Physics Professional Option (2010-2012)

Freshman

Fall
- M181orM171 Honors/Calc I (4-F)
- PHSX240 Honors Mech (4-F)

Spring
- M182orM172 Honors/Calc II (4-S)
- PHSX242 Honors E&M/Optics (4-S)

Sophomore

Fall
- M283orM273 Honor/VCaLC (4-F)
- PHSX224 Therm/Mod (4-F)
- PHSX261 LabElect I (2-F)
- PHSX200 Research Sem (1-F)

Spring
- M284orM274 Honor/DEQU (4-S)
- PHSX301 IntroTheory (3-S)
- PHSX262 LabElect II (2-S)

Junior

Fall
- PHSX490R UG Research (2-SFSu) (completed before 499R)
- PHSX331 CompPhys (1-F)
- PHSX343 Modern (3-F)

Spring
- PHSX446 ThermoStat I (3-S)
- PHSX423 ElectMag I (3-S)
- PHSX425 ElectMag II (3-F)
- PHSX461 QuantMech I (3-F)

Senior

Fall
- PHSX494 SenCapPres (1-S)

Spring
- PHSX442 AdvPhysLab (4-FS)

Required Courses

- PHSX253 Photography (2-F)
- ASTR371 SolarAstro (4-F)
- PHSX451 SoliState (3-F-a10)
- PHSX492 Ind. Study (On demand, SFSu)
- PHSX494 Seminars (1-F)

Elective Courses

Elective Credits

- PHSX305RN Holography (3-S)
- PHSX327 Optics (3-S-a12)
- PHSX337 LaserAppl (3-S-a11)
- PHSX435 AstroPhysics (3-S-a12)
- PHSX442 NovelMaterials (3-S-a11)

Senior Project (≥ 2 cr of 492 or 490R)

Required Courses

Course Credits

Suggested Electives

Co-Req

Pre-Req

See catalog for pre-requisites for elective courses.

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

Note: Physx320 has the option of PHSX301 or M348 as a pre-req.
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 electives and 120 total credits.