

# Academic Planner: Physics (BS, Option 1) 2011-2012

1 <sup>st</sup> SEMESTER	YEAR
MAT 270 Calculus I	

2 <sup>nd</sup> SEMESTER	YEAR
MAT 271 Calculus II	
PHY 150 or PHY 121/122 Physics I	

3 <sup>rd</sup> SEMESTER	YEAR
MAT 272 Calculus III	
PHY 151 or PHY 131/132 Physics II	

4 <sup>th</sup> SEMESTER	YEAR
PHY 252 Physics III	
PHY 201 Math Methods in Physics I (spring only course)	
PHY 333 Electronic Circuits & Measurements (optional)	

5 <sup>th</sup> SEMESTER	YEAR
PHY 302 Math Methods in Physics II (fall only course)	
PHY 310 Classical Particles, Fields, and Matter I (fall only course)	
PHY 314 Quantum Physics I (fall only course)	

6 <sup>th</sup> SEMESTER	YEAR
PHY 311 Classical Particles, Fields, and Matter II (spring only course)	
PHY 315 Quantum Physics II (spring only course)	
PHY 334 Advanced Lab I (required)	

7 <sup>th</sup> SEMESTER	YEAR
PHY 441 Statistical and Thermal Physics (fall only course)	
PHY 412 Classical Particles, Fields, & Matter III OR PHY 416 Quantum Physics III (fall only courses)	

8 <sup>th</sup> SEMESTER	YEAR
PHY Upper Division Breadth Course <b>*Must be 300 level or above. Consult with your physics advisor.</b>	
PHY 465 Advanced Lab II (optional)	

<b>COLLEGE OF LIBERAL ARTS &amp; SCIENCES</b>	
<b>GENERAL EDUCATION REQUIREMENTS</b>	
<b>First Year Composition</b>	
	ENG 101 (107)
	ENG 102 or 105 (108)
<b>Literacy (L)</b>	
	Upper Division - <i>PHY 334 (met by physics major)</i>
<b>Mathematical Studies</b>	
	(MA) <i>MAT 270 (met by physics major)</i>
	(CS) <i>PHY 201 (met by physics major)</i>
<b>Upper Division HU or SB</b>	
<b>Humanities/Fine Arts (HU)</b>	
<b>Social and Behavioral Sciences (SB)</b>	
<b>Sciences (SQ)</b>	
	<i>PHY 150 (met by physics major)</i>
	<i>PHY 151 (met by physics major)</i>
<b>Awareness Areas (may overlap with HU, SB, or L requirements)</b>	
	Cultural Diversity (C)
	Global Awareness (G)
	Historical Awareness (H)
<b>College of Liberal Arts and Sciences (BS) Science and Society Requirement</b>	
For details and course list, visit <a href="http://clas.asu.edu/scienceandsociety">http://clas.asu.edu/scienceandsociety</a> Learning Goals: 1__ 2__ 3__	
	(Upper Division required)
<b>First Year Seminar</b>	

☐ 120 total credit hours

☐ 45 upper division (300 or 400 level) credit hours