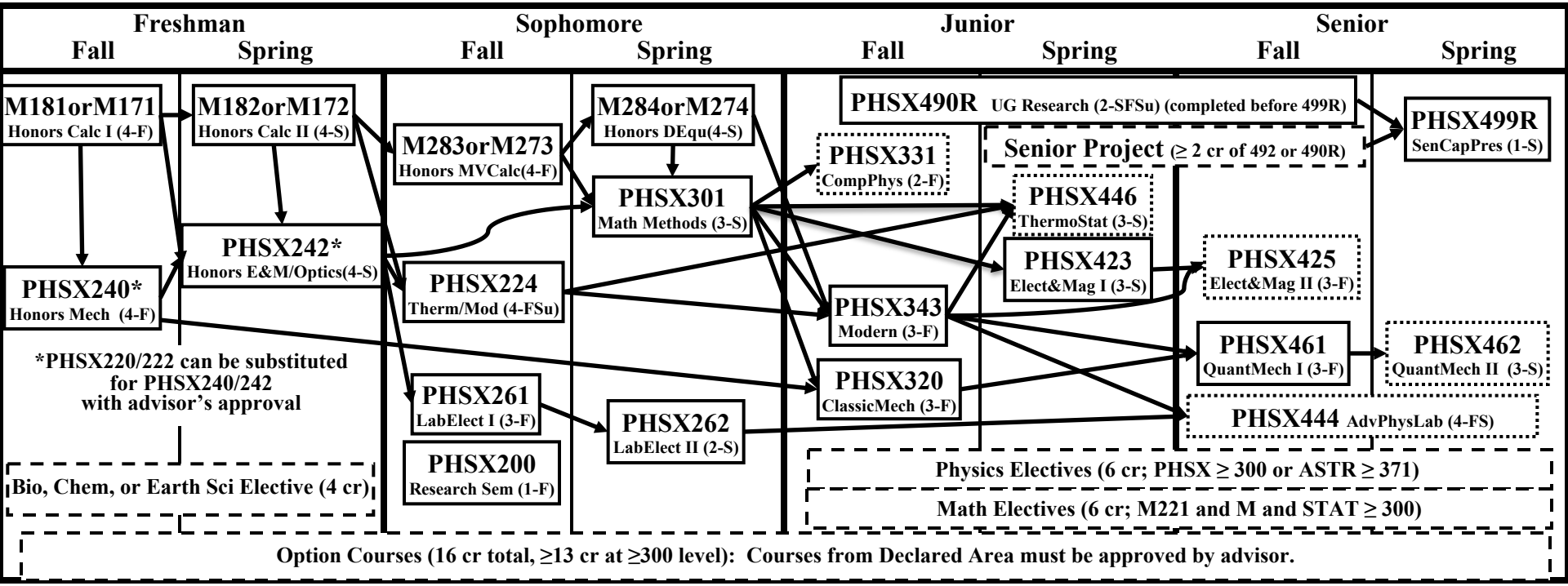
Physics: Interdisciplinary Option (2023-2024)

Modified 10/19/2022



Suggested Physics and Math Electives: Verify in current catalog

Math Electives
(M221, M ≥ 300, STAT ≥300)
(suggested courses below, 3 credits each)

Fall and Spring
- M221 (IntroLinAlg)
- STAT332 (StatScEng)

Fall
- M333 (LinAlg)
- M348 (TechAppl I)
- M383 (Analysis I)
- M450 (ApplMath I)
- M454 (DynSys I)
- M476 (Intro Top)

Spring
- M329 (Mod Geom)
- M349 (T Appl II)
- M384 (Analysis II)
- M386R (SoftAppl)
- M430 (MathBio)
- M431 (AbsAlg)
- M442 (Numerical)
- M451 (ApplMathII)
- M455 (DynSys II)
- M472 (Complex)

Physics Electives (≥ 300)

Fall
- ASTR373 Ex-Gal Astro (3-F-even)
- ASTR475 Observ Astro (4-F-odd)

Fall & Spring
- PHSX491 (On demand)
- PHSX492 Ind. Study (On demand, SFSu)
- PHSX494 Seminars (1-FS) Not P/F

Spring
- PHSX305RN Holography (3-S)
- ASTR372 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**
- **Required Elective Credits**
- **Suggested Electives**

Course#
CourseName
(# of Credits-Semester Offered)
F=Fall S=Spring Su=Summer
odd =only odd years
even=only even years

Co-Req → **Course**

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.