DEPARTMENT OF PHYSICS AND ASTRONOMY

Revise recommended background:

PHYS 161 – Elements of Physics for Architects and Interior Design Students
3 Credit Hours
Recommended Background: High school intermediate algebra, geometry, and trigonometry.
(Formerly: High school intermediate algebra and geometry.)

Revise Prerequisite(s) and add recommended background:

PHYS 411 – Introduction to Quantum Mechanics
3 Credit Hours
(RE) Prerequisite(s): 250.
Recommended Background: A course (200-level or higher) in advanced calculus.
(Formerly: 250 and Mathematics 435.)

Revise Physics Major, BS – Astronomy Concentration Requirements course list:

Astronomy Concentration (14 hours)
Students planning graduate work in astronomy should take the following courses.
Complete:
ASTR 217 - Honors: Introductory Astronomy *
ASTR 218 - Honors: Introductory Astronomy *
ASTR 411 - Stellar Structure and Stellar Evolution
ASTR 421 - General Relativity, Black Holes, and Cosmology

Formerly:
Astronomy Concentration (12 hours)
Students planning graduate work in astronomy should take the following courses.
Complete:
ASTR 217 - Honors: Introductory Astronomy *
ASTR 218 - Honors: Introductory Astronomy *
ASTR 411 - Stellar Structure and Stellar Evolution
ASTR 490 - Special Topics in Astronomy

Physics Major, BS – General Concentration, Major Requirements, General Concentration (12 hours), revise to:

General Concentration (12 hours)
Select 12 hours:
300-400 level physics or 200-400 level astronomy courses
Or
Coordinated coursework at the 300 or 400 level in an area of the student’s special interest to be chosen by the student in consultation with a departmental advisor.

Formerly:
Select 12 hours:
300-400 level physics or 200-400 level astronomy courses
Or
Coordinated coursework at the 300 or 400 level in an area of the student’s special interest to be chosen by the student in consultation with a departmental advisor.
Or
Any minor or second major.

Physics Major, BS – Academic Concentration (uTrack Requirements):

Term 5
Delete: Communicating Orally Elective (3)
Add Global Challenges (3)

Term 8
Delete Global Challenges (3)
Add PHYS 451 (3)

Physics Major, BS – Astronomy Concentration (uTrack Requirements):

Term 5
Delete PHYS 361 (3)
Add ASTR 411 (3)

Term 6
Delete PHYS 421 (3)
Add ASTR 421 (3)

Term 7
Delete ASTR 490 (3)
Add PHYS 361 (3)

Term 8
Delete ASTR 411 (3)
Add PHYS 421 (4)
Add PHYS 451 (3)

Physics Major, BS – General Concentration (uTrack Requirements):

Term 5
Delete Communicating Orally Elective (3)
Add PHYS (major) (3)

Term 8
Delete Physics (major) (3)
Add PHYS 451 (3)