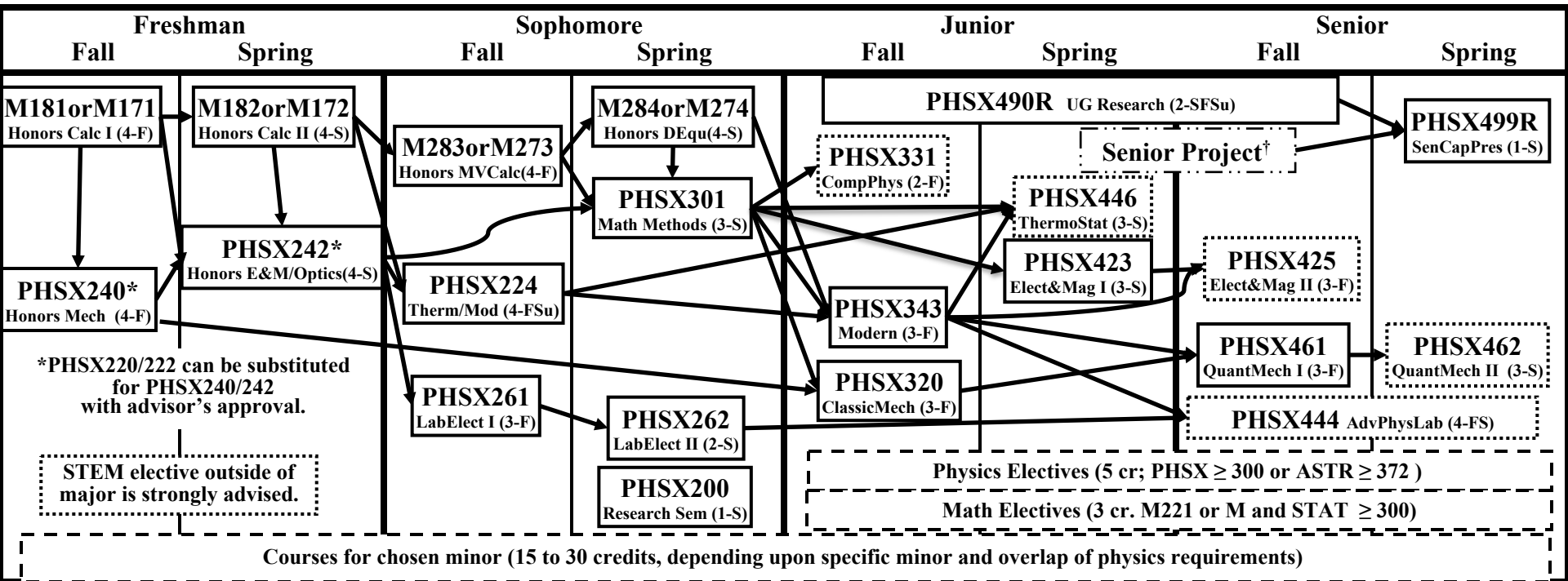


Physics: Interdisciplinary Option (2024-2025)



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)

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)

Fall

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

Note: M221 and STAT332 are strongly recommended, depending upon choice of minor.

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 (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)

Note: PHSX401, 402, 403, 405, and 490R are ineligible. Only 1 cr of PHSX494 is allowed.

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

Pre-Req

Course

† Senior Project must be completed before taking PHSX499R, and may comprise PHSX492 or the required 2 credits of PHSX490R. See catalog for details.

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.