

NAME: _____

ID#: _____

IN EFFECT FALL 2016**ORGANISMAL BIOLOGY
Ecology, Evolution and Behavior Formal Option (ECEB)****FRESHMAN YEAR**

ENGL 1100 English Comp I.....	3	ENGL 1120 English Comp II.....	3
MATH 1610 Calculus I.....	4	MATH 1620 Calculus II.....	4
CHEM 1030 Fund Chemistry I.....	3	CHEM 1040 Fund Chemistry II.....	3
CHEM 1031 Fund Chem Lab I.....	1	CHEM 1041 Fund Chem Lab II.....	1
BIOL 1020/1021 Principles of Biology	4	BIOL 1030/1031 Organismal Biol.....	4
	15		15

SOPHOMORE YEAR

PHYS 1000 Found. Physics.....	4	CHEM 2030 Surv Organic Chem.....	3
CORE LITERATURE.....	3	CORE SOCIAL SCIENCE ²	3
CORE FINE ARTS.....	3	CORE HISTORY.....	3
CORE SOCIAL SCIENCE ²	3	BIOL 3030 Evolution and Systematics.....	3
BIOL 3000 Genetics.....	4	BIOL 3060 Ecology.....	4
	17		16

JUNIOR YEAR

CORE HUMANITIES.....	3	CORE SOCIAL SCIENCE OR HUM ³	3
CORE LITERATURE OR HIST ¹	3	BIOL 5130/5131 or 5210 or 5240.....	4
Biology Elective⁵.....	4	STAT 2510 Stat Bio & Hlth Sci.....	3
BIOL 3200, 4010, 4020, or 3100⁴.....	4	BIOL 5370 Molecular Ecology.....	3
BIOL 4100 Cell Biology.....	3	Free Elective.....	3
	17		16

SENIOR YEAR

Eco/Evo/Diversity Electives ⁵	6	BIOL 5650 Ethology.....	4
Cell/Mol/Microbiology or		BIOL 4950 Undergrad. Seminar.....	1
Physiology Elective ⁵	8	Eco/Evo/Diversity Electives ⁵	3
		Biology Elective⁵.....	4
	14		12

TOTAL HOURS 122

Long range schedules for COSAM courses are online at www.auburn.edu/cosam/students/

Courses in **BOLD** will be used to calculate GPA in major.

Options for courses labeled CORE are in the Auburn University Bulletin (www.auburn.edu/bulletin) under Core Curriculum.

¹ Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the Bulletin.

² Students who have AP or transfer credit for US History should talk to an advisor about CORE SOC SCI choices.

³ If a LIT sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.

⁴ This elective in the junior year should be chosen with consideration of the elective courses to be taken in the senior year. Consult your faculty advisor.

