

**General Education Requirements and Degree Information: BACHELOR OF ARTS IN PHYSICS**

**ID:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Major: Physics** \_\_\_\_\_  
 \_\_\_\_\_

**Update:** \_\_\_\_\_  
**Advisor:** \_\_\_\_\_  
**Catalog: 2016-2017** \_\_\_\_\_  
**Anticipated Degree Completion:** \_\_\_\_\_

Course	Grade	Credit
<b>FY/Adv. Entry Seminar:</b>		
05-014/214		

Course	Grade	Credit
<b>Natural Sciences:</b>		
PHY53-154 Fundamentals of Physics I	MAJOR	
MAT52-154 Calculus I	MAJOR	

Foreign Language (4 sem.)	Grade	Credit
I.		
II.		
III.		
IV.		

<b>Social Sciences: 2 courses, must be diff. depts:</b>	Grade	Credit

<b>Social Justice Course:</b>	Grade	Credit

<b>Fine Arts Lecture:</b>	Grade	Credit

<b>Intercultural Perspective Course:</b>	Grade	Credit

<b>Fine Arts Performance:</b>	Grade	Credit

<b>2 different FRAs:</b>	Grade	Credit

<b>Paideia:</b>	Grade	Credit
<b>Cluster:</b>		
Course 1:		
Course 2:		
Course 3:		
Seminar:		
Distinction:		

<b>Humanities: 2 courses, may be same dept.:</b>	Grade	Credit

A "C" average on all work attempted is required for graduation. No grade below "C-" may be counted toward the major or minor. At least 127 credits are required to earn a degree at Southwestern; of these, 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. A major requires at least 30 credits, more than 50% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance.

**PHYSICS MAJOR (BA)**

<b>Major Courses:</b>	<b>Grade</b>	<b>Credit</b>
PHY53-154 Fundamentals of Physics I		
PHY53-164 Fundamentals of Physics II		
PHY53-214 Modern Physics		
PHY53-334 Classical Mechanics I		
PHY53-324 Electromagnetism I		
PHY53-424 Quantum Physics or CHE51-724 Physical Chemistry		
PHY53-872 Capstone Course		

<b>Electives:</b>	<b>Grade</b>	<b>Credit</b>

**2 courses from:**

PHY53-404 Electronics		
PHY53-413 Classical Mechanics II		
PHY53-433 Electromagnetism II		
PHY53-434 Statics		
PHY53-443 Thermodynamics		
PHY53-453 Math Methods in Physical Science		

**Required Supporting Courses:**

MAT52-154 Calculus I		
MAT52-254 Calculus II		
MAT52-354 Calculus III		
MAT52-754 Differential Equations I		


**Total credits w/gen ed:** \_\_\_\_\_

***\*\*Minimum of 127 credits required.***