Department of Physics
2023/2024 Timeline for 1st-year students

Getting Started

- **TATT 600 training**  August 17 and 18, 2023
- **JPE 600**  August 21, 2023
- Physics Orientation  August 25, 2023, 11:00 am, MSC N215
- Physics Placement Exam  Upon request
- Research Presentations by Faculty  Aug. 31, 2023, 4:00 – 6:00 pm, Sept. 1, 2023, 12:00 – 2:00 pm, MSC N215

Matching of Students for Rotation for Fall & Spring Semesters

- Students submit a list of 5 professors in order of preference – Sept. 15, 2023
- Students informed of their rotations – Friday, Sept. 22
- Rotation #1 (12 weeks), Monday, Sept 25, 2023 – Friday, December 15, 2023
  Completion rotation report due: Monday, December 18, 2023. **Please note: Extensions granted only by request, must be approved by Advisor before submission.**
- Rotation #2 (12 weeks), Monday, January 22, 2024 – Friday, April 12, 2024
  Completion rotation report due: Monday, April 15, 2024. **Please note: Extensions granted only by request, must be approved by Advisor before submission.**
- Students submit faculty preference – Friday, April 26, 2024
- Students informed of advisors – Friday, May 3, 2024
- Start of Summer Research – Monday, May 6, 2024

First Year Course Work

**Fall 2023**
- Phys 501, Quantum Mechanics (3 credit hrs.)
- Phys 502, Mathematical Methods I (3 credit hrs.)
- 0-1 elective:
  - 528 Continuum Mechanics (3 credit hrs.)
  - 544 Advanced Lab (3 credit hrs.)
  - 556 Single Molecule Biophysics (3 credit hrs.)
  - 599R Research (2 credit hrs.)
  - 590A/B: Seminar Teaching College Physics (1 credit hr.)
- ELSP Courses for some international students

**Spring 2024**
- Phys 503, Classical Theory of Particles and Fields (3 credit hrs.)
- Phys 504, Collective and Emergent Phenomena (3 credit hrs.)
- 0-1 elective:
  - 525 Introduction to Condensed Matter Physics (3 credit hrs.)
  - 751R Nanophotonics (3 credit hrs.)
  - 751R Physics of Inference (3 credit hrs.)
  - 530 Introduction to Biophysics (3 credit hrs.)
  - 544 Advanced Laboratory
  - 599R Research (2 credit hrs.)
  - 590A/B: Seminar Teaching College Physics (1 credit hr.)
- ELSP Courses for some international students

**Summer 2024**
- Phys 599R Research (9 credit hrs.) (S/U) with PhD Advisor