

BIOCHEMISTRY – B.S. – 2017-18

To the student: Please make sure you are using the correct check sheet based on your enrollment year. **YOU** are responsible for making sure you are on the correct check sheet and completing all program requirements accurately and on time.

Min Total Hours Required: 124
 Total Lib Arts Hrs Req'd: 60
 Min overall GPA for mjr accept & grad: 2.0
 Other: Min major GPA of 2.0
 Other: No grade less than C- in major

Residence Requirements:
 31 Hrs at RWC
 15 Hrs in Major at RWC
 Of last 31 Hrs, 24 at RWC

Name: _____

General Education Requirements		SHr	Grd
Pick two from the following*:			
ART 101	Intro to Visual Arts (or a Non-Liberal Arts studio art course)	2, 3	
MUS 104	Intro to Music (or a Non-Liberal Arts music ensemble for one year)	2	
FNA 102	Intro to Dance	2	
	Behavioral Science	3	
	Hist, Eco, Soc Sci Elect*	3	
BIB 101	Old Tstmnt Lit & Theol	3	
BIB 102	New Tstmnt Lit & Theol	3	
CMC 101	Principles of Speech	2	
CMP 101	Principles of Writing	3	Min C-
CMP 102	Writing & Research	3	
GED 100	First-Year Seminar*	2	
GED 401	Senior Seminar	2	
HST 102/103	Western Civ I or II	3	
LIT	Intro Lit or 200-Level Survey*	3	
N/A	Mathematics	N/A	N/A
PED 100	Fitness for Life	1	
PED	Physical Ed Skills♣	1	
PHL 202	Phil & Ethical Issues*	3	

Foreign Language		SHr	Grd
	Foreign Language♦	(3)	
	Foreign Language♦	(3)	
	Foreign Language♦	(3)	

Lab Science		SHr	Grd

Other Elective Credits to Reach 124 Hours		SHr	Grd
N/A	Lab Science	N/A	N/A

*Honors program students may elect to take FNA 110H, GED 100H, HUM 150H, HUM 151H, and LIT 210H instead.

♣No more than 2 hrs may be counted toward degree

♦Or proficiency as outlined in the College catalog

Major Requirements: 65 Hours		SHr	Grd
BIOLOGY (20 Hrs)			
Core: (12 Hrs)			
BIO 111	General Biology I	3	
BIO 111 L	General Biology I Lab	1	
BIO 112	General Biology II	3	
BIO 112 L	General Biology II Lab	1	
BIO 302	Genetics	3	
BIO 302 L	Genetics Lab	1	
Biology Electives – Choose 2 of the following (8 Hrs)			
BIO 301	Microbiology	3	
BIO 301 L	Microbiology Lab	1	
BIO 306	Immunology	3	
BIO 306 L	Immunology Lab	1	
BIO 401	Developmental Biology	3	
BIO 401 L	Developmental Biology Lab	1	
BIO 420	Cell Biology	3	
BIO 420 L	Cell Biology Lab	1	
Chemistry (20 Hrs)			
CHM 111	Principles of Chemistry I	3	
CHM 111 L	Principles of Chemistry I Lab	1	
CHM 112	Principles of Chemistry II	3	
CHM 112 L	Principles of Chemistry II Lab	1	
CHM 211	Organic Chemistry I	3	
CHM 211 L	Organic Chemistry I Lab	1	
CHM 212	Organic Chemistry II	3	
CHM 212 L	Organic Chemistry II Lab	1	
CHM 311	Physical Chemistry (no lab)	3	
CHM 460	Chemistry/Biochemistry Seminar	1	
Biochemistry (13 Hrs)			
BCH 231	Intro to Research & Sci Comm	2	
BCH 305	Introduction to Biochemistry	3	
BCH 305 L	Intro to Biochemistry Lab	2	
BCH 306	Molecular Biology	3	
BCH 330	Bioinformatics	2	
BCH 498	Undergraduate Research	1-3	
Support Courses (12 Hrs)			
MTH 281	Calculus I	4	
PHY 101& L or PHY 201& L	General Physics I & Lab or Physics for Engrs/Scientists I & Lab	3,1	
PHY 102& L or PHY 202 & L	General Physics II & Lab or Physics for Engrs/Scientists II & Lab	3,1	

Shading=Lib Arts