



Suggested Curriculum Guide for B.S. in Biomedical Sciences, Pre-Optometry Concentration

^G Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.

Freshman (1st Semester) 17 hrs

GSD 101	3
BIO 111	4
^G CHE 111 (fulfills Gen. Ed. 4)	3
CHE 111L	1
^G PSY 200 (fulfills Gen. Ed. 5B)	3
Gen. Ed. 1A (ENG 101)	3

Freshman (2nd Semester) 15 hrs

BIO 112	4
CHE 112	3
CHE 112L	1
Gen. Ed. 1B (ENG 102)	3
Gen. Ed. 6 (Diversity)	3
Free Elective	1

Sophomore (1st Semester) 17 hrs

BIO 319	4
CHE 361	3
CHE 361L	1
MAT 234	4
^G PHY 131 <u>or</u> PHY 201 (fulfills Gen. Ed. 4)	5

Sophomore (2nd Semester) 13 hrs

BIO 320	4
BIO 332	1
PHY 132 <u>or</u> PHY 202	5
Gen Ed. 3B (Humanities)	3

Junior (1st Semester) 16-17 hrs

BIO 331	3
CHE 362	3
CHE 362L	3
PHI 383	1
^G STA 215 <u>or</u> STA 270 (fulfills Gen. Ed. 2)	3-4
† Restricted Elective	3

Junior (2nd Semester) 14 hrs

BIO 315	4
BIO 348	3
INF 104	3
Gen. Ed. 1C (CMS 100 <u>or</u> 210)	3
Free Elective	1

Senior (1st Semester) 12-16 hrs

‡ BIO/CHE Elective	3-4
CHE 430 <u>or</u> 431	3
Gen. Ed. 3A (Arts)	3
Gen Ed. 6 (Diversity)	3
♣ Free Elective	0-3

Senior (2nd Semester) 13-14 hrs

BIO 495	1
‡ BIO/CHE Elective	3-4
† Restricted Elective	3
Gen Ed. 5A (History)	3
Free Elective	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 28 hours

BIO 111, BIO 112, BIO 315, BIO 319, BIO 320, BIO 331, BIO 332, BIO 348, BIO 495

Concentration Requirements 22-24 hours

CHE 362, CHE 362L, *CHE 430 or *CHE 431, MAT 234, PHY 132 or PHY 202

‡ PLUS 6 (SIX) HOURS selected from the following (BIO/CHE elective):

BIO 527, BIO 528, BIO 531, BIO 535, BIO 546, BIO 547, BIO 549, BIO 598, §*CHE 430, §*CHE 431, *CHE 432

§ Cannot be used for credit in both concentration requirement and restricted electives categories above.

Supporting Course Requirements 23-24 hours

^G CHE 111, *CHE 111L, CHE 112, CHE 112L, *CHE 361, *CHE 361L, INF 104, PHI 383, ^G * PHY 131 or ^G * PHY 201, ^G STA 215 or ^G * STA 270

† PLUS 6 (SIX) HOURS selected from the following (restricted elective):

ANT 120, ECO 230, HON 312, *PSY 308, SOC 131

Free Electives 5-8 hours

Total Curriculum Requirements 120 hours