

BIOLOGY

[Overview](#)[Academics & Admissions](#)[Programs](#)[Minors](#)[Courses](#)[Faculty](#)

Courses

- [Bisc 100: Introduction to the Study of Biology](#)
- [Bisc 100: Research Internship](#)
- [Bisc 102: Inquiry Into Life: Human Biology](#)
- [Bisc 103: Inquiry into Life Laboratory I](#)
- [Bisc 104: Inquiry into Life: The Environment](#)
- [Bisc 105: Inquiry into Life Laboratory II](#)
- [Bisc 110: Human Biology: An Integrated Exploration](#)
- [Bisc 111: The Environment: Integrated Exploration](#)
- [Bisc 150: Principles of Biological Science](#)
- [Bisc 160: Biological Sciences I](#)
- [Bisc 161: Biological Sciences I Laboratory](#)
- [Bisc 162: Biological Sciences II](#)
- [Bisc 163: Biological Sciences II Laboratory](#)
- [Bisc 164: Honors Recitation I](#)
- [Bisc 165: Honors Recitation II](#)
- [Bisc 200: Research Experience](#)
- [Bisc 206: Human Anatomy and Physiology](#)
- [Bisc 207: Human Anatomy and Physiology](#)
- [Bisc 210: Principles of Microbiology](#)
- [Bisc 220: Natural Resource Management](#)
- [Bisc 300: Research Methods in Biology](#)
- [Bisc 301: Evolution](#)
- [Bisc 305: Science in Practice](#)
- [Bisc 306: Virology](#)
- [Bisc 310: Human Anatomy](#)
- [Bisc 318: Botany](#)
- [Bisc 320: Introductory Marine Biology](#)
- [Bisc 321: Introductory Aquatic Biology](#)
- [Bisc 322: General Ecology](#)
- [Bisc 327: Introductory Neuroscience](#)
- [Bisc 329: Biology of Fishes](#)
- [Bisc 330: Introductory Physiology](#)
- [Bisc 331: Comparative Anatomy of the Vertebrates](#)
- [Bisc 332: Comparative Embryology of Vertebrates](#)
- [Bisc 333: General Microbiology](#)
- [Bisc 334: Ornithology](#)
- [Bisc 335: Human Reproduction](#)
- [Bisc 336: Genetics](#)
- [Bisc 337: Introductory Entomology](#)
- [Bisc 338: Invertebrate Zoology](#)
- [Bisc 339: Phycology](#)
- [Bisc 342: Plant Diversity](#)
- [Bisc 345: Symbiosis: From Parasitism to Mutualism](#)
- [Bisc 350: Mammalogy](#)
- [Bisc 352: Coastal Ecology](#)
- [Bisc 370: Introductory Molecular Genetics](#)
- [Bisc 372: Introductory Cell Biology](#)
- [Bisc 380: Topics in Biology Abroad](#)



- [Bisc 413: Conservation Biology](#)
- [Bisc 414: Immunology and Serology](#)
- [Bisc 415: Vertebrate Histology](#)
- [Bisc 416: Elementary Parasitology](#)
- [Bisc 417: Evolution and Medicine](#)
- [Bisc 418: Introduction to Molecular Systematics](#)
- [Bisc 427: Methods in Comparative Neuroscience](#)
- [Bisc 435: Research in Freshwater Biology](#)
- [Bisc 436: Human and Vertebrate Genetics](#)
- [Bisc 438: Microbial Physiology](#)
- [Bisc 440: Cell and Molecular Biology](#)
- [Bisc 441: Tropical Botany](#)
- [Bisc 443: Ecology of Plant Communities of MS](#)
- [Bisc 445: Introduction to Coral-Reef Ecology](#)
- [Bisc 446: Fishes of the Tropics](#)
- [Bisc 447: Neotropical Forest Herpetology](#)
- [Bisc 448: Tropical Studies in Biology](#)
- [Bisc 449: Tropical Invertebrate Biology](#)
- [Bisc 450: Tropical Ornithology](#)
- [Bisc 451: Ecotoxicology](#)
- [Bisc 479: Special Topics in Biology](#)
- [Bisc 491: Directed Study in Biological Sciences I](#)
- [Bisc 492: Directed Study in Biological Sciences II](#)
- [Bisc 493: Capstone Directed Study](#)
- [Bisc 498: Major Field Achievement Test](#)
- [Bisc 499: Listing for Individual Basis Courses](#)
- [Bisc 502: Mycology](#)
- [Bisc 503: Topics in Bioinformatics](#)
- [Bisc 504: Biometry](#)
- [Bisc 505: Aquatic Microbiology](#)
- [Bisc 507: Cell Biology of Cancer](#)
- [Bisc 509: Microbial Genetics](#)
- [Bisc 510: Theoretical Ecology](#)
- [Bisc 511: Applied Microbiology](#)
- [Bisc 512: Animal Behavior](#)
- [Bisc 513: Limnological Methods](#)
- [Bisc 514: Population Genetics](#)
- [Bisc 515: Conservation Biology: Viable Populations](#)
- [Bisc 516: Plant Physiology](#)
- [Bisc 518: Microtechnique](#)
- [Bisc 519: Physiology of Aquatic Animals](#)
- [Bisc 520: Medical Microbiology](#)
- [Bisc 521: Cell Physiology](#)
- [Bisc 522: Microbial Ecology](#)
- [Bisc 523: Molecular Microbiol. of Soils & Sediment](#)
- [Bisc 524: Aquatic Botany](#)
- [Bisc 525: Conservation and Restoration Ecology](#)
- [Bisc 526: Survey of the Amphibia](#)
- [Bisc 527: Survey of the Reptilia](#)
- [Bisc 528: Conservation Physiology](#)
- [Bisc 528: Principles of Developmental Biology](#)
- [Bisc 529: Endocrinology](#)
- [Bisc 530: Advanced Field Study in Ecology](#)
- [Bisc 531: Plant Morphology](#)
- [Bisc 532: Plant Taxonomy](#)
- [Bisc 533: Advanced Neuroscience](#)
- [Bisc 534: Freshwater Insects](#)
- [Bisc 535: Plant-Insect Interactions](#)
- [Bisc 538: Hormones and Behavior](#)



