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Physics

PHYS 1600/160
PHYS 2110/211
PHYS 2220/222
PHYS 2330/233
PHYS 2700/270
PHYS 2710/271
PHYS 3110/311
PHYS 3150/315

48 credit hours

PHYS 3210/321
PHYS 3250/325
PHYS 3450/345
PHYS 4120/312
PHYS 4160/316
PHYS 4260/326
PHYS 4850/385
PHYS 4500/350 or PHYS 4900/390 (at least 2 credit hours).

Mathematics and Computer Science

MATH 1410/261
MATH 1420/262
MATH 2430/263

22 credit hours

MATH 2550/271
either MATH 2200/201 or MATH 4450/356
CPTR 1100/141

Biol., Chem., and Phy. Science

CHEM 1550/155
CHEM 1560/156

14 credit hours

either PH S 1140/114 or PH S 1150/115
any introductory 3 credit biology course

Elective Courses

Courses to be selected with approval of a physics academic advisor.

6 credit hours

General Education Requirements

Composition: 6 hours

Math: 3 hours

Foreign Language: 6 hours

Humanities: 9 semester hours from at least two disciplines from the following list: art; English literature; foreign languages and literatures (foreign literature and culture classes taught in English); music; philosophy; and Communication, Media Arts, and Theatre.

Social Science: 9 semester hours from at least two disciplines from the following list: African American studies, anthropology, criminal justice 2245/245, economics, geography, history, political science, psychology, and sociology.

Natural Sciences/Mathematics: 9 semester hours from biological sciences; computer science; mathematics; and physical sciences, of which three hours must be from the life sciences and three from the physical sciences, of which one must include a laboratory.

** must include 3 credits of Critical Thinking, 3 credits of Diversity, 3 credits of Fine Arts, and 3 credits of Interdisciplinary.

Sample Schedule

Year 1 Fall

PHYS 2110
MATH 1410
PH SCI 1140/1150
HUM (Fine Arts)

Year 1 Spring

PHYS 2220
MATH 1420
ENGL 127
PHYS 1600
Foreign Language 1

Year 2 Fall

PHYS 2330
MATH 2430
ENGL 128
Foreign Language 2
HUM

Year 2 Spring

PHYS 3450
MATH 2550
PHYS 3210
CPTR 1100
SS (Critical Thinking)

Year 3 Fall

PHYS 3110
PHYS 2700
BIOL XXXX
CHEM 1550
HUM

Year 3 Spring

PHYS 3150
PHYS 4120
PHYS 2710
CHEM 1560

Year 4 Fall

PHYS 3250
PHYS 4160
PHYS 4500 or 4900 (2 credits)
Elective I
SS (Diversity)

Year 4 Spring

PHYS 4260
PHYS 4850
Elective II
SS (Interdisciplinary)
MATH 2200 or 4450