



Name (please print): _____
(Last) (First) (Middle)

Student Number: _____ Primary Major & Estimated Completion Term _____

Required Courses (6-8 credits)

- _____ PH2100 University Physics I - Mechanics (3) **OR**
- _____ PH1160 Honors Physics I – Mechanics (4)
- _____ PH2200 University Physics II – Electricity & Magnetism (3) **OR**
- _____ PH2260 Honors Physics III (4)

Upper-Level Elective Courses (9 credits)

Select at least one of the following three upper-level courses:

- _____ PH3110 Theoretical Mechanics I (3)
- _____ PH3410 Quantum Physics I (3)
- _____ PH4210 Electricity and Magnetism I (3)

Credits Required = 18
Total Credits _____

Select additional courses from the following list to bring the total credits in this Upper-Level Elective section to 9:

- | | |
|---|---|
| _____ PH3111 Theoretical Mechanics II (3) | _____ PH4292 Light and Photonic Materials (3) |
| _____ PH3210 Optics (3) | _____ PH4390 Computational Methods in Phys. (3) |
| _____ PH3300 Thermodynamics & Stat. Mech (3) | _____ PH4395 Computer Simulation in Phys. (3) |
| _____ PH3320 Methods of Theoretical Phys. (3) | _____ PH4510 Intro. to Solid State Physics (2) |
| _____ PH3411 Quantum Mechanics II (3) | _____ PH4610 Stellar Astrophysics (3) |
| _____ PH3480 Advanced Physics Laboratory (2) | _____ PH4620 Galactic Astrophysics (3) |
| _____ PH4080 Senior Research I (3) | _____ PH4630 Particle Astrophysics (3) |
| _____ PH4211 Electricity and Magnetism II (3) | _____ PH4640 Fund. Atmospheric Science (3) |

Additional Elective Courses

Additional physics (PH) courses at the 1000-level or higher may be selected to bring total credits to a minimum of 18:

PH _____

PH _____

PH _____

****This minor is not open to Applied Physics majors.***

Prerequisites are listed on page 2

Prerequisites

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C:
 PH4640 ((PH2200 or PH2260) and (PH1360 or PH2300) and MA3160 and (MA3520 or MA3521 or MA3530 or MA3560)), PH4630 (PH2400 and (MA3520 or MA3521 or MA3530 or MA3560)), PH4620 (PH1600 and PH2400 and (MA3520 or MA3521 or MA3530 or MA3560)), PH4610 (PH1600 and PH2400 and (MA3520 or MA3521 or MA3530 or MA3560)), PH4510 ((PH2300 or PH1360) and PH2400 and (CH1150 and CH1151) and (MA3520 or MA3521 or MA3530 or MA3560)), PH4395 (PH3300 and PH4390 and (PH2400 or PH3410)), PH4390 (PH2020 and PH3410), PH4211 (PH4210), PH4210 ((PH2200 or PH2260) and PH3110 and (MA3520 or MA3521 or MA3530 or MA3560)), PH4081 (PH4080 and PH4011 C), PH4080 (PH3480 and PH4010 C), PH3480 (PH2230 and PH3210), PH3411 (PH3410), PH3410 (PH2400 and (MA3520 or MA3521 or MA3530 or MA3560)), PH3320 (MA3160 and (MA3520 or MA3521 or MA3530 or MA3560) and (PH2200 or PH2260)), PH3300 (PH2300 or PH1360), PH3210 (PH 2400 and (MA3520 or MA3521 or MA3530(C) or MA3560)), PH3111 (PH3110), PH3110 ((PH2200 or PH2260) and (MA3520 or MA3521 or MA3530 or MA3560)), PH2260 ((PH1160 or PH2100) and (PH1200(C) or PH2261(C)) and MA2160), PH2200 ((PH1200 C or PH2261) C and (PH2100 or PH1160) and (MA2150 or MA2160)), PH2100 (PH1100(C) and (MA1160 or MA1161 or MA1135 or MA2160(C))), PH1160 ((MA1160(C) or MA1161(C)) and PH1161 C)

Student_____
Date_____
Department Advisor_____
Date