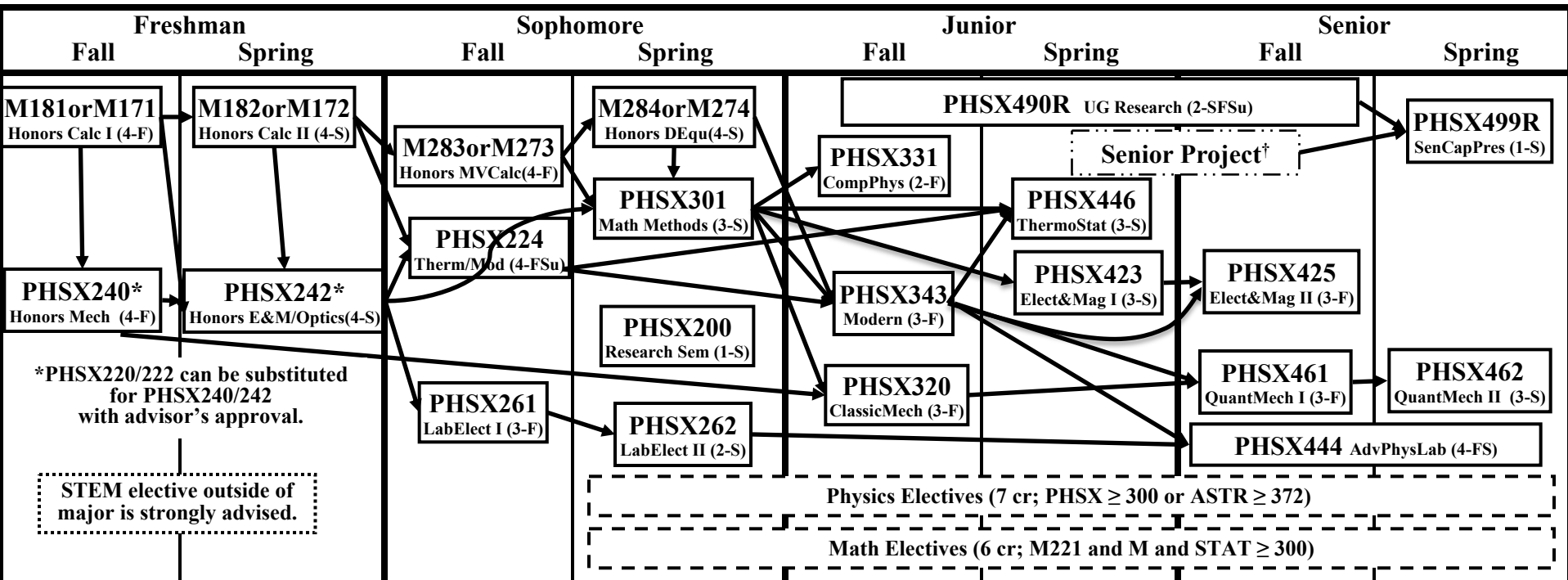


Physics: Professional Option (2024-2025)



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)

Physics Electives (≥ 300)

Fall

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

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)

Fall & Spring

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

See catalog for pre-requisites for
elective courses.

Required
Courses

Required
Elective
Credits

Suggested
Electives

Pre-Req

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

Co-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.