

Bio Undergraduate Courses 2009-2010

Fall

LD Non-Major classes

1A	Intro to Life Sciences
3A	Career Decisions
3B	Non-Health Careers
14	Intro to Teaching Science and Math
35	Brain and Behavior
45	AIDS Fundamentals
55	Introduction to Ecology

Bio Core Classes:

Bio 93	DNA to Organisms
Bio 97	Genetics
Bio 100LW	Experimental Biology Lab

Required Major Classes:

D103	Cell Biology(?)
D105	Cell, Dev. and Molecular Biology of Plants
E106	Processes Ecology and Evolution
E107	Ecol & Evol Bio (E&E majors only)
E109	Human Physiology

UD Biology Labs:

D111L	Developmental and Cell Biology Lab
E112L	Physiology Lab
E166L	Field Methods in Ecology
M114L	Biochemistry Lab
M116L	Molecular Biology Lab
M118L	Experimental Microbiology Lab
M174L	Biopharmaceutics Lab

Winter

LD Non-Major classes

1A	Intro to Life Sciences
3A	Career Decisions
3B	Non-Health Careers
9B	Biology of Cooking
9E	Horticultural Sciences
12B	Diseases and Civilization
14	Intro to Teaching Science and Math
16	Introduction to Darwinian Biology
25	Biology of Cancer
36	Drugs and the Brain
37	Brain Dysfunction and Repair
45	AIDS Fundamentals
75	Human Development: Conception to Birth

Bio Core Classes:

Bio 94	Organisms to Ecosystems
Bio 98	Biochemistry

Required Major Classes:

D103	Cell Biology
D104	Developmental Biology
E106	Ecology
108	Research Methods for Science Teaching Majors
E109	Human Physiology

UD Biology Labs:

D111L	Developmental and Cell Biology Lab
E112L	Physiology
M114L	Biochemistry Lab
M116L	Molecular Bio Lab
M118L	Experimental Microbiology Lab
N113L	Neurobiology Lab

Spring

LD Non-Major classes

3A	Career Decisions
3B	Non-Health Careers
11	Videography in Science
14	Intro to Teaching Science and Math
35	The Brain and Behavior
38	Mind, Memory & Brain
65	Biodiversity and Conservation
75	Human Dev - Conception to Birth
H90	Idiom and Practice of Science

Bio Core Classes:

Bio 99	Molecular Biology
Bio 100LW	Experimental Biology Lab
2B	Freshman Seminars

Required Major Classes:

E106	Processes in Ecology and Evolution
E109	Human Physiology
N110	Neurobiology

UD Biology Labs:

D111L	Developmental and Cell Biology Lab
E112L	Physiology Lab
E115L	Evolution Lab
E161L/261L	Ornithology Lab
E179L	Field Freshwater Ecology
M114L	Biochemistry Lab
M116L	Molecular Biology Lab
M118L	General Microbiology Lab
M121L	Advanced Immunology Lab
M124L	Virus Engineering Lab
N113L	Neurobiology Lab

Fall

UD Biology Electives:

D130	Photomedicine
D137	Eukaryotic and Human Genetics
E190	Population Genetics
M120	Signal Transduction in Mammalian Cells
M122	General Microbiology
M124A	Virology
M171	Physical Biochemistry
M172	Topics in Pharmaceutical Sciences
M174	Biopharmaceutics
N112A	Neuroscience Fundamentals
N158	Neurobiology of Learning and Memory
N164	Functional Neuroanatomy
N166	Cognitive Neuroscience
N182	Vision

Other:

101	Middle Sch. Math/Sci Teaching
102	Secondary Sch. Math/Sci Teaching
192	Tutoring in Biology
194S	Safety and Ethics in Research

Winter

UD Biology Electives:

D113	Genetics Majors Seminar
D124	Genomics & Proteomics
D145	Genomics and Proteomics
D190/D232	Systems Cell Biology
E135	Molecular Evolution
E142W	Philosophy of Bio
E163	Environmental Microbiology
E176	Evolution of Hosts and Parasites
E182	Mediterranean Ecosystems
E186	Population and Community Ecology
M114	Advanced Biochemistry
M121	Immunology with Hematology
M137	Microbial Genetics
M170A	Molecular Pharmacology I
N112B	Neuroscience Fundamentals
N119	History of Neuroscience
N153	Neuropharmacology

Other:

191A&B	Global Sustainability
192	Tutoring in Biology
194S	Safety and Ethics in Research
197	MSP Research Seminar

Spring

UD Biology Electives:

D114	Dev. & Cell Majors Seminar
D124	Biology of Alternative Medicine
D129	Biotechnology of Plant Breeding
D148	Development and Disease
DXXX	Stem Cell Biology
E118	Terrestrial Ecosystems
E136	Human Nutrition
E151	Population Dynamics
E153	Functional & Structural Evol. Genomics
E160	Ornithology
E168	Advanced Evolutionary Biology
E179	Limnology and Freshwater Biology
H195A	Honors Viral Evolution
H195B	Honors Physiology
M116	Advanced Molecular Biology
M119	Fundamentals of Immunology
M121	Immunology with Hematology
M122	General Microbiology
M123	Intro Comp. Biology
M125	Molecular Biology of Cancer
M128	Genetic Engineering
M143	Human Parasitology
M144A	Cell Organelles and Membranes
M170B	Molecular Pharmacology II
M173	Pharmacotherapy
N112C	Neuroscience Fundamentals
N154	Molecular Neurobiology
N158	Neurobiology of Learning and Memory
N160	Language & the Brain
NXXX	Neurodegeneration

Other:

E191CW	Global Sustainability
192	Tutoring in Biology
194S	Safety and Ethics in Research
197	MSP Research Seminar