

PHYSICS & ASTRONOMY

Overview

Academics & Admissions

Programs

Minors

Courses

Faculty

Courses

- Astr 101: Descriptive Astronomy I
- Astr 102: Descriptive Astronomy II
- Astr 103: Astronomy I
- Astr 104: Astronomy II
- · Astr 204: Astronomy of Stars and Galaxies
- Astr 325: Astrophysics
- · Astr 436: Introduction to Cosmology
- Phys 101: Introduction to Physics I
- Phys 102: Introduction to Physics II
- Phys 107: Physical Science I
- Phys 108: Physical Science II
- Phys 111: Physics of Sound & Music
- Phys 112: Physics of Light, Color, & Art
- Phys 123: Physics of the Atmosphere
- Phys 201: Physics Toolbox
- Phys 202: Physics Toolbox II
- Phys 211: Physics for Science & Engineering I
- Phys 212: Physics for Science & Engineering II
- Phys 213: General Physics I
- Phys 214: General Physics II
- Phys 215: Physics for Pharmaceutical Sciences
- Phys 221: Lab Physics for Science & Engineering I
- Phys 222: Lab Physics for Science & Engineering II
- Phys 223: Laboratory Physics I
- Phys 224: Laboratory Physics II
- Phys 303: Physical Theory
- Phys 308: Mathematical Physics
- Phys 309: Thermodynamics
- Phys 310: Mechanics
- Phys 313: Physics & Biophysics of Air & Water
- Phys 315: Radiation Science
- Phys 317: Introduction to Modern Physics I
- Phys 318: Introduction to Modern Physics II
- Phys 319: Optics
- Phys 321: Electronics
- Phys 401: Electromagnetic Theory I
- Phys 402: Electromagnetic Theory II
- Phys 413: Introduction to Biophysics
- Phys 415: Radiation Physics Laboratory
- Phys 417: Modern Physics Laboratory
- Phys 422: Digital Electronics & Microprocessors
- Phys 425: Nuclear & Particle Physics Laboratory
- Phys 427: Introduction to Condensed Matter Physics
- Phys 436: Introduction to Cosmology
- Phys 451: Introduction to Quantum Mechanics
- Phys 461: Senior Seminar

about the accreditation.

- Phys 463: Senior Research Project
- Phys 464: Senior Research Project

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



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- Phys 498: Senior Review
- Phys 501: Intermediate Electromagnetic Theory I
- Phys 502: Intermediate Electromagnetic Theory II
- Phys 503: Selected Topics in Physics I
- Phys 507: Directed Research
- Phys 510: Research Seminar
- Phys 511: Physical Acoustics Seminar
- Phys 514: Physics of Medical Imaging
- Phys 521: Acoustics
- Phys 522: Acoustics Laboratory
- Phys 525: Ultrasonics
- Phys 530: Independent Study in Physics I
- Phys 532: Advanced Acoustics Laboratory
- Phys 533: Survey of Topics in Physics I
- Phys 534: Survey of Topics in Physics II
- Phys 540: Introduction to Scientific Computing
- Phys 551: Mathematical Methods of Physics I
- Phys 552: Mathematical Methods of Physics II
- Phys 605: Advanced Acoustics
- Phys 607: Atomic and Nuclear Physics
- Phys 609: Advanced Mechanics I
- Phys 610: Advanced Mechanics II
- Phys 611: Quantum Mechanics I
- Phys 612: Quantum Mechanics II
- Phys 617: Modern Physics I
- Phys 618: Modern Physics II
- Phys 621: Advanced Electromagnetic Theory I
- Phys 622: Advanced Electromagnetic Theory II
- Phys 623: Introduction to Nuclear Physics I
- Phys 624: Introduction to Nuclear Physics II
- Phys 625: Solid State Physics I
- Phys 626: Solid State Physics II
- Phys 627: Adv Thermodynamics/Statistical Mech I
- Phys 628: Adv Thermodynamics/Statistical Mech II
- Phys 629: Selected Topics in Physics I
- Phys 630: Selected Topics in Physics II
- Phys 631: Quantum Field Theory I
- Phys 632: Quantum Field Theory II
- Phys 633: Elementary Particle Physics
- Phys 634: Electronics in Research
- Phys 636: Advanced Physical Optics
- Phys 637: Fluid Dynamics
- Phys 695: Physics Research Project
- Phys 697: Thesis Research in Physics
- Phys 735: Gravitational Physics
- Phys 749: Advanced Topics in Physics I
- Phys 750: Advanced Topics in Physics II
- Phys 795: Advanced Physics Research Project
- Phys 797: Dissertation

