

Tentative Schedule of Biology Course Offerings\*  
(2008-2009 and 2009-2010)

\*subject to change

Fall 2008

BIO 103K, Marine Biology (for non-biology majors)  
BIO 104K, Marine Biology Laboratory (for non-biology majors)  
BIO 105K, Biological Principles I: Cellular Biology  
BIO 106K, Laboratory Biology  
BIO 107, Biological Principles II: Evolution, Biodiversity, and Evolution  
BIO 109, Biological Principles III: Functional Biology  
BIO 111, Human Anatomy and Physiology I  
BIO 112, Practical Human Anatomy and Physiology I  
BIO 201, Genetics  
BIO 281, Microbiology and Human Disease  
BIO 282, Microbiology and Human Disease Laboratory  
BIO 345, Pathophysiology  
BIO 408, Experimental Genetics  
BIO 431, Principles of Immunology

Area 1 courses:

BIO 335, Entomology  
BIO 351, Invertebrate Zoology

Area 2 courses:

BIO 331, Ecological Principles  
BIO 332, Field Ecology  
BIO 383, Plant Ecology

Area 3 courses:

BIO 321, Neurobiology  
BIO 322, Neurobiology Laboratory  
BIO 381, Plant Physiology

Area 4 courses:

BIO 305, Developmental Biology  
BIO 306W, Developmental Biology Laboratory

Graduate courses:

BIO 508, Experimental Genetics  
BIO 545, Advanced Pathophysiology  
BIO 601, Research Methods in Biology  
BIO 621, Seminar: Topics in Evolution (Weber)  
BIO 621, Seminar: Invasive Species (Theodose)  
BIO 621, Seminar: Topics in Microbiology (Moore)

Spring 2009

BIO 101K, Biological Foundations (for non-biology majors)  
BIO 102K, Biological Experiences (for non-biology majors)  
BIO 105K, Biological Principles I: Cellular Biology

BIO 106K, Laboratory Biology  
BIO 107, Biological Principles II: Evolution, Biodiversity, and Evolution  
BIO 109, Biological Principles III: Functional Biology  
BIO 211, Human Anatomy and Physiology II  
BIO 212, Practical Human Anatomy and Physiology II  
BIO 217, Evolution  
BIO 251, History of Biology  
BIO 345, Pathophysiology  
BIO 417, Issues in Evolution

Area 1 courses:

BIO 361, Parasitology  
BIO 362, Parasitology Laboratory  
BIO 405W, Animal Behavior  
BIO 406, Animal Behavior Laboratory

Area 3 courses:

BIO 401, General Physiology  
BIO 402, General Physiology Laboratory

Area 4 courses:

BIO 311, Microbiology  
BIO 312W, Microbiology Laboratory  
BIO 409, Cell and Molecular Biology  
BIO 410, Cell and Molecular Biology Laboratory

Graduate courses:

BIO 501, General Physiology  
BIO 502, General Physiology Laboratory  
BIO 505, Animal Behavior  
BIO 506, Animal Behavior Laboratory  
BIO 509, Cell and Molecular Biology  
BIO 510, Cell and Molecular Biology Laboratory  
BIO 511, Endocrinology  
BIO 517, Issues in Evolution  
BIO 545, Advanced Pathophysiology  
BIO 602, Ethics in Biology  
BIO 621, Seminar: Topics in Behavioral Ecology (Maher)  
BIO 621, Seminar: Topics in Marine Biology (Gainey)

Summer 2009

BIO 103K, Marine Biology (for non-biology majors)  
BIO 104K, Marine Biology Laboratory (for non-biology majors)  
BIO 105K, Biological Principles I: Cellular Biology  
BIO 106K, Laboratory Biology  
BIO 111, Human Anatomy and Physiology I  
BIO 112, Practical Human Anatomy and Physiology I  
BIO 211, Human Anatomy and Physiology II  
BIO 212, Practical Human Anatomy and Physiology II  
BIO 281, Microbiology and Human Disease  
BIO 282, Microbiology and Human Disease Laboratory

