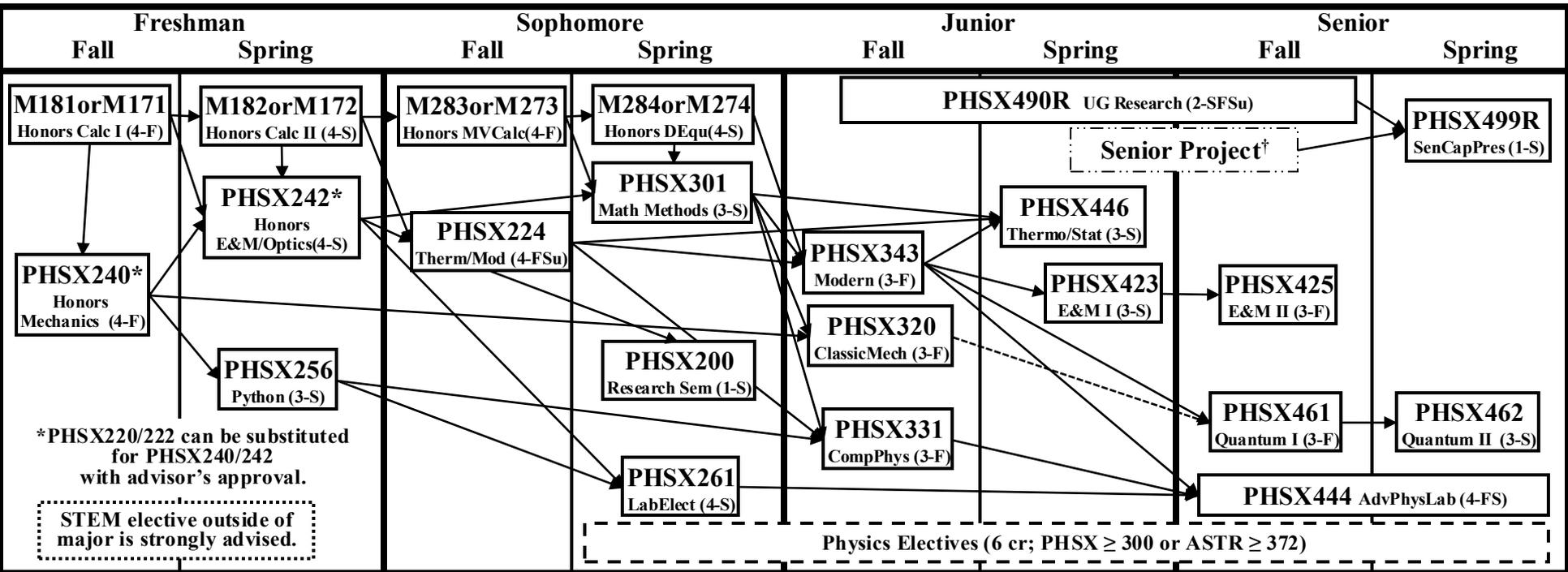


Physics: Professional Option (2026-2027)



Suggested Physics and Math Electives: Verify in current catalog

Math Electives
(suggested courses below, 3 credits each)

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)

Fall & Spring

M221 (IntroLinAlg)
STAT332 (StatScEng)

Fall Physics Electives

ASTR372
Galactic Astro (3-F-even)
ASTR475
Observ Astro (4-F-odd)
PHSX 262
Lab Elect II (2-F)
PHSX305RN
Holography (3-F)
PHSX441
Solid State (3-S-odd)

Spring

ASTR373
Ex-Gal Astro (3-S-even)
PHSX427
Adv Optics (3-S-even)
PHSX437
Laser Appl (3-S-odd)
PHSX451
Elem Particles (3-S-odd)
ASTR476
Astrophysics (3-S-odd)

Fall & Spring

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

Note: Physics-elective credits for PHSX49X are capped. See catalog.

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.