

## Four Year Curriculum Plan Template, Catalog Term: Fall 2011

## Major: SP10 - BS, Physics

Select Catalog term to view: Fall 2011

Year One			
Fall Semester		Spring Semester	
PHY202 General Physics Lab	1 hours	PHY204 General Physics Lab	1 hours
PHY211 Principles of Physics	4 hours	PHY213 Principles of Physics	4 hours
Composition: ENG101 English Composition I (or equivalent) - or ENG200H in Fall 2	3 hours	CT Designated Course:	6 hours
FYS 100: FYS100 First Year Seminar	3 hours	MTH230 \$	4 hours
Mathematics: MTH 229* \$	5 hours		
<b>Recommended Hours:</b>	<b>16 hours</b>	<b>Recommended Hours:</b>	<b>15 hours</b>
Year Two			
Fall Semester		Spring Semester	
PHY320 Intro Modern Physics	3 hours	Communication: CMM103 Fund Speech-Communication - or equivalent	3 hours
PHY421 Modern Physics Lab	2 hours	MTH335 \$	4 hours
Composition: ENG201 Advanced Composition - or ENG200H	3 hours	PHY330**	3 hours
MTH231 \$	4 hours	PHY445**	3 hours
PHY300**	3 hours	PHY302**	3 hours
<b>Recommended Hours:</b>	<b>15 hours</b>	<b>Recommended Hours:</b>	<b>16 hours</b>
Year Three			
Fall Semester		Spring Semester	
Social Science:	3 hours	Writing Intensive:	3 hours
300 - 499 level PHY Elective with Advanced Lab***	5 hours	MultiCult or Int:	3 hours
Physical or Natural Science Elective [COS requires 8 additional hours (12 hours total for graduation)]	4 hours	PHY308**	3 hours
PHY 442**	3 hours	Physical or Natural Science Elective [COS requires 8 additional hours (12 hours total for graduation)]	4 hours
		PHY443**	3 hours
<b>Recommended Hours:</b>	<b>15 hours</b>	<b>Recommended Hours:</b>	<b>16 hours</b>
Year Four			
Fall Semester		Spring Semester	
Writing Intensive:	3 hours	Humanities:	3 hours
Phys or Nat Science: College of Science requires 8 additional hours (12 hours total for graduation)	3 hours	Phys or Nat Science: College of Science requires 8 additional hours (12 hours total for graduation)	3 hours
Capstone: PHY 491, 1 to 2 credit hours	2 hours	Fine Arts: ART112, MUS142, or THE112	3 hours
Literature Elective	3 hours	Capstone: PHY 492, 1 to 2 credit hours	2 hours
300 - 499 level PHY Elective***	3 hours	Elective (Can be used toward 2nd major, minor, or certificate)	2 hours
<b>Recommended Hours:</b>	<b>14 hours</b>	<b>Recommended Hours:</b>	<b>13 hours</b>
<b>Other Requirements:</b>			
Minimum Number of Hours to Graduate:	120		
Minimum GPA to Graduate:	2.0 (minimum of 40 upper level credit hours)		
Other:			
*If the MTH ACT score is less than 20, students take MTH 098 <b>or</b> MTH 099 <b>then</b> MTH 127 <b>then</b> 122 <b>then</b> 140 based on placement; if the MTH ACT score is 20, students take MTH 127 <b>then</b> MTH 122 <b>then</b> MTH 140; if the MTH ACT score is 21 to 23, students take MTH 130 <b>then</b> MTH 122 <b>then</b> MTH 140; if the MTH ACT score is 24 to 26, students take MTH 140 <b>then</b> MTH 122; if the MTH ACT score is 27 or greater, students may take MTH 140 <b>and</b> MTH 122 <b>or</b> MTH 229.			
**Offered Alternative Years.			
***Eight (8) hours of upper level PHY electives with Advanced Lab may be chosen from PHY 304 and 405; 314 and 415; or 462 and 463.			
\$Students completing MTH 229, 230, 231 <b>and</b> 300 can receive a minor in Mathematics.			
<b>NOTES:</b>			
1. A minimum of <b>120</b> hours with <b>40</b> credit hours at the 300 - 499 level is required for graduation.			
2. CORE II requires 4 hours of Physical or Natural Sciences. The College of Science requires 8 additional hours in Physical or Natural Science (12 hours total for graduation).			
3. Students are required to complete a minor degree program outside the Department of Physics. Consult catalog for discipline specific requirements. Note that students double majoring are not required to have a minor.			
4. Coursework listed as Elective may vary for each student. Students are strongly encouraged to use elective hours toward a 2nd major, minor or certificate program. Depending on the path chosen, students may not have electives because programs vary in length and minors range from 12 to			

18 hours. Students should see advisors in S213/214 to select a path leading to completion of the program selected. These selections must be approved.

5. Students are strongly encouraged to select courses that meet two or more Core or College requirements. For example, a writing intensive literature course could satisfy the College of Science literature requirement as well as the Core II writing intensive requirement or an international or multicultural social science course could satisfy both the international or multicultural Core II requirement as well as the social science Core II requirement. See course attributes each semester for courses that meet two or more Core or College requirements.
6. If students follow this graduation plan and do not withdraw or fail classes, or change majors, they can graduate in four academic years. It is not necessary to take the courses in the specific order shown, however if students deviate from the courses approved in the mandatory advising sessions each semester, students may not be able to graduate in four years in accordance with the graduation plan.
7. Course offerings are subject to change semesters. Please consult each semesters schedule of courses for availability.
8. See the [Pre-Professional website](#) for more information on course selections.