

NAME: _____

ID#: _____

IN EFFECT FALL 2009

ZOOLOGY: CONSERVATION AND BIODIVERSITY TRACK (ZOO/CONS)

FRESHMAN YEAR

ENGL 1100 English Comp I..... 3	ENGL 1120 English Comp II.....3
MATH 1610 Calculus I..... 4	CORE HISTORY3
CHEM 1030 Fund. of Chemistry I..... 3	CHEM 1040 Fund of Chemistry II3
CHEM 1031 Chem Lab..... 1	CHEM 1041 Chem Lab 1
BIOL 1020/1021 Principles of Biology..... 4	BIOL 1030/1031 Organismal Biology.....4
	CORE SOC SCI GROUP I3
15	17

SOPHOMORE YEAR

CHEM 2070 Organic Chem I 3	PHYS 1500/1501 Physics4
CORE HISTORY 3	BIOL 3060 Ecology4
CORE FINE ARTS 3	BIOL 3000 Genetics4
CORE SOC SCI GROUP II..... 3	CORE PHILOSOPHY3
ENGL 2200 World Literature I..... 3	ENGL 2210 World Literature II3
15	18

JUNIOR YEAR

BIOL 5090 Conservation Biol 3	BIOL 3030 Evolution3
BIOL 4020 Vert Biodiversity 4	BIOL 5240 Animal Physiology4
BIOL 4010 Invert Biodiversity..... 4	Diversity Elective**4
BIOL 4100 Cell Biology 3	Free Elective3
14	14

SENIOR YEAR

WILD 3280 Wildlife Mgmt 3	Diversity Elective**4
WILD 3281 Wildlife Mgmt Lab..... 1	COMM 10003
Ecology Elective** 3	BIOL 5120 Syst Botany.....4
Diversity Elective** 4	STAT 3010 Stat for Engr & Sci.....3
ENTM 3040 Gen Entomology 4	
15	14

TOTAL HOURS 122

Long range schedules for COSAM courses are online at www.auburn.edu/cosam/students/registration/
 Courses in **BOLD** will be used to calculate GPA in major.

Options for courses labeled CORE are in the Auburn University Bulletin, under Core Curriculum.

Students not prepared for MATH 1610 will meet with advisor to determine appropriate math course.

**Approved BIOL electives are on the back of this sheet.

ZOOL, CONS

Diversity Electives - 12 hours

PLPA 4050 Mycology, 4 hrs

BIOL 5550 Wetland Biology, 4 hrs

BIOL 5740 Herpetology, 4 hrs

BIOL 5750 Ornithology, 4 hrs

BIOL 5110 Parasitology, 4 hrs

BIOL 5140 Gen. Plant Ecology, 4 hrs

BIOL 5340 Protozoology, 4 hrs

BIOL 5380 General Ichthyology, 4 hrs

BIOL 5760 Mammalogy, 4 hrs

ENTM 5300 Systematic Entomology, 4 hrs

ENTM 5140 Aquatic Insects, 4 hrs

Ecology Electives - 3 hrs

BIOL 5150 Animal Community Ecology, 3hrs.

BIOL 5360 Population Ecology, 3 hrs

BIOL 5510 Biogeography, 3 hrs

COSAM Science Majors Curriculum Sheet Option:

The following two course series is recommended as electives for those students seriously considering a career in teaching in secondary schools (grades 6-12) or junior colleges. These courses can be applied towards the alternative fifth year masters degree for becoming a licensed science teacher. Please contact the secondary science education program coordinator in the Department of Curriculum and Teaching for more information and permission to take these courses. Seating is limited each semester.

*CTSE 4090: Science Methods I (fall term)

OR

*CTSE 4100: Science Methods II (spring term)

RSED 5000: Study of Exceptionality

*Pre-requisite requirement: 2.5 'un-gapped' grade point average in science and 2.5 'un-gapped' overall grade point average; commitment to an eight hour weekly field component in local schools