



Suggested Curriculum Guide for B.S. in Biomedical Sciences Biomedical Research Concentration

Freshman (1st Semester) 17-18 hrs

GSD 101	3
BIO 111	4
^G CHE 111 (fulfills Gen. Ed. 4)	3
CHE 111L	1
^G STA 270 or STA 215 (fulfills Gen. Ed. 2)	3-4
Gen. Ed. 1A (ENG 101)	3

Freshman (2nd Semester) 15 hrs

BIO 112	4
CHE 112	3
CHE 112L	1
MAT 234	4
Gen. Ed. 1B (ENG 102)	3

Sophomore (1st Semester) 16 hrs

BIO 319	4
CHE 361	3
CHE 361L	1
^G PHY 131 or PHY 201 (fulfills Gen. Ed. 4)	5
Gen. Ed. 6 (Diversity)	3

Sophomore (2nd Semester) 15 hrs

BIO 332	1
BIO 320	4
CHE 362	3
CHE 362L	1
INF 104	3
Gen. Ed. 1C (CMS 100 or 210)	3

Junior (1st Semester) 16 hrs

BIO 315	4
BIO 331	3
CHE 430 or 431	3
PHI 383	3
Gen. Ed. 5B (PSY 200 recommended)	3

Junior (2nd Semester) 14 hrs

BIO 348	4
CHE 432	1
† Restricted Elective	3-4
Gen. Ed 5A (History)	3
Free Elective	1
♣ Free Elective	0-1

Senior (1st Semester) 14-15 hrs

BIO 531	4
† Restricted Elective	3-4
Gen Ed. 3A (Arts)	3
Free Elective	3
♣ Free Elective	0-2

Senior (2nd Semester) 14 hrs

BIO 495	1
† Restricted Elective	3-4
Gen Ed. 3B (Humanities)	3
Gen Ed. 6 (Diversity)	3
Free Elective	3
♣ Free Elective	0-1

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

♣ Due to variable course hour choices for MAT requirement and concentration requirements, marked free electives may also be variable. Consult with your advisor to ensure you have a minimum of 120 total credit hours for graduation

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 25 hours

BIO 531, *CHE 362, *CHE 362L, §*CHE 430 or §*CHE 431, *CHE 432, *MAT 234

† PLUS NINE (9) HOURS selected from the following (restricted elective):

BIO 342, BIO 527, BIO 528, BIO 533, BIO 535, BIO 546, BIO 547, BIO 549, BIO 598, §* CHE 430, §* CHE 431

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

Supporting Course Requirements 17-18 hours

^GCHE 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

Free Electives 10-11 hours

Total Curriculum Requirements 120 hours