



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.) <u>0-1 elective:</u> 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.) <u>0-1 elective:</u> 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