## Physics and Mathematics

## Mathematics and Physics

This program is intended for students who desire additional mathematical background and preparation for graduate school or technical careers in the sciences, especially theoretical physics.

## Major Requirements

## Major: Mathematics \& Physics

Degree Type: B.A. or B.S.
Required Degree Credits to Graduate: 132
General Education Requirements
Code Title Credits
First Year Experience (F):
UNIV $189 \quad$ Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189.) 1

Communication (C):
ENGL $110 \quad$ College Composition I 3
ENGL $120 \quad$ College Composition II 3
One Course in Upper Level Writing: Select from current general education list 3
COMM $110 \quad$ Fundamentals of Public Speaking 3
Quantitative Reasoning (R):
MATH $165 \quad$ Calculus I
Science \& Technology (S):
PHYS $251 \quad$ University Physics I

| \& 251L | and University Physics I Laboratory |
| :--- | :--- |
| PHYS 252 | University Physics II |

\& 252L and University Physics II Laboratory
Humanities \& Fine Arts (A): Select from current general education list 6
Social \& Behavioral Sciences (B): Select from current general education list 6
Wellness (W): Select from current general education list 2
Cultural Diversity (D): Select from current general education list
Global Perspectives (G): Select from current general education list

## Total Credits

## College Requirements

Bachelor of Science (BS) Degree - An additional 6 credits in Humanities or Social Sciences*
Bachelor of Arts (BA) Degree - An additional 12 credits Humanities and Social Sciences and proficiency at the second year level in a modern foreign language.

* Humanities and Social Sciences may be fulfilled by any course having the following prefix: ADHM, ANTH, ARCH, ART, CJ, CLAS, COMM, ECON, ENGL, FREN, GEOG, GERM, HDFS, HIST, LA, LANG, MUSC, PHIL, POLS, PSYC, RELS, SOC, SPAN, THEA, WGS, or any course from the approved list of general education courses in humanities and social sciences (general education categories A and B). These credits must come from outside the department of the student's major.


## Major Requirements

A grade of ' C ' or better is required for all MATH, PHYS, and AST prefix courses.

| Code | Title | Credits |
| :--- | ---: | ---: |
| General Education Requirements |  | 40 |
| College of Science and Mathematics Requirements |  | $6-12$ |
| Mathematics Major Requirements |  | 4 |
| MATH 166 | Calculus II | 4 |
| MATH 265 | Calculus III | 4 |



## Total Credits

## Program Notes

- Except for courses offered only as pass/fail grading, no course may be taken Pass/Fail.

