

Physics, B.A.

303-556-2454 North Classroom 3123

Catalog 11-12

This sheet applies to the 2011-2012 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	34	
Major courses	31	
Required ancillary courses	8	
Minor courses	18 min	
Electives	29	
Total to graduate (min. 40 hrs upper division)	120 min	

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

GENERAL STUDIES LEVEL I *Complete during your first 30 credit hours at Metro*

Composition

- ___ ENG 1010-3 Freshman Comp: the Essay
- ___ ENG 1020-3 Freshman Comp: Anal., Rsrch & Docum.

Mathematics

- ___ MTH 1110-4 College Algebra-or higher level math

Communications

- ___ -3

GENERAL STUDIES LEVEL II

Historical

- ___ -3

Arts & Letters

- ___ -3
- ___ -3

Social Sciences

- ___ -3
- ___ -3

Natural Sciences

- ___ - 3
- ___ - 3

Multicultural Requirement

(may be satisfied within General Studies, major, minor or electives)

- ___ -3

MAJOR COURSES - Consult a Physics faculty advisor

- ___ *PHY 2311-4 General Physics I
- ___ *PHY 2321-1 General Physics I Lab
- ___ *PHY 2331-4 General Physics II
- ___ *PHY 2341-1 General Physics II Lab
- ___ PHY 2711-3 Vibration and Waves
- ___ PHY 2811-4 Modern Physics I
- ___ PHY 3011-3 Modern Physics II
- ___ PHY 3711-2 Physics Lab I
- ___ PHY 4921-1 Physics Senior Seminar (Senior Experience)

*A one-year sequence of PHY 2010- PHY 2020 -PHY 2030 -PHY 2040 may be substituted for the PHY 2311-PHY 2331-PHY 2321-PHY 2341 requirements with the consent of the Physics Department

PHYSICS ELECTIVES

A minimum of 8 additional credit hours of upper-division physics, 2 credit hours of which must be from either PHY 4611 or PHY 4711.

Required Ancillary Courses *see prerequisites in catalog.mscd.edu*

- ___ MTH 1410-4 Calculus I
- ___ MTH 2410-4 Calculus II

MINOR (Required)

ELECTIVES