

UNIVERSITY CORE (min. 44 cr. required)			
Foundation Requirements (min. of 21-31)	cr #	3	
ENG 110 Composition (can test out)	0-3		
ENG 120 Critical Writing	4		
ENG 201 Writing in the Disciplines	3		
COM 200 Public Speaking	3		
CIS 101, CIS 103, CIT 110, CS 121, TS 3145	3-45		
PHY 111 Physics I	4		
MAT 131 Calculus I	4		
Second Language Proficiency (can test out)			
Two Language courses* selected from: ARA/ASL/CHI/FRE/ITA/JPN/POR/RUS/SPA			
*See second language placement policy			
	0-3		
	0-3		

MAJOR REQUIREMENTS (65 cr)	cr	3
Major Courses (53 cr.)		
CHE 111 General Chemistry I	4	
CHE 112 General Chemistry II	4	
CHE 223 Organic Chemistry I	5	
CHE 224 Organic Chemistry II	5	
CHB/PHS 232 Bioanalytical Chemistry & Instrumentation	4	
CHE 300 Introduction to Physical Chemistry	4	
CHE 326/BIO 327 Biochemistry	4	
BIO 251 Principles of Human Anatomy	4	
CHB 200 Fundamentals of Chemical Biology	3	
CHB 301 Bioinformatics	3	
BIO 335 Molecular and Cellular Biology	4	
BIO 334 General Physiology	4	
CHB 392/492 Seminar in Chemical Biology I/II	2	
CHB 480 Research in Chemical Biology	3	

Areas of Knowledge (AOK; min. of 17 cr.)		
See web class schedule for list of approved courses		
	cr #	3
Western Heritage - WH		
1 course (formerly AOK 2)		
World Cultures & Traditions - WC		
1 course (formerly AOK 3)		
Humanistic & Creative Expressions - HCE		
1 course (formerly AOK 4)		
1 course (formerly AOK 5)		
PHY 112 Physics II	4	
ONE additional course from WH, WCT, HCE, or		
In-Depth Sequence (12 cr.)		
BIO 101 Biology I	4	
BIO 102 Biology II	4	
BIO 231 Genetics	4	

Major Elective (3-4 cr.)		
Students select one course from the list below in consultation with an advisor.		
PHS 200 Fundamentals of Pharm Sci	3	
BIO 359 Immunology	4	
BIO 325 Neurobiology	3	
CHE 370 Membrane Transport & Ionic Channels	3	
BIO 346 Intro to Gen Pharmacology	3	
CHE 221 Analytical Methods and Techniques	4	
CHE 331 Instrumental Analysis	4	
BIO 264 Microbiology	4	
Required Math and Science Courses (8 cr.)		
BIO 101 Biology I (in-depth sequence)	0	
BIO 102 Biology II (in-depth sequence)	0	
BIO 231 Genetics (in-depth sequence)	0	
MAT 131 Calculus I (taken in Core)	0	
MAT 132 Calculus II	4	
MAT 141 Introductory Statistics for Life Sciences	4	
PHY 111 Physics I (taken in Core)	0	
PHY 112 Physics II (taken in Core)	0	

Required Learning Experiences:
 1 Learning Community = (2 linked courses) or INT Course

OPEN ELECTIVES (1-7 cr.)	cr	3
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