

BS: BIOCHEMISTRY DEGREE PLAN (BIOC)	
UNIVERSITY CORE	
Bible	
BIBL 101 Life and Teachings of Jesus	3
BIBL 102 Acts-Revelation	3
BIBL 211 Message of the Old Testament	3
BIBL 212 Christianity in Culture	3
Advanced Bible	3
English	
ENGL 111 Composition and Rhetoric	3
Literature	3
Speech	
COMS 111 Fundamentals of Communication	3
History 100-299	3
Science	
BIOL 112 General Biology I	3
CHEM 133 General Chemistry I	3
Mathematics	
≥MATH 124 Precalculus II	3
EXSC 100 + 3 activities	4
UNIV 100 University Seminar	1
TOTAL UNIVERSITY CORE	41
BS DEGREE CORE	
English	
ENGL 112 Composition and Literature	3
Social Sciences/Humanities	
Choose from: anthropology, economics (also AGRB 261), geography, history, philosophy, political science, psychology, sociology (maximum one course per area)	9
Fine Arts	
Choose one: ART 101, MUSM 230, THEA 220 or THEA 250	3
TOTAL BS CORE	15
MAJOR REQUIREMENTS	
Chemistry	
CHEM 131 General Chemistry I Lab	1
CHEM 132/134 General Chemistry II Lecture/Lab	4
CHEM 221/223 Organic Chemistry I Lecture/Lab	4
CHEM 322/324 Organic Chemistry II Lecture/Lab	4
CHEM 323 Chemistry and Biochemistry Seminar	1
CHEM 352 General Spectroscopy	2
CHEM 353 Analytical Separations	2
CHEM 453 Biochemistry I	3
CHEM 454 Biochemistry II	3
CHEM 463 Biochemistry Lab I	1
CHEM 464 Biochemistry Lab II	1
Biology	
BIOL 114 General Biology I Lab	1
BIOL 113/115 General Biology II Lecture/Lab	4
BIOL 312 Cell Biology	3
TOTAL	34
SUPPLEMENT FOR MAJOR (TRACKS)	
Standard Track (BCHE)	
CHEM 333 Physical Chemistry I	4
CHEM 334 Physical Chemistry II	4
CHEM 443 Inorganic Chemistry	3
MATH 185 Calculus I	3
MATH 186 Calculus II	3
PHYS 110/111 General Physics I Lecture/Lab	4
PHYS 112/113 General Physics II Lecture/Lab	4
TOTAL	25
ACS Track (BCHC)	
CHEM 333 Physical Chemistry I	4
CHEM 334 Physical Chemistry II	4
CHEM 443 Inorganic Chemistry	3
MATH 185 Calculus I	3
MATH 186 Calculus II	3
MATH 286 Calculus III	3
PHYS 120/121 Engineering Physics I Lecture/Lab	4
PHYS 122/123 Engineering Physics II Lecture/Lab	4
TOTAL	28
Health Sciences Track (BCHS)	
CHEM 413 Physical Chemistry/Life Sciences	3
BIOL 475 Molecular Genetics	3
Choose 9 hours from: BIOL 221/223, 222/224, 313, 330, 355, 357, 454, 480, 484, 491/493, 495, 498	9
Choose 3 hours from: MATH 131, 185 or BIOL 483	3
PHYS 120/121 Engineering Physics I Lecture/Lab	4
PHYS 122/123 Engineering Physics II Lecture/Lab	4
TOTAL	26
ELECTIVES	
Minimum	
Standard	13
ACS	10
Health Sciences	12
OTHER GRADUATION REQUIREMENTS	
Minimum GPA for graduation	2.00
Minimum advanced hours	33
Minimum total hours	128
<i>Courses numbered 0** do not count in minimum hours required for degree.</i>	