

Undergraduate Courses in Biological Sciences

Title	Number	Prerequisites / Comments
Introduction to Biological Systems	1500, 5 hrs, lab, f & s	Recommend: Math 1100*
General Genetics	2200, 4 hrs, f & s	Bio 1500** & Chem 1320*
General Genetics Honors	2200H, 4 hrs, f	Bio 1500** & Chem 1320*
Cell Biology	2300, 4 hrs, f & s	Bio 2200
Cell Biology Honors	2300HW, 5 hrs, s	Bio 2200/ WI
Ornithology	2600, 5 hrs, lab, s	5 hours of Bio****
Ichthyology	2700, 4 hrs, lab, s	8 hours of Bio****
Genetics and Society	3050W, 3 hrs, s	1 course in Bio / WI
The Human Microbiome	3075W, 3 hrs, sum	Bio 2200/ WI
Plant Systematics	3210, 4 hrs, lab, s	8 hours of Bio
Invertebrate Zoology	3260W, 4 hrs, lab, s	Bio 1500 / WI
Evolution and Ecology	3400, 3 hrs, f & s	Bio 2200
Biology of Fungi	3510, 3 hrs, lab, s	Bio 1500 or equivalent
General Ecology	3650, 5 hrs, lab, f	Jr. standing & 10 hrs of Bio (rec)
Mammalogy	3660, 4 hrs, lab, s	8 hours of Bio****
Animal Physiology	3700, 5 hrs, lab, f & s	Bio 2200 & 2300
Introductory Entomology	3710, 3 hrs, f	Jr. standing & Bio 1500 or equivalent
Insect Diversity	3715, 2 hrs, lab, f	Bio 3710*
General Microbiology	3750, 3 hrs, f	Bio 2200 & 2300
Microbiology Lab	3760, 2 hrs, lab, f	Bio 3750 or M3200***
Genetics Laboratory	3780, 2 hrs, lab, f	Bio 2200 or consent
Molecular Plant Physiology	4320, 3 hrs, f	Bio 1200/1500 & 5 hrs Chem/Bio 2300 (rec)
Introductory Radiation Biology	4328, 3 hrs, f	Jr. & 1 course in Bio & Chem/Phys
Plant Anatomy	4400, 4 hrs, lab, f	Bio 1500
Neurobiology	4500, 3 hrs, s	Bio 2200 & 2300 or consent
Computational Neuroscience	4590, 4 hrs, lab, f	Bio 1500 & Calculus
Evolution	4600, 3 hrs, f & s	Bio 2200
Behavioral Biology	4640, 3 hrs, lec/4 hrs. lab, f	Bio 1500 & 1 upper-level Bio course
Animal Communication	4642, 3 hrs, s	Bio 3400 or Bio 4600
Undergraduate Research I	4950, 3 hrs, f, s & sum	2.75 GPA & 20 hr in Bio / Chem & consent
Undergraduate Research II	4952, 3 hrs, f, s & sum	Bio 4950 & 2.75 GPA & consent
Undergraduate Research I Honors	4950H, 3 hrs, f, s & sum	3.3 GPA & 20 hr in Bio / Chem & consent
Undergraduate Research II Honors	4952H, 3 hrs, f, s & sum	Bio 4950 & 3.3 GPA & consent
Developmental Biology	4972W, 3 hrs, f & s	Bio 2200 & 2300 / WI
Molecular Biology	4976, 3 hrs, f & s	Bio 2200 & 2300
Cancer Biology	4978, 3 hrs, f	Bio 2200 & 2300 / Bio 4976 (rec)
Human Inherited Diseases	4982W, 3 hrs, even f	Bio 2200 & 2300 / WI
Vert Hist & Microscopic Anatomy	4990, 5 hrs, lab, f	Bio 3700 & Junior standing
Senior Seminar	4994, 3 hrs, f & s	Senior standing

* Concurrent Enrollment f (fall), s (spring), sum (summer)

** Pre-Requisite

*** Co-Requisite

**** Class offered through Fisheries and Wildlife (FW)