

## **Biology**

Overview

**Academics & Admissions** 

**Programs** 

**Minors** 

**Courses** 

**Faculty** 

## Courses

- Bisc 100: Research Experience
- 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 I
- Bisc 207: Human Anatomy and Physiology II
- 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 323: Biology of Invasive Species
- 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 349: Biology of Sharks and Their Relatives
- 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 439: Developmental Biology
- 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 514: 1 opulation 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 527: Survey of the Reptilia
- Bisc 528: Conservation Physiology
- 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



The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.



- Bisc 540: Chemical Ecology
- Bisc 541: Cell Biol. of Neurodegenerative Disease
- 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 560: Microbial Experimental Evolution
- 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 590: Systems Biology: Theory and Practice
- Bisc 604: Experimental Design
- 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: Survival Skills for Science Careers
- 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





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- Bisc 676: Topics in Evolutionary Physiology
- Bisc 677: Topics in Evolution and Ecology
- Bisc 678: Topics in Environmental & Applied Micro
- 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

