

Physics & Astronomy

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

Courses

- [Astr 101: Descriptive Astronomy I](#)
- [Astr 102: Descriptive Astronomy II](#)
- [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](#)
- [Phys 502: Intermediate Electromagnetic Theory II](#)
- [Phys 503: Selected Topics in Physics I](#)
- [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: Selected Topics in Physics I](#)
- [Phys 630: Selected Topics 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 I](#)
- [Phys 750: Advanced Topics in Physics II](#)
- [Phys 795: Advanced Physics Research Project](#)
- [Phys 797: Dissertation](#)

