

Name:		Student ID:	
Advisor:		Date of Enrollment:	
<b>PLEASE BE AWARE THAT PROGRAM REQUIREMENTS ARE SUBJECT TO CHANGE, AND ARE DEPENDENT ON YOUR ACTUAL DATE OF ENROLLMENT.</b>			
COLLEGE OF ARTS & SCIENCES		2009-10 B.S. Biology	Licensure/Certification 26.0101
<b>***PLEASE READ NOTES ON BOTTOM OF THIS FORM</b>		<b>Date of evaluation</b>	
		<b>Evaluated by</b>	
<b>GENERAL STUDIES CURRICULUM CORE</b>	<b>Course</b>	<b>Semester hours</b>	<b>Grade</b>
<b>I. Written Composition - 6 hours required</b>			<b>Point Value</b>
			<b>Total quality points</b>
			0
			0
<b>II. Humanities &amp; Fine Arts - 12 hours required</b>			0
Fine Arts - 3 sem. hrs.			0
Speech (SPH 106 or SPH 107) - 3 sem. hrs.			0
Humanities/Fine Arts courses - 3 sem. hrs (if no literature sequence)			0
Literature** - 3 or 6 sem. hrs.			0
2nd literature (counts toward humanity requirement)			0
<b>III. Natural Sciences &amp; Mathematics - 11 semester hours</b>			0
Precalculus Algebra or higher t - 3 sem. hrs.			0
Principles of Biology I and II - 8 sem. hrs.			0
<b>IV. History, Social &amp; Behavior Sciences - 12 semester hours</b>			0
History** - 3 or 6 sem. Hrs			0
			0
General Psychology - 3 sem. hrs.			0
Other History/Behavioral or Social Science elective - 3 or 6 sem. hrs.			0
2nd history/social/behavior science (if no history sequence)			0
<i>*Students must complete a 6 sem. hour sequence either in Area II Literature or Area IV History.</i>			
<b>TOTAL GENERAL STUDIES CURRICULUM - 41 SEMESTER HOURS</b>		<b>Total hrs. 0</b>	
<b>V. Major Prerequisite courses</b>			
College Chemistry I - 4 sem. hrs.			0
College Chemistry II - 4 sem. hrs.			0
Biology or Chemistry Elective - 4 sem. hrs.			0
Elementary Statistics or Calculus I - 3-4 sem. hrs.			0
Fundamentals of Organic Chemistry or Organic Chemistry I - 3-4 sem. hrs.			0
Electives 3-5 sem. hrs.			0
			0
<b>Total major prerequisite hours - 21-25 semester hours</b>		<b>Total hrs. 0</b>	
<b>TOTAL CORE AND MAJOR PREREQUISITE HOURS - 62-66 SEMESTER HOURS</b>		<b>Total hrs. 0</b>	
<b>PROFESSIONAL COURSES:</b>			
BI 301/BI 301L Cell Structure and Function - 4 sem. hrs.			0
BI 301 Lab			0
BI 302/BI 302L Genetics - 4 sem. hrs.			0
BI 302 Lab			0
BI 303/BI 303L General Ecology - 4 sem. hrs.			0
BI 303 Lab			0
A minimum of <b>18 semester credit hours</b> from among the following biology courses:			
	List each class/lab separately in this area.		
BI 300/BI 300L Microbes and You			0
BI 311/BI311L Biodiversity of North Alabama			0
BI 321 Conservation Biology			0
BI 342/BI 324L Economic Botany			0
BI 361/361L Human Structure and Function			0
BI 409 Biochemistry			0
BI 411/BI 411 Invertebrate Systematics and Morphology			0
BI 413/BI 413L Vertebrate Biology			0
BI 414/BI 414L Comparative Vertebrate Anatomy			0
BI 415 Microbial Toxins and Human Health			0
BI 420 Field Vertebrate Zoology I: Ichthyology and Herpetology			0
BI 422 Field Vertebrate Zoology II: Ornithology and Mammalogy			0
BI 423/BI 423L Histology			
BI 424/BI 424L Animal Physiology			
BI 425/BI 425L Developmental Biology			
BI 427/BI 427L Parasitology			
BI 429/BI 429L Immunology			
BI 431/BI 431L Plant Systematics and Morphology			
BI 451/BI 451L Marine Biology			
BI 452/BI 452L Marine Ecology			
BI 453/BI 453L Plant Ecology			
<b>TOTAL PROFESSIONAL COURSES - 30 SEMESTER HOURS</b>		<b>Total hrs. 0</b>	<b>Total pts. 0</b>
		<b>Professional Studies GPA</b>	<b>#DIV/0!</b>
<b>MINOR COURSES FOR CERTIFICATION:</b>			
ED 301 Foundations of Education I - 3 sem. hrs.			0
ED 302 Foundations of Education II - 3 sem. hrs.			0
ED 305 Technology & Media in Education - 3 sem. hrs.			0
*SC 331 Classroom Management in Secondary Education - 3 sem. hrs.			0
*SC 333 Teaching Reading/Writing in the Content Areas - 3 sem. hrs.			0
*SC 362 Assessment and Evaluation in Secondary Education - 3 sem. hrs.			0
PS 334 Adolescent Psychology - 3 sem. hrs.			0
SE 301 Introduction to Exceptional Learners - 3 sem. hrs.			0
*BI 456 M/M of Teaching Biology in the Middle/High School/ - 3 sem. hrs.			0
*SC 486 Internship in High School Education - 9-12 sem. hrs.			0
<i>* Require admittance into the Teacher Education Program</i>			
<b>TOTAL MINOR REQUIRED FOR LICENSURE/CERTIFICATION - 36 SEMESTER HOURS</b>		<b>Total hrs. 0</b>	<b>Total pts. 0</b>
		<b>Teaching Field Studies GPA</b>	<b>#DIV/0!</b>
<b>TOTAL HOURS FOR GRADUATION - 128-132 SEMESTER HOURS</b>		<b>Total hrs. 0</b>	
<b>Substitutions: Enter in this format: Substitute course ID and title for ASU course ID</b>			

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.

Exit Examinations (required): The Department of Biology administers an exit examinations. This examinations is required for graduation and serves the the following purposes: (1) Establish 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 examinations. 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 (256-233-6560) to schedule an appointment.

UNIVERSITY.

- THE APTT MUST BE TAKEN AND PASSED BEFORE APPLYING FOR TEP;
- THE PRAXIS II MUST BE TAKEN AND PASSED BEFORE APPLYING FOR INTERNSHIP
- MUST INCLUDE A MINIMUM OF 60 SEMESTER HOURS OF UPPER LEVEL COLLEGE/UNIVERSITY CREDIT (300/400 LEVEL CREDIT).
- No more than 64 hours of junior college credit may be applied toward the baccalaureate degree

Advising Notes

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