⁵ Approved Biology electives are on the back of this sheet

Ecology, Evolution, Biodiversity Electives

BIOL	3010	Comp. Anat.(4)
BIOL	3040	Marine Systems(3)
BIOL	3075	Oceanography(4)
BIOL	3100	Plant Biology(4)
BIOL	3200	Microbiology(4)
BIOL	4010	Invert Biodiv(4)
BIOL	4020	Vertebrate Biodiv(4)
BIOL	4395	Marine Faun Eco(5)
BIOL	4425	Marine Fish Mgt(4)
BIOL	4455	Marine Invert(5)
BIOL	4465	Marine Parasites(6)
BIOL	4475	Marine Ichthy(6)
BIOL	4485	Marine Ecology(5)
BIOL	4515	Marine Invert(4)
BIOL	4525	Dolphins & Whales(2)
BIOL	4535	Coastal Zone Mgt(2)
BIOL	4495	Marine Histology(6)
BIOL	4545	Coastal Ornithology(4)
BIOL	4565	Marine Vertebrate (4)
BIOL	4575	Marine Ecology(4)
BIOL	5090	Conservation Biology(3)
BIOL	5110	Parasitology(4)
BIOL	5120	Systematic Botany(4)
BIOL	5140	Plant Ecology(4)
BIOL	5150	Community Ecology(3)
BIOL	5160	Field Bio and Eco(3-15)
BIOL	5250	Microbial Evolution(4)
BIOL	5270	Host-Microbe Interact(3)
BIOL	5300	Plant Anat and Dev(4)
BIOL	5340	Protozoology(4)
BIOL	5350	Behavioral Ecology(3)
BIOL	5370	Molecular Ecology(3)
BIOL	5360	Population Ecology(3)
BIOL	5380	General Ichthyology(4)
BIOL	5415	Salt Marsh Plant Eco(4)
BIOL	5425	Marine Botany(4)
BIOL	5435	Coastal Vegetation(4)
BIOL	5455	Marsh Ecology(4)
BIOL	5475	Gulf Oceanology(3)
BIOL	5495	Marine Protozoology(3)
BIOL	5510	Biogeography(3)
BIOL	5525	Marine Behav Eco(4)
BIOL	5535	Marine Cons Eco(4)
BIOL	5650	Ethology(4)
BIOL	5740	Herpetology(4)
BIOL	5750	Ornithology(4)
BIOL	5760	Mammalogy(4)
ANSC	4100	Farm Animal Beha(2)
ENTM	4020	Econ Entomology(4)
ENTM	4040	Insects(3)
ENTM	5010	Ent. for Educators(4)
ENTM	5030	Insecticides(4)
ENTM	5140	Aquatic Insects(4)
ENTM	5150	Arachnology(4)
ENTM	5220	Insect Ecology(4)
ENTM	5300	Syst Entomology(4)
ENTM	5330	Insect Pest Mgt(4)
ENTM	5340	Urban Forest Insects(3)
ENTM	5360	Landscape Ent(4)
ENTM	5370	Urban Entomology(4)
ENTM	5440	Insect Morphology(4)

PLPA	5200	Mycology(4)
WILD	4310	Wildlife Management(3)
WILD	5280	Wildlife Eco & Mgt I(3)
WILD	5290	Wildlife Eco & Mgt II(3)
WILD	5291	Wildlife II Lab(1)
FISH	5220	Water Science(3)
FISH	5320	Limnology(4)
MATH	2660	Linear Algebra(3)
FORV	5250	Wetland Eco and Mngt.(3)
FORV	5220	Landscape Ecology
FORV	5240	Watershed Mngt.(3)
FORV	5470	GIS App. in Nat. Resource(3)

Cellular/Molecular/Microbiology Electives

BIOL	3020	Genomic Biology(4)
BIOL	3200	General Microbiology(4)
BIOL	3500	Persp. in Immunology(3)
BIOL	4000	Histology(4)
BIOL	4101	Cell Biology Lab(2)
BIOL	4410	Vertebrate Dev't(5)
BIOL	5130	Adv Plant Physiology(3)
BIOL	5131	Adv Plant Phys Lab(1)
BIOL	5190	Cell & Mol Sig Tran(3)
BIOL	5200	Clinical Microbiology(5)
BIOL	5210	Microbial Physiology(3)
BIOL	5220	Molecular Genetics(3)
BIOL	5230	Virology(3)
BIOL	5260	Prokaryotic Mol Gen(3)
BIOL	5320	Plant Gene Express(4)
BIOL	5330	Dev. Genetics (3)
BIOL	5370	Molecular Eco. (3)
BIOL	5500	Immunology(3)
BIOL	5501	Immunology Lab(2)
BIOL	5521	Gene Express & DN(2)
BIOL	5660	Food Microbiology(5)
BIOL	5700	App. & Env. Micro(4)
AGRN	5060	Soil Microbiology(3)
PLPA	3000	Plant Pathology(4)
PLPA	5200	Mycology(4)
FISH	5710	Aquatic Micro. (3)

Physiology Electives

BIOL	3010	Comp Anatomy(4)
BIOL	4000	Histology(4)
BIOL	4410	Vertebrate Dev't(5)
BIOL	5130	Adv Plant Physiology(3)
BIOL	5131	Adv Plant Phys Lab(1)
BIOL	5210	Microbial Physiology(3)
BIOL	5240	Animal Physiology(4)
BIOL	5600	Biomedical Phys.(6)
ANSC	3600	Reprod. Physiology(4)

Biology Electives

BIOL	4920	Internship in Biology
BIOL	4970	Special Topics
BIOL	4980	Undergrad. Research (6 hr max)

Any BIOL course on this list

