

Bachelor of Science

Major Requirements37 hrs

Core.....21 hrs

PHY 201,202,300,301,306 or 308,558. At the discretion of the Chair, PHY 131 may be substituted for PHY 201.

Options

Physics (General)16 hrs

PHY 520,559,570, six hours from any physics course numbered 300 and above, except PHY 506.

Engineering Physics.....16 hrs

PHY 221,315,375, six hours from CSC 300, EET 253, 257, 305, 350, 355, PHY 303, 306, 308, 502, 510, STA 270.

Supporting Course Requirements29 hrs

CHE 111, 112, CSC 174 (or any approved programming language course), and MAT 124*, 224, 225, 353, EET 252.

General Education Requirements34 hrs

Standard General Education program, excluding course categories 03, 04, 14, 15, 16 and 21.

University Requirement.....1 hr

ASO 100.

Free Electives27 hrs

Total Curriculum Requirements128 hrs

*A preparatory course (Math 109) in mathematics may be required before admission to MAT 124.

Suggested Curriculum Guide for Physics (B.S.)

Physics, General Option

(Numbers in parenthesis indicate General Education categories in Undergraduate Catalog.)

<u>Freshman Year First Semester</u>	<u>Sophomore Year First Semester</u>	<u>Junior Year First Semester</u>	<u>Senior Year First Semester</u>
MAT124*.....4	MAT225.....4	PHY3003	PHY375.....3
CHE111.....4	PHY201.....5	PHY306.....2	PHY520.....4
ASO100.....1	Gen. Ed. (18).....1	PHY558.....3	
ENG 101.....3	Gen. Ed. (05)3	Gen. Ed. (11).....3	Gen. Ed. (13)3
Gen. Ed. (17).....1	Gen. Ed. (10)3	Elective.....3	Electives6
Gen. Ed. (09).....3	Total16	CMS100.....3	Total16
Total16		Univ. Writing Exam	
		Total17	
<u>Second Semester</u>	<u>Second Semester</u>	<u>Second Semester</u>	<u>Second Semester</u>
MAT224..... 4	MAT 353.....3	PHY301.....3	PHY570..... 3
CHE112..... 4	PHY2025	PHY559.....3	PHY Elective (Upper Division)3
CSC174 or 190.....3	Gen. Ed. (08).....3	PHY Elective (Upper Division)..... 3	
ENG102..... 3	EET252..... 3	Elective3	Gen. Ed. (07)3
Gen. Ed. (19).....2	Gen. Ed. (06)3	Gen. Ed. (12).....3	Electives6
Total16	Total17	Total15	Total15