## Physics Professional Option (2016-2018)

### Freshman
- **Fall:** M181orM171 (Honors/Calc I) (4-F)
- **Spring:** M182orM172 (Honors/Calc II) (4-S)

### Sophomore
- **Fall:** M283orM273 (Honors/MVCalc) (4-F)
- **Spring:** M284orM274 (Honor/DEqu) (4-S)

### Junior
- **Fall:** PHSX490R (UG Research) (2-SFSu) (completed before 499R)
- **Spring:** PHSX499R (SenCapPres) (1-S)

### Senior
- **Fall:** PHSX425 (ThermoStat I) (3-F)
- **Spring:** PHSX446 (Elec&Mag II) (3-F)

### Required Courses
- **PHSX461** (QuantMech I) (3-F)
- **PHSX499R** (SenCapPres) (1-S)
- **PHSX424** (IntroTheory) (3-S)
- **PHSX462** (ThermoStat II) (3-S)
- **PHSX343** (Modern) (3-F)
- **PHSX402** (Elec&Mag I) (3-F)

### Electives
- **PHSX200** (Research Sem) (1-F)
- **PHSX220** (LabElect I) (3-F)
- **PHSX261** (LabElect II) (2-S)
- **PHSX262** (ClassicMech) (4-F)

### Senior Project
- **PHSX492** (Ind. Study) (On demand, SFSu)
- **PHSX494** (Seminars) (1-FS)

### Course Notes
- Note: 2 credits of Phxs490R 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.

### Suggested Physics and Math Electives
- **Math Electives** (M221, M ≥ 300, STAT ≥ 300) (suggested courses below, 3 credits each)
- **PHSX253** (Photography) (2-F)
- **PHSX305RN** (Holography) (3-S)
- **PHSX441** (NovelMaterials) (3-S)

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### See catalog for pre-requisites for elective courses.

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

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- C- or better is required for all required courses. D-, D, D+, and P credits only count towards electives and 120 total credits.