



Suggested Curriculum Guide for BS Physics, Engineering Physics Concentration

Freshman (1st Semester) 17 hrs

GSD 101 3
⁶CHE 111 (*fulfills Gen. Ed. 4*) 3
 CHE 111L 1
⁹ MAT 234 (*fulfills Gen. Ed. 2*) 4
 Gen. Ed. 1A (*ENG 101*) 3
 Gen. Ed. 4 (*Nat. Sci.*) (*AST 335 recommended*) 3

Sophomore (1st Semester) 15 hrs

MAT 254 4
 MAT 353 3
 PHY 202 5
 Gen. Ed. 1C (*Oral Comm.*) 3

Junior (1st Semester) 16 hrs

PHY 302 3
 PHY 310 4
 PHY 375 3
 PHY 360 3
 Gen. Ed. 5A (*History*) 3

Senior (1st Semester) 15-16 hrs

† Restricted Elective 3-4
 Gen. Ed. 6 (*Diversity*) 3
 EET 252 3
 Free Elective (*upper division*) 3
 Free Elective (*upper division*) 3

Freshman (2nd Semester) 16 hrs

CHE 112 3
 CHE 112L 1
 MAT 244 4
 PHY 201 5
 Gen. Ed. 1B (*ENG 102*) 3

Sophomore (2nd Semester) 15-16 hrs

CSC 174 3
 PHY 211 4
 PHY 221 3
 Gen. Ed. 3B (*Humanities*) 3
 Free Elective 2-3

Junior (2nd Semester) 14 hrs

PHY 460 4
 PHY 315 4
 PHY 406 4
 PHY 380 3

Senior (2nd Semester) 13 hrs

Gen. Ed. 6 (*Diversity*) 3
 Gen. Ed. 3A (*Arts*) 3
 Gen. Ed. 5B (*Soc. & Behav. Sci.*) Free Elective (*upper division*) 4
 Free Elective (*upper division*) 3

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 21 hours

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

Concentration Requirements 23-24 hours

PHY 221, PHY 310, PHY 315, PHY 360, PHY 375, PHY 380, PHY 460

† PLUS THREE (3) HOURS selected from (restricted elective):

*CSC 185, *EET 253, *EET 257, *EET 351, PHY 303, PHY 402, PHY 410, PHY 411, PHY 412, STA 270

Supporting Course Requirements 23 hours

*CHE 111, *CHE 111L, *CHE 112, *CHE 112L, ‡ CSC 174, EET 252, MAT 234, MAT 244, MAT 254, MAT 353

Free Electives 10-12 hours

Total Curriculum Requirements 120 hours