

BIOCHEMISTRY – B.S. – 2021-22

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: 120
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: _____

Shared Core		SHr	Grd
FYSE 1000	First Year Seminar	2	
COMP 1010	Prin Writing	3	Min C-
PHST 1300	Personal Wellness	1	
BIBL 1010	Encounter the OT	3	
BIBL 1020	Engaging the NT	3	
ECON 1050	Personal Financial Success	1	
HIST 1400	Western History Global Con	3	
SRSE 4100	Senior Seminar	2	

Choice Core		SHr	Grd
COMP 1020	Writing & Research	3	
PHIL 2202	Philosophical Ethics	3	
LITR 1010	Intro Literature	3	
COMM 1105	Fund of Oral Communication	3	
	Behavioral Science	3	
	Social Science	3	
N/A	Lab Science	N/A	N/A
N/A	Mathematics	N/A	N/A
	Fine Arts	4	

Foreign Language		SHr	Grd
	Foreign Language♦	3	
	Foreign Language♦	3	
	Foreign Language♦	3	

Honors program students will have substitutions for several Gen Ed courses

♦Or proficiency as outlined in the College catalog

Other Elective Credits to Reach 120 Hours		SHr	Grd

Major Requirements: 65 Hours		SHr	Grd
BIOLOGY (20 Hrs)			
Core: (12 Hrs)			
BIOL 1110	General Biology I	3	
BIOL 1110 L	General Biology I Lab	1	
BIOL 1120	General Biology II	3	
BIOL 1120 L	General Biology II Lab	1	
BIOL 3020	Genetics	3	
BIOL 3020 L	Genetics Lab	1	
Biology Electives – Choose 2 of the following (8 Hrs)			
BIOL 3010	Microbiology	3	
BIOL 3010 L	Microbiology Lab	1	
BIOL 3060	Immunology	3	
BIOL 3060 L	Immunology Lab	1	
BIOL 4010	Developmental Biology	3	
BIOL 4010 L	Developmental Biology Lab	1	
BIOL 4200	Cell Biology	3	
BIOL 4200 L	Cell Biology Lab	1	
Chemistry (20 Hrs)			
CHEM 1110	Principles of Chemistry I	3	
CHEM 1110 L	Principles of Chemistry I Lab	1	
CHEM 1120	Principles of Chemistry II	3	
CHEM 1120 L	Principles of Chemistry II Lab	1	
CHEM 2110	Organic Chemistry I	3	
CHEM 2110 L	Organic Chemistry I Lab	1	
CHEM 2120	Organic Chemistry II	3	
CHEM 2120 L	Organic Chemistry II Lab	1	
CHEM 3110	Physical Chemistry (no lab)	3	
CHEM 4600	Chemistry/Biochemistry Seminar	1	
Biochemistry (13 Hrs)			
BCHE 2310	Intro to Research & Sci Comm	2	
BCHE 3050	Introduction to Biochemistry	3	
BCHE 3050 L	Intro to Biochemistry Lab	2	
BCHE 3060	Molecular Biology	3	
BCHE 3300	Bioinformatics	2	
BCHE 4980	Undergraduate Research	1-3	
Support Courses (12 Hrs)			
MATH 2281	Calculus I	4	
PHYS 1001& L or PHYS 2001& L	General Physics I & Lab or Physics for Engrs/Scientists I & Lab	3,1	
PHYS 1002& L or PHYS 2002 & L	General Physics II & Lab or Physics for Engrs/Scientists II & Lab	3,1	

Shading=Lib Arts