BIO 345, Pathophysiology

Fall 2009

BIO 103K, Marine Biology (for non-biology majors)  
BIO 104K, Marine Biology Laboratory (for non-biology majors)  
BIO 105K, Biological Principles I: Cellular Biology  
BIO 106K, Laboratory Biology  
BIO 107, Biological Principles II: Evolution, Biodiversity, and Evolution  
BIO 109, Biological Principles III: Functional Biology  
BIO 111, Human Anatomy and Physiology I  
BIO 112, Practical Human Anatomy and Physiology I  
BIO 201, Genetics  
BIO 281, Microbiology and Human Disease  
BIO 282, Microbiology and Human Disease Laboratory  
BIO 345, Pathophysiology  
BIO 408, Experimental Genetics  
BIO 431, Principles of Immunology

Area 1 courses:

BIO 231, Botany

Area 2 courses:

BIO 331, Ecological Principles  
BIO 332, Field Ecology  
BIO 415, Microbial Ecology  
BIO 416, Microbial Ecology Laboratory

Area 3 courses:

BIO 321, Neurobiology  
BIO 322, Neurobiology Laboratory  
BIO 381, Plant Physiology  
BIO 403, Comparative Physiology  
BIO 404, Comparative Physiology Laboratory

Area 4 courses:

BIO 305, Developmental Biology  
BIO 306W, Developmental Biology Laboratory

Graduate courses:

BIO 503, Comparative Physiology  
BIO 504, Comparative Physiology Laboratory  
BIO 508, Experimental Genetics  
BIO 511, Estuarine Ecology  
BIO 515, Microbial Ecology  
BIO 516, Microbial Ecology Laboratory  
BIO 545, Advanced Pathophysiology  
BIO 601, Research Methods in Biology  
BIO 615, Plant Metabolism

Spring 2010

BIO 101K, Biological Foundations (for non-biology majors)

BIO 102K, Biological Experiences (for non-biology majors)  
BIO 105K, Biological Principles I: Cellular Biology  
BIO 106K, Laboratory Biology  
BIO 107, Biological Principles II: Evolution, Biodiversity, and Evolution  
BIO 109, Biological Principles III: Functional Biology  
BIO 211, Human Anatomy and Physiology II  
BIO 212, Practical Human Anatomy and Physiology II  
BIO 217, Evolution  
BIO 251, History of Biology  
BIO 345, Pathophysiology  
BIO 407, Molecular Mechanisms of Animal Development  
BIO 417, Issues in Evolution

Area 1 courses:

BIO 353W, Vertebrate Zoology  
BIO 361, Parasitology  
BIO 362, Parasitology Laboratory

Area 3 courses:

BIO 401, General Physiology  
BIO 402, General Physiology Laboratory

Area 4 courses:

BIO 311, Microbiology  
BIO 312W, Microbiology Laboratory  
BIO 409, Cell and Molecular Biology  
BIO 410, Cell and Molecular Biology Laboratory

Graduate courses:

BIO 501, General Physiology  
BIO 502, General Physiology Laboratory  
BIO 507, Molecular Mechanisms of Animal Development  
BIO 509, Cell and Molecular Biology  
BIO 510, Cell and Molecular Biology Laboratory  
BIO 517, Issues in Evolution  
BIO 545, Advanced Pathophysiology  
BIO 621, Seminar: Topics in Behavioral Ecology (Maher)

Summer 2010

BIO 103K, Marine Biology (for non-biology majors)  
BIO 104K, Marine Biology Laboratory (for non-biology majors)  
BIO 105K, Biological Principles I: Cellular Biology  
BIO 106K, Laboratory Biology  
BIO 111, Human Anatomy and Physiology I  
BIO 112, Practical Human Anatomy and Physiology I  
BIO 211, Human Anatomy and Physiology II  
BIO 212, Practical Human Anatomy and Physiology II  
BIO 281, Microbiology and Human Disease  
BIO 282, Microbiology and Human Disease Laboratory  
BIO 291, Ornithology (fulfills area 1 requirement)  
BIO 345, Pathophysiology