Physics: Professional Option (2021-2022)

Fall
- M181 or M171 Honors Calc I (4-F)
- PHSX240* Honors Mech (4-F)
- PHSX261 LabElect I (3-F)
- PHSX200 Research Sem (1-F)

Spring
- M182 or M172 Honors Calc II (4-S)
- PHSX242* Honors E&M/Optics (4-S)
- PHSX224 Therm/Mod (4-F-Su)
- PHSX204 Research Sem (1-F)

Fall
- M284 or M274 Honors DEqu (4-S)
- PHSX301 IntroTheory (3-S)
- PHSX305RN Holography (3-S)
- PHSX493R SenCapPres (1-S)

Spring
- M283 or M273 Honors MVCalc (4-F)
- PHSX320 ClassicMech (3-F)
- PHSX304R LabElect II (2-S)
- PHSX305R LabElect I (3-F)

Fall
- PHSX320 ClassicMech (3-F)
- PHSX320 Modern (3-F)
- PHSX423 Elect & Mag I (3-S)
- PHSX425 QuantMech II (3-S)

Spring
- PHSX331 CompPhys (1-F)
- PHSX343 Elect & Mag II (3-S)
- PHSX344 Adv PhysLab (4-F)
- PHSX345 Astrophy (3-S)

Fall
- PHSX492 Ind. Study (On demand, SFSu)
- PHSX494 Seminars (1-F-Su)
- PHSX490* UG Research (2-SFSu)
- PHSX492* Ind. Study (On demand, SFSu)

Spring
- PHSX490R* UG Research (2-SFSu)
- PHSX492* Ind. Study (On demand, SFSu)
- PHSX492* Ind. Study (On demand, SFSu)
- PHSX492* Ind. Study (On demand, SFSu)

Suggested Electives
- Bio, Chem, or Earth Sci Elective (4 cr)

Math Electives (7 cr; PHSX253 and PHSX or ASTR ≥ 300)
- STAT332 StatScEng
- M333 (LinAlg)
- M348 (TechAppl I)
- M383 (Analysis I)
- M450 (ApplMath I)
- M454 (DynSys II)
- M476 (Intro Top)

Fall
- PHSX253 Photography (2-F)
- ASTR372 Galactic Astro (3-F)
- PHSX441 Solid State (3-F-odd)
- PHSX492 Ind. Study (On demand, SFSu)

Spring
- PHSX305SR Holography (3-S)
- ASTR373 Ex-Gal Astro (3-S)
- PHSX427 Adv Optics (3-S-even)
- PHSX492 Ind. Study (On demand, SFSu)

Required Courses
- PHSX492 Ind. Study (On demand, SFSu)
- PHSX492 Ind. Study (On demand, SFSu)
- PHSX492 Ind. Study (On demand, SFSu)
- PHSX492 Ind. Study (On demand, SFSu)

Senior Project
- PHSX490R* UG Research (2-SFSu) (completed before 499R)

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+, and P credits only count towards the overall 120 credit requirement.

Suggested Electives
- Pre-Req Course
- Co-Req Course
- See catalog for pre-requisites for elective courses.