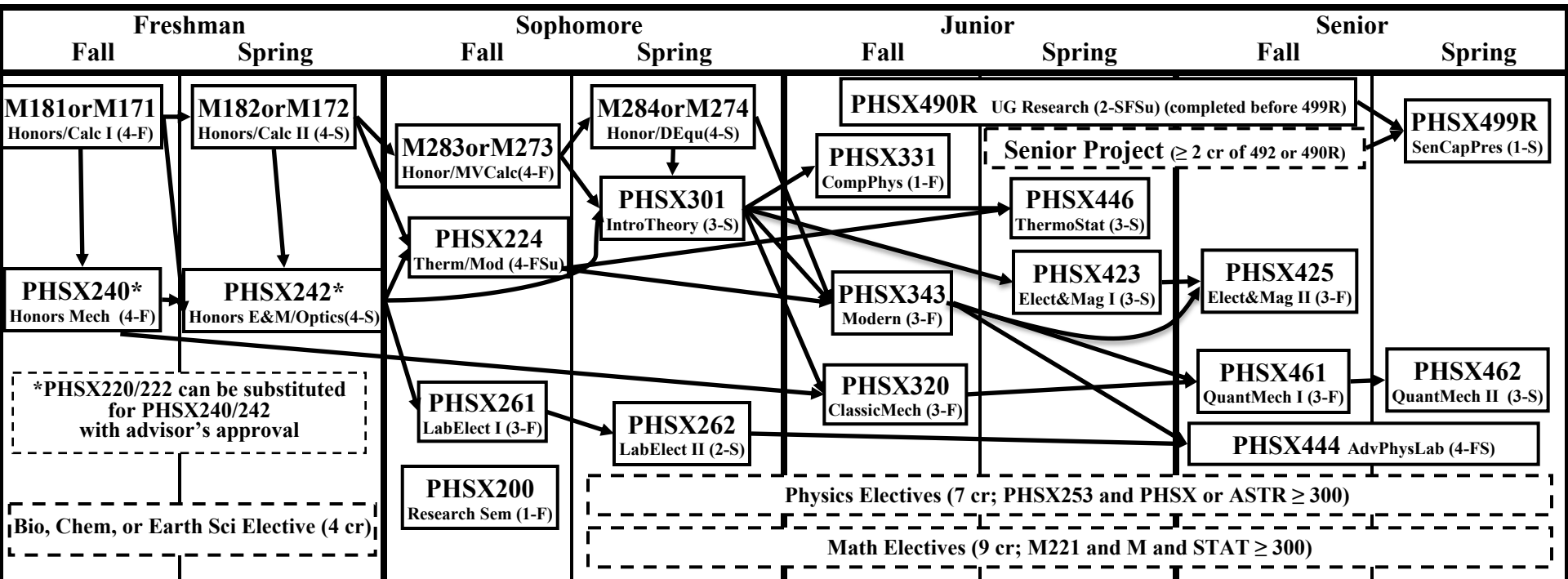


Physics Professional Option (2020-2021)



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)

Fall

PHSX253
Photography (2-F)
ASTR371
SolarAstro (4-F)
PHSX441
SolidState (3-F-odd)

Fall & Spring

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

Spring

ASTR373
StarsGalUniv (4-S-odd)
PHSX305RN
Holography (3-S)
PHSX427
AdvOptics (3-S-even)
PHSX437
LaserAppl (3-S-odd)
PHSX435
AstroPhysics (3-S-even)
PHSX442
NovelMaterials (on demand)
PHSX451
ElemPart (3-S-odd)

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 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.