

# B.A. Physics

In addition to degree requirements listed below, students must satisfy 8 of the 9 General Education Objectives (a minimum of 36 credits--see the General Education Requirements (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/>) in the Academic Information section of this catalog). Of the courses below, MATH 1170 (<http://coursecat.isu.edu/search/?P=MATH%201170>) will satisfy General Education Objective 3, while together, any of the lower-division PHYS choices below will partially satisfy General Education Objective 5.

## General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		6
Objective 2		3
Objective 3- MATH 1170		3
Objective 4		6
Objective 5		7
Objective 6		6
<b>Students must fulfill Objective 7 or Objective 8</b>		<b>3</b>
Objective 7		
Objective 8		
Objective 9		3
Total Credits		37

## Major Requirements

Code	Title	Credits
MATH 1170	Calculus I	4
MATH 1175	Calculus II	4
MATH 2275	Calculus III	4
MATH 3360	Differential Equations	3
<b>At least 24 credits of Physics, including:</b>		<b>24</b>
PHYS 2211 & PHYS 2212 or PHYS 1111 & PHYS 1112	Engineering Physics I and Engineering Physics II General Physics I and General Physics II	
PHYS 2213 & PHYS 2214 or PHYS 1113 & PHYS 1114	Engineering Physics I Laboratory and Engineering Physics II Laboratory General Physics I Laboratory and General Physics II Laboratory	
PHYS 3301	Modern Physics	
11-13 credits of electives (depending upon the introductory sequence) with at least 6 credits of 4000-level courses (PHYS 4492 cannot be counted toward the latter requirement).		
Total Credits		39

## Degree Totals

Code	Title	Credits
	Program Admission Requirements	0
	General Education	37
	Major Requirements (Required General Education credits removed)	27-29

Upper Division Free Electives	24
Free Electives	30-32
<b>Total Credits</b>	<b>120</b>

ISU Degree Requirements (<http://coursecat.isu.edu/undergraduate/degreerequirements/>)

ISU General Education (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/>)

Major Academic Plan (MAP) (<https://www.isu.edu/advising/maps/>)