While some courses may be listed in multiple elective categories below, students may only use a course once within their major electives.

Courses in **BOLD** satisfy the Writing Emphasis requirement of the EEB & Biology degrees.

Courses marked with * have an online option listed.

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**Ecology, Evolution & Behavior**

- ANTH 364—Natural History of Our Closest Relatives
- ANTH 468—Human Osteology
- ANTH 470—Primate Behavior
- ANTH 472—Zoological Analysis of Society & Taphonomy Lab methods
- ECOL 326—Genomics
- ECOL 340—Evolution Of Plant Form & Function
- ECOL 418—Spatio-Temporal Ecology
- ECOL 419—Intro to Modeling in Biology
- ECOL 430—Conservation Genetics
- ECOL 444B—Discovering Evolution
- ECOL 430—Marine Discovery
- ECOL 474—Aquatic Plants & the Environment
- ECOL 487 R & L—Animal Behavior
- ECOL 496J—Plant Population Ecology
- ENTO 419—Living in Symbiosis
- ENTO 415R—Insect Biology
- GEOG 438—Biogeography
- GEOS 308—Paleontology
- GEOS 454A—Intro to Dendrochronology
- GEOS 478—Global Change
- PLP 305—Introductory Plant Pathology *
- PLP 427—Microbial Diversity *
- RNR 356—Natural Resource Ecology
- WSC 430L—Conservation Genetics Lab
- WSM 452—Dryland Ecological Hydrology and Vegetation Dynamics

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**Cell & Molecular Biology**

- MIC 452—Antibiotics: Biological Perspective
- MCB 325—Biotechnology of Cancer
- MCB 340—Learning and Memory
- MCB 340A—Integrative Cellular Physiology
- MCB 422—Quant. Models of Biological Systems
- PLS 359—Plant Cell Structure & Function *
- PLS 448A—Plant Biochemistry/Genomic Engineering

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**Genetics**

- ECOL 326—Genomics
- ECOL 430—Conservation Genetics
- MIC 452—Antibiotics: Biological Perspective
- MCB 340—Intro to Biotechnology
- MCB 422—Problem Solving & Genetic Tools

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**Organismal**

**Macro—**

- ACBS 400A—Animal Anatomy & Physiology
- ACBS 315R & L—PSIO of Animal Reproduction
- ACBS 445—Research Animal Methods
- ENTO 310—Living in Symbiosis
- ECOL 340—Evolution Of Plant Form & Function
- ECOL 487 R & L—Animal Behavior
- ECOL 496J—Plant Population Ecology
- ANTH 472—Zoological Analysis of Society

**Micro—**

- ACBS 444—Diseases of Wildlife
- MIC 421B—Microbial Techniques
- MIC 425B & 426—Environmental Microbiology
- PLP 427R&L—General Mycology *

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**Physiology**

- ACBS 400A—Animal Anatomy & Physiology
- ACBS 315R & L—Physiology of Animal Reproduction
- ECOL 340—Evolution Of Plant Form & Function
- NROS 307—Cellular Neurophysiology
- PSIO 303A—Integrative Cellular Physiology
- PSIO 420—Exercise & Environmental Physio
- PSIO 425—Measurement & Evaluation of Physio Function
- PSIO 431—Physiology of the Immune System
- PSIO 467—Endocrine Physio
- PSIO 472—Quantitative Modeling of Biological Systems
- PSIO 485—Cardiovascular Physio

Please be aware that PSIO courses have prerequisites which are strictly enforced, if you plan to take one of these courses you must meet those requirements & email that department at bertha@email.arizona.edu.

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**Science & Society**

Counts toward Biology—Biomedical Emphasis ONLY

- ECOL 244—Evolution: Its Content and Its History
- ECOL 280—Sociobiology and the Evolution of Cooperation
- ECOL 326—Genomics
- MCB 404—Bioethics
- PHIL 321—Medical Ethics *