- [Bisc 540: Chemical Ecology](#)
- [Bisc 541: Cell Biology of Neurodegenerative Diseases](#)
- [Bisc 542: Microbial Diversity](#)
- [Bisc 543: Functional Neuroanatomy](#)
- [Bisc 546: Herpetology](#)
- [Bisc 547: Advanced Histology](#)
- [Bisc 548: Plant Cell and Developmental Biology](#)
- [Bisc 550: Biological Oceanography](#)
- [Bisc 551: Protozoology](#)
- [Bisc 553: Comparative Animal Physiology](#)
- [Bisc 554: Ecological Physiology](#)
- [Bisc 555: Radiation Biology](#)
- [Bisc 566: Evolutionary Biology](#)
- [Bisc 567: Evolutionary Biology Laboratory](#)
- [Bisc 568: Infectious Disease Ecology](#)
- [Bisc 571: History of Biology](#)
- [Bisc 578: Advanced Topics in Biology I](#)
- [Bisc 579: Advanced Topics in Biology](#)
- [Bisc 580: Advanced Topics in Biology III](#)
- [Bisc 604: Design & Analysis of Ecological Experiments](#)
- [Bisc 608: Limnology](#)
- [Bisc 609: Stream Ecology](#)
- [Bisc 610: Virology](#)
- [Bisc 611: Wetlands Ecology](#)
- [Bisc 613: Plant Ecology](#)
- [Bisc 614: Advanced General Microbiology](#)
- [Bisc 615: Ichthyology](#)
- [Bisc 616: Population Biology](#)
- [Bisc 617: Fishery Biology](#)
- [Bisc 618: Community Ecology](#)
- [Bisc 619: Ecosystems Ecology](#)
- [Bisc 620: Field Botany](#)
- [Bisc 621: Behavioral Endocrinology](#)
- [Bisc 622: Behavioral Ecology](#)
- [Bisc 623: Aquatic Plants](#)
- [Bisc 626: Aquatic Ornithology](#)
- [Bisc 628: Advanced Reproductive Physiology](#)
- [Bisc 629: Advanced Biochemical Endocrinology](#)
- [Bisc 630: Algology](#)
- [Bisc 631: Advanced Aquatic Techniques](#)
- [Bisc 632: Aquatic Toxicology](#)
- [Bisc 633: Microbial Energetics](#)
- [Bisc 635: Insect Taxonomy](#)
- [Bisc 637: Prokaryotic Development](#)
- [Bisc 639: Insect Morphology](#)
- [Bisc 640: Biology of Amphibia](#)
- [Bisc 641: Biology of Reptilia](#)
- [Bisc 647: Invertebrate Zoology](#)
- [Bisc 649: Methods in Molecular Biology](#)
- [Bisc 650: Introduction to Research in Biol Sci](#)
- [Bisc 651: Advanced Parasitology](#)
- [Bisc 658: Systems Biology: Theory and Practice](#)
- [Bisc 659: Techniques in Molecular Systematics](#)
- [Bisc 660: Plant Anatomy and Development](#)
- [Bisc 661: Phylogenetic Systematics](#)
- [Bisc 662: Multivariate Analysis of Ecological Data](#)
- [Bisc 675: Advanced Microbial Physiology](#)
- [Bisc 676: Topics in Evolutionary Physiology](#)
- [Bisc 677: Topics in Evolution and Ecology](#)



- [Bisc 679: Directed Study in Biological Science](#)
- [Bisc 691: Seminar](#)
- [Bisc 692: Seminars on Special Topics](#)
- [Bisc 693: Microbiology Seminar](#)
- [Bisc 697: Thesis](#)
- [Bisc 797: Dissertation](#)

