



**Suggested Curriculum Guide for Physics, B.S. General Concentration**

**UNIVERSITY GRADUATION REQUIREMENTS**

**Freshman (1<sup>st</sup> Semester) 17 hrs**

GSD 101	3
<sup>a</sup> CHE 111 ( <i>fulfills Gen. Ed. 4</i> )	3
CHE 111L	1
<sup>§</sup> <sup>a</sup> MAT 234 ( <i>fulfills Gen. Ed. 2</i> )	4
Gen. Ed. 1A ( <i>ENG 101</i> )	3
Gen. Ed. 4 ( <i>Nat. Sci.</i> ) ( <i>AST 335 recommended</i> )	3

**Sophomore (1<sup>st</sup> Semester) 15 hrs**

MAT 254	4
MAT 353	3
PHY 202	5
Gen. Ed. 1C ( <i>Oral Comm.</i> )	3

**Junior (1<sup>st</sup> Semester) 13 hrs**

PHY 302	4
PHY 310	3
<sup>†</sup> PHY Elective ( <i>upper division</i> )	3
Gen. Ed. 5A ( <i>History</i> )	3

**Senior (1<sup>st</sup> Semester) 15 hrs**

PHY 421	3
PHY 456	3
Gen. Ed. 6 ( <i>Diversity</i> )	3
Free Elective ( <i>upper division</i> )	3
Free Elective ( <i>upper division</i> )	3

**Freshman (2<sup>nd</sup> Semester) 16 hrs**

CHE 112	3
CHE 112L	1
MAT 244	4
PHY 201	5
Gen. Ed. 1B ( <i>ENG 102</i> )	3

**Sophomore (2<sup>nd</sup> Semester) 16 hrs**

CSC 174	3
PHY 211	4
Gen. Ed. 3A ( <i>Arts</i> )	3
Gen. Ed. 3B ( <i>Humanities</i> )	3
Gen. Ed. 5B ( <i>Soc. &amp; Behav. Sci.</i> )	3

**Junior (2<sup>nd</sup> Semester) 17 hrs**

PHY 406	4
PHY 460	4
Gen. Ed. 6 ( <i>Diversity</i> )	3
Free Elective ( <i>upper division</i> )	3
Free Elective	3

**Senior (2<sup>nd</sup> Semester) 14 hrs**

PHY 422	3
PHY 470	3
Free Elective	4
Free Elective	4

**UNIVERSITY GRADUATION REQUIREMENTS ..... 39 hours**

General Education .....	36 hours
Foundations in Learning (GSD 101; waived for transfers with 30+ hrs) .....	3 hours

**MAJOR REQUIREMENTS**

**Core Courses ..... 22 hours**

PHY 201, PHY 202, PHY 211, PHY 302, PHY 406

**Concentration Requirements ..... 22 hours**

PHY 310, PHY 421, PHY 422, PHY 456, PHY 460, PHY 470

<sup>†</sup> PLUS THREE (3) HOURS selected from any PHY course numbered 300 or above, except PHY 506.

**Supporting Course Requirements ..... 20 hours**

CHE 111, CHE 111L, CHE 112, CHE 112L, <sup>‡</sup> CSC 174, MAT 234<sup>§</sup>, MAT 244, MAT 254, MAT 353

**Free Electives ..... 17 hours**

**Total Curriculum Requirements ..... 120 hours**