

**EBIO Major Audit Sheet**

<b>Credits</b>	<b>Requirement</b>	
	___ EBIO 1210-3 & ___ EBIO 1230-1	<b>Basic Biology I and Lab</b>
	___ EBIO 1220-3 & ___ EBIO 1240-1	<b>Basic Biology II and Lab</b>
	___ EBIO 2040-4 Ecology	
	___ EBIO 2070-4 Genetics	
	___ EBIO 3080-4 Evolution	
	<b>LABORATORY ELECTIVE: choose one course from this list</b>	
	EBIO 3400-4 Microbiology EBIO 3500-4 Plant Biodivers. and Evol. EBIO 3510-4 Plant Anat. and Develop. EBIO 3520 Plant Systematic EBIO 3530 Functional Plant Biology EBIO 3770 Animal Diversity: Vertebrates EBIO 3850 Animal Diversity: Invertebrates EBIO 4660 Insect Biology EBIO 4750 Ornithology EBIO 4760 Mammalogy	EBIO 3240 Animal Behavior EBIO 3170 & 3175 Arctic and Alpine Ecology EBIO 3630 Parasitology All Mountain Research Station Classes
	<b>Statistics</b>	<b>MATH 2510, MATH 2520, IPHY 2800, PSYC 3101, EBIO 4410</b>
	<b>EBIO 4000 LEVEL COURSES</b> 6 Credits Required (Must be taken on Boulder Campus)	EBIO 4 _____ ( _____ credits) EBIO 4 _____ ( _____ credits) EBIO 4 _____ ( _____ credits)
	<b>EBIO Electives</b> (The following EBIO courses do NOT count toward the major: 1030, 1040, 1050, 1950, 3940)	___ EBIO _____; ___ EBIO _____ ___ EBIO _____; ___ EBIO _____ ___ EBIO _____; ___ EBIO _____ ___ EBIO _____; ___ EBIO _____
	<b>Optional: Elective courses from other Departments listed on back of this page (Maximum of 12 credits allowed)</b>	_____; _____ _____; _____
	<b>&lt;-- Total Upper Division Credits Taken (Minimum of 18 required)</b>	<b>YOU STILL NEED: Additional Upper Division Credits</b>
	<b>&lt;-- Total Credits Taken (Minimum of 38 required)</b>	<b>YOU STILL NEED: Additional Total Credits</b>

**(ALL MAJOR AND ANCILLARY COURSES MUST BE PASSED WITH C- OR BETTER)**

	<b>OK</b>	<b>Ancillary Science Courses</b>	<b>Course(s) taken to satisfy requirement (alternatives)</b>
<b>Choose 15 credits from the following list:</b>		<b>CHEM 1111-5</b>	<b>(CHEM 1151-6)</b>
		<b>CHEM 1131-5</b>	<b>(CHEM 1171-6)</b>
		<b>PHYS 2010-5</b>	<b>(PHYS 1110-4)</b>
		<b>PHYS 2020-5</b>	<b>(PHYS 1120-4 &amp; PHYS 1140-1)</b>
		<b>MATH 1300-5</b>	<b>(MATH 1310-5) OR (APPM 1350-4)</b>
		<b>MATH 2300-5</b>	<b>(APPM 1360-4)</b>

## **Courses in other departments that may be applied toward the EBIO major for a maximum of 12 credit hours**

(CU courses not listed here cannot be counted toward the major)

### **Anthropology**

Anth 3000- Primate Behavior  
Anth 3010- The Human Animal  
Anth 4060- Nutrition and Anthropology  
Anth 4110- Human Evolutionary Biology  
Anth 4120- Advanced Physical Anthropology  
Anth 4170- Primate Evolutionary Biology

### **Environmental Studies**

Envs 3040- Conservation Biology  
Envs 3434-Introduction to Applied Ecology  
Envs 3600- Principles of Climate  
Envs 4160- Introduction to Biogeochemistry  
Envs 4201 Biometeorology

### **Philosophy**

Phil 3160- Bioethics  
Phil 3140- Environmental Ethics

### **Geography**

Geog 3351- Biogeography  
Geog 3511- Intro to Hydrology  
Geog 3601- Principles of Climate  
Geog 4093- Remote Sensing-Environment  
Geog 4203- GIS- Modeling applications  
Geog 4371- Forest Geography  
Geog 4501- Water Resource Management in the West

### **Economics**

Econ 4545- Environmental Economics  
Econ 4535- Natural Resource Economics

### **Civil Engineering (Cven)**

Cven 3434- Intro to Applied Ecology  
Cven 4484- Environmental Microbiology

### **Geology**

Geol 3040- Global Change  
Geol 3410- Paleobiology  
Geol 4474- Vertebrate Paleontology

### **Museum Studies**

Musm 5061- Intro. to Scientific Illustration

### **Iphy**

Iphy 3410- Introduction to Human Anatomy  
Iphy 3415- Introduction to Human Anatomy Lab  
Iphy 3420- Nutrition, Health, and Performance  
Iphy 3430- Human Physiology  
Iphy 3435- Human Physiology Lab  
Iphy 3450- Comparative Animal Physiology  
Iphy 3460- Comparative Vertebrate Anatomy

Iphy 3730- Brain and Behavior  
Iphy 3800- Forensic Biology  
Iphy 3810- Forensic Biology Lab.  
Iphy 4200- Physiological Genetics  
Iphy 4440- Endocrinology  
Iphy 4470- Biology of Human Reproduction  
Iphy 4660- Their critical thinking series  
Iphy 4720- Neurophysiology

### **Mcdb**

Mcdb 1150/1151- Introduction to Mcdb and lab  
Mcdb 2150/2151- Principles of Genetics and lab  
Mcdb 3120- Cell Biology  
Mcdb 3140- Cell Biology Lab.  
Mcdb 3150- Biology of the Cancer Cell  
Mcdb 3350- Fert/Ster/Mammal Development  
Mcdb 3500- Molecular Biology  
Mcdb 4100- many different topics, similar to our EBIO 4800 series  
Mcdb 4140- Plant Molecular Biology and Biotechnology  
Mcdb 4130-Bio Electron Microscopy  
Mcdb 4410- Human Molecular Genetics  
Mcdb 4426-Cell Signalling/Develop. Regulation  
Mcdb 4471- Mechanisms of Gene Regulation in Eukaryotes  
Mcdb 4621-Genome Databases  
Mcdb 4650- Developmental Biology  
Mcdb 4680- Mechanisms of Aging  
Mcdb 4720- Membrane  
Mcdb 4777- Molecular Neurobiology  
Mcdb 4300 Immunology  
Mcdb 4550 Cellular and Molecular Motion

### **Psychology**

Psyc 3102- Behavioral Genetics  
Psyc 4052- Behavioral Neuroscience  
Psyc 4092- Hormones and Behavior  
Psyc 4385- Ethology and Comparative Psychology

### **Chemistry**

Chem 4411- Physical Chemistry with Biochemistry 1  
Chem 4431- Physical Chemistry with Biochemistry 2  
Chem 4611- Survey of Biochemistry  
Chem 4711- General Biochemistry 1  
Chem 4731- General Biochemistry 2  
Chem 4761- Biochemistry Lab.