Physics & Astronomy

Overview
Academics & Admissions
Programs
Minors
Courses
Faculty

Courses

- Astr 101: Descriptive Astronomy
- Astr 103: Intro Astronomy of the Solar System
- Astr 104: Intro Astronomy of Stars and Galaxies
- 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: Conceptual Physics I
- Phys 108: Conceptual Physics 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 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 and Techniques
- 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
- Phys 463: Senior Research Project
- Phys 464: Senior Research Project
- Phys 498: Senior Review
- Phys 501: Intermediate Electromagnetic Theory I

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.

- Phys 502: Intermediate Electromagnetic Theory II
- Phys 503: Selected Topics in Physics
- Phys 507: Directed Research
- Phys 510: Physics and Astronomy Colloquium
- 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 605: Advanced Acoustics
- Phys 607: Atomic and Nuclear Physics
- Phys 629: Special Topics in Physics
- Phys 630: Independent Study in Physics II
- Phys 634: Electronics in Research
- Phys 636: Advanced Physical Optics
- Phys 637: Fluid Dynamics
- Phys 651: Mathematical Methods of Physics I
- Phys 652: Mathematical Methods of Physics II
- Phys 695: Physics Research Project
- Phys 697: Thesis Research in Physics
- Phys 709: Advanced Mechanics I
- Phys 710: Advanced Mechanics II
- Phys 711: Quantum Mechanics I
- Phys 712: Quantum Mechanics II
- Phys 717: Modern Physics I
- Phys 718: Modern Physics II
- Phys 721: Advanced Electromagnetic Theory I
- Phys 722: Advanced Electromagnetic Theory II
- Phys 723: Nuclear Physics I
- Phys 724: Nuclear Physics II
- Phys 725: Solid State Physics I
- Phys 726: Solid State Physics II
- Phys 727: Adv Thermodynamics/Statistical Mech I
- Phys 728: Adv Thermodynamics/Statistical Mech II
- Phys 731: Quantum Field Theory I
- Phys 732: Quantum Field Theory II
- Phys 733: Elementary Particle Physics
- Phys 735: Gravitational Physics
- Phys 749: Advanced Topics in Physics
- Phys 750: Independent Study in Physics III
- Phys 795: Advanced Physics Research Project
- Phys 797: Dissertation

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.