Morris Campus

Physics Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2017
- Required credits in this minor: 33

Objectives--The physics program is designed to help students understand the concepts of classical and modern physics while also developing their ability to solve quantitative problems in these areas. It provides the opportunity for students to acquire the skills necessary to perform experimental work, and develops students' ability to communicate, in form and content, both orally and in writing, the results of scientific work.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S-N. The GPA in these courses must be at least 2.00. Courses with a grade lower than C- may not be used to meet the minor requirements.

Minor Requirements

PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
PHYS 1102 - General Physics II [SCI-L] (5.0 cr)
PHYS 2101 - Modern Physics [SCI-L] (4.0 cr)
MATH 1101 - Calculus I [M/SR] (5.0 cr)
MATH 1102 - Calculus II [M/SR] (5.0 cr)
MATH 2101 - Calculus III [M/SR] (4.0 cr)

Elective Courses

PHYS 3004 - Atmospheric Physics [ENVT] (4.0 cr)
or PHYS 3101 - Classical Mechanics [SCI] (4.0 cr)
or PHYS 3151 - Solid State Physics (2.0 cr)
or PHYS 3152 *{Inactive}*(2.0 cr)
or PHYS 3153 *{Inactive}*(2.0 cr)
or PHYS 3301 - Optics (4.0 cr)
or PHYS 3401 - Experimental Physics [SCI-L] (4.0 cr)
or PHYS 3501 - Statistical Physics [SCI] (4.0 cr)
or PHYS 3993 - Directed Study (1.0 - 5.0 cr)
or PHYS 4101 - Electromagnetism (4.0 cr)
or PHYS 4201 - Quantum Mechanics (4.0 cr)
or PHYS 4993 - Directed Study (1.0 - 5.0 cr)

© 2005 by the Regents of the University of Minnesota
The University of Minnesota is an equal opportunity educator and employer.