South America, Africa and Asia (3 semester hours)
- JS/SO 452 Advanced Criminology (3 semester hours)
- PH/SO 300 Moral Values in Today's Society (3 semester hours)
- PO/SO 351 American Public Policy/Political Sociology (3 semester hours)
- PS 331 Social Psychology (3 semester hours)
- SE 301 Introduction to Exceptional Learners (3 semester hours)
- SO 312 Majority/Minority Group Relations (3 semester hours)
- SO 360 Contemporary American Family (3 semester hours)

Continued on next page.....

Business

EC/GO 311 Economic Geography (3 semester hours)
 EC/PO 320 Introduction to International Commerce (3 semester hours)
 EC 348 Labor Economics (3 semester hours)
 MG 352 International Business (formerly Global Dimensions of Business) (3 semester hours)
 GBA/PS 368 Industrial and Personnel Psychology (3 semester hours)

TOTAL HOURS FOR MINOR 21 SEMESTER HOURS

NOTE: To fulfill the requirements for Gender and Multicultural Studies minor, students must take at least 15 semester hours that do not overlap with their major or another program of study.

GERONTOLOGY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

GE 320 Nutrition 3 semester hours ___
 GE 320L Nutrition Lab 1 semester hour ___
 GE 335 Adult Psychology 3 semester hours ___
 GE 410 Physiology of Aging 3 semester hours ___
 GE 412 Aging Policy and Programs 3 semester hours ___
 GE 471 Aging in a Mass Society 3 semester hours ___
 GE 464 Practicum in Psychology/Sociology/Gerontology 3 semester hours ___
TOTAL HOURS FOR MINOR 19 SEMESTER HOURS

HISTORY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

History is an approved area of study for a minor. The student must complete at least 18 semester hours of history distributed as follows:

American History 6 semester hours ___ ___
 European History 6 semester hours ___ ___
 Non-Western History 3 semester hours ___
 History Elective 3 semester hours ___
TOTAL HOURS FOR MINOR 18 SEMESTER HOURS

JUSTICE STUDIES MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Justice Studies requires the completion of eighteen semester hours of coursework to consist of the following:

JS 301 Criminal Justice Process 3 semester hours ___
 JS 302 Criminal Law 3 semester hours ___
 JS 452 Advanced Criminology 3 semester hours ___
 Justice Studies electives 9 semester hours ___ ___
TOTAL HOURS FOR MINOR 18 SEMESTER HOURS

MARINE SCIENCE MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A Marine Science minor requires completion of 20 semester hours of marine science and/or biology coursework, at least 12 semester hours of which must be taken at Dauphin Island Sea Lab.

The minor must include the following courses or their approved equivalents:

Principles of Biology I, II 8 semester hours ___ ___
TOTAL HOURS FOR MINOR 20 SEMESTER HOURS

MATHEMATICS MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Mathematics requires 24 semester hours of mathematics including 9 semester hours of upper division coursework, at least 9 semester hours of which must be taken at Athens State University. The following courses must be included:

Calculus Sequence	12 semester hours	___	___	___
MA 310 Linear Algebra	3 semester hours	___		
MA 321 Differential Equations	3 semester hours	___		
Upper Division Mathematics Electives (Approved Mathematics courses above the calculus sequence)	6 semester hours	___	___	
TOTAL HOURS FOR MINOR	24 SEMESTER HOURS			

PHILOSOPHY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

Choose one from the following group:

PH 312 Logic				
PH 401 Skeptical, Critical, and Logical Thinking	3 semester hours	___		

Required:

PH 300 Moral Values in Today's Society	3 semester hours	___		
PH 321 History of Philosophy I	3 semester hours	___		
PH 322 History of Philosophy II	3 semester hours	___		
PH 325 Philosophy of Religion	3 semester hours	___		
Electives in the Humanities or Sciences	3 semester hours	___		
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS			

POLITICAL SCIENCE MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

The student seeking a minor in political science should complete eighteen semester hours in political science coursework to include:

American National Government or				
PO 304 Problems of American Government	3 semester hours	___		
PO 303 Comparative State and Local Government or				
PO 305 Alabama Government	3 semester hours	___		
PO 308 America and the World or				
PO 453 International Relations	3 semester hours	___		
Political Science Electives	9 semester hours	___	___	___
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS			

PSYCHOLOGY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

Students who desire a minor in psychology must complete the following courses:

PS 331 Social Psychology	3 semester hours	___		
PS 420 Cognitive Psychology or PS 336 Psychology of Learning	3 semester hours	___		
PS 332 Child Psychology or PS 334 Adolescent Psychology	3 semester hours	___		
PS 352 Abnormal Psychology	3 semester hours	___		
PS 406 Physiological Psychology	3 semester hours	___		
Psychology Elective	3 semester hours	___		
TOTAL HOURS FOR MINOR	18 SEMESTER HOURS			

PUBLIC SAFETY AND HEALTH ADMINISTRATION

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Public Safety and Health Administration requires the completion of eighteen semester hours of coursework to consist of the following:

PO 303 Comparative State and Local Government.....	3 semester hours ___
PSHA 377 Public Administration.....	3 semester hours ___
PSHA 380 Public Finance.....	3 semester hours ___
PSHA 446 Public Safety Concepts and Systems.....	3 semester hours ___
PSHA 447 Public Health Concepts and Systems.....	3 semester hours ___
PSHA 455 Public Administration Ethics.....	3 semester hours ___
TOTAL HOURS FOR MINOR.....	18 SEMESTER HOURS

RELIGION MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

Nine semester hours in Religion and nine semester hours in Philosophy or Religion. ___ ___ ___ ___ ___

TOTAL HOURS FOR MINOR 18 SEMESTER HOURS

Religion courses accepted from non-accredited schools will serve only as general electives, will not apply toward humanities or social science elective requirements, and will not apply toward the minor.

RELIGIOUS EDUCATION MINOR

RE 305 Survey of Religious Education	3 semester hours ___
RE 405 Religious Education of Adults*	3 semester hours ___
ER 310 Principles of Early Childhood Education	3 semester hours ___
RE 417 Senior Research Project in Religious Education	4 semester hours ___
**Elective in Education	6 semester hours ___ ___
TOTAL HOURS FOR MINOR	19 SEMESTER HOURS

*Students who plan to work with children may substitute ER 350 Administering and Managing Early Childhood Programs for RE 405 Religious Education of Adults.

**Electives may not be selected from courses that require Teacher Education Program.

SOCIOLOGY MINOR

(This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.)

A minor in Sociology requires the completion of eighteen semester hours of coursework to consist of the following:

SO 312 Majority/Minority Group Relations	3 semester hours ___
SO 362 Deviant Social Behavior	3 semester hours ___
SO 460 Sociological Theories	3 semester hours ___
Sociology Electives	9 semester hours ___ ___ ___