
Physics Major

30 credit hours required.

Required Courses:		Credits
PHYS 103	University Physics I	4
PHYS 204	University Physics II	4
PHYS 305	University Physics III	4
PHYS 306	Modern Physics	4

Upper Division Elective Courses:

14 credit hours, eleven of the 14 credit hours must be chosen from courses numbered 350 or higher

Cognate Requirements:

16 credit hours.

CHEM 105	General Chemistry I	4
CHEM 106	General Chemistry II	4
MATH 151	Calculus I	4
MATH 152	Calculus II	4

Recommended Coursework Outside the Major:

In developing one's own personal interests and professional opportunities, students majoring in physics might consider augmenting their major coursework with selections from the following areas: computer science, economics, mathematics or any of the other physical or biological sciences. Physics majors who are interested in secondary education should consult the School of Education and Professional Studies undergraduate physics study in order to lay the proper groundwork for the requisite graduate degree.

Special Note:

PHYS 370 Mathematical Physics serves as preparation for the upper division theory courses. This course includes subject matter from linear algebra, multivariate calculus, and differential equations. Appropriate courses in mathematics can serve as equivalent preparation.

Students must earn a minimum grade of 2.0 in all physics courses used to satisfy physics major requirements.