Physics: Professional Option (2023-2024)

Fall
- M181 or M171: Honors Calc 1 (4-F)
- M182 or M172: Honors Calc II (4-S)

Spring
- PHSX240*: Honors Mech (4-F)
- PHSX242*: Honors E&M/Optics (4-S)

Fall
- PHSX224: Therm/Mod (4-F/Su)
- PHSX220*: Research Sem (1-F)

Spring
- PHSX262: LabElect II (2-S)
- PHSX261: LabElect I (3-F)

Suggested Physics and Math Electives: Verify in current catalog
- M333 (LinAlg)
- M348 (TechAppl I)
- M383 (Analysis I)
- M454 (DynSys I)
- M476 (Intro Top)
- M221 (IntroLinAlg)
- STAT332 (StatSciEng)

Math Electives
(M221, M ≥ 300, STAT ≥ 300)
(suggested courses below, 3 credits each)
- Fall
  - M329 (Mod Geom)
  - M349 (T Appl II)
  - M384 (Analysis II)
  - M386R (SoftAppl)
  - M430 (MathBio)
  - M431 (AbsAlgo)
  - M442 (Numerical)
- Spring
  - M332 (StatSciEng)

Fall
- PHSX491: (On demand)
- PHSX490: (On demand, SFSu)
- PHSX494: Seminars (1-F)
- Not P/F
- Ex-Gal Astro (3-F-even)
- ASTR475
- Astron Astro (4-F-odd)

Spring
- PHSX305RN: Holography (3-S)
- PHSX372: Galactic Astro (3-S)
- PHSX427: Adv Optics (3-S-even)
- PHSX437: Laser Appl (3-S-odd)
- PHSX441: Solid State (3-S-odd)
- PHSX451: Elem Particles (3-S-odd)
- ASTR476: Astrophysics (3-S)

See catalog for pre-requisites for elective courses.

Required Courses
- Course# CourseName
  - ASTR373 Ex-Gal Astro (3-F-even)
  - ASTR475
  - (4-F-odd)

Required Elective Credits
- F=Fall S=Spring Su=Summer
- odd = only odd years
- even = only even years

Suggested Electives
- Co-Req

Pre-Req
- Course

Senior Project credits also count for PHSX490R or Physics elective requirements.

Note: 2 credits of PHSX490R must be completed before taking PHSX499R.

A minimum of 120 total credits is required for graduation; 42 credits must be numbered ≥300.
C- or better is required for all required courses. D-, D, D+, and P credits only count towards the overall 120 credit requirement.