

BIOCHEMISTRY – B.S. – 2009-10

(To the student: Please make sure you are using the correct check sheet based on your enrollment year. Official check sheets should be secured only from the Registration Office. YOU are responsible for making sure you are on the correct check sheet, in sync with Registration, 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: _____

Student Name: _____
 Transfer: _____
 Advisor: _____
 Accepted to Major on: _____
 Degree Appl Submitted on: _____

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	2	
FNA 102	Intro to Dance	2	
	Behavioral Science	3	
	Foreign Language♦	(3)	
	Foreign Language♦	(3)	
	Foreign Language♦	(3)	
	Hist, Eco, Soc Sci Elect	3	
N/A	Lab Science	N/A	N/A
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 101	Intro to Literature	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	

Major Requirements: 66 Hours		SHr	Grd
BIOLOGY (21 Hrs)			
BIO 101	GENERAL BIOLOGY I	3	
BIO 101 L	GENERAL BIOLOGY I LAB	1	
BIO 102	GENERAL BIOLOGY II	3	
BIO 102 L	GENERAL BIOLOGY II LAB	1	
BIO 301	MICROBIOLOGY	3	
BIO 301 L	MICROBIOLOGY LAB	1	
BIO 302	GENETICS	3	
BIO 302 L	GENETICS LAB	2	
BIO 420	CELL BIOLOGY	3	
BIO 420 L	CELL BIOLOGY LAB	1	
CHEMISTRY (19 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 301	PHYSICAL CHEMISTRY (NO LAB)	3	
BIOCHEMISTRY (11 Hrs)			
BCH 305	INTRODUCTION TO BIOCHEMISTRY	3	
BCH 305 L	INTRO TO BIOCHