**Physics: Interdisciplinary Option (2021-2022)**

**Freshman**
- Fall: M181 or M171 (Honors Calc I - 4F)
- Spring: M182 or M172 (Honors Calc II - 4S)
- M184 or M274 (Honors Differential Equations - 4S)
- PHSX242* (Honors Mech - 4F)
- PHSX200 (Research Sem - 1F)

**Sophomore**
- Fall: M283 or M273 (Honors MvCalc - 4F)
- Spring: M284 or M274 (Honors Differential Equations - 4S)
- PHSX224 (Therm/Mod (4-FS))
- PHSX261 (LabElect I - 3F)
- PHSX262 (LabElect II - 2S)
- PHSX301 (Intro Theory - 3S)

**Junior**
- Fall: PHSX490R (UG Research (2-SFSu) completed before 499R)
- Spring: PHSX423 (Elect & Mag I - 3S)
- PHSX431 (Comp Phys - 1F)
- PHSX462 (Quant Mech II - 3S)
- PHSX461 (Quant Mech I - 3F)
- PHSX425 (ThermoStat - 3S)
- PHSX437 (Astrophysics - 3-S) (even)
- PHSX301 (Intro Theory - 3S)

**Senior**
- Fall: PHSX494 (Seminars - 1FS)
- Spring: PHSX492 (Ind Study On Demand, SFSu)
- PHSX446 (Elect & Mag II - 3F)
- PHSX490R (UG Research (2-SFSu) completed before 499R)
- PHSX462 (Quant Mech II - 3S)
- PHSX444 (Adv Phys Lab - 4FS)

**Suggested Physics and Math Electives:** Verify in current catalog

- Math Electives (M221, M233, M333, M348, M349, M351, M384, M386, M430, M431, M442, M451, M454, M456, M329, M423, M425, M427, M429, M430, M431, M442, M451, M454, M456)
- Physics Electives (PHSX 253 and ≥300) (6 cr; PHSX253 and PHSX or ASTR ≥300)

**Required Courses**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Course#</th>
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<tbody>
<tr>
<td>Required Elective Credits</td>
<td>Course Name (# of Credits - Semester Offered)</td>
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<tr>
<td>Fall</td>
<td>Spring</td>
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<tr>
<td>PHSX253 (Photography - 2F)</td>
<td>PHSX305RN (Holography - 3S)</td>
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<td>ASTR372 (Galactic Astro - 3F)</td>
<td>ASTR373 (Ex-Gal Astro - 3S)</td>
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<tr>
<td>PHSX441 (Solid State - 3F-odd)</td>
<td>PHSX427 (Adv Optics - 3-S-odd)</td>
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<td>PHSX442 (Ind Study (On Demand, SFSu))</td>
<td>PHSX445 (Novel Mat (on Demand))</td>
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<tr>
<td>PHSX494 (Seminars - 1FS)</td>
<td>PHSX451 (Elem Particles - 3-S-odd)</td>
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**Suggested Electives**

- Co-Req

**Pre-Req**

- Fall

- Spring

- Not P/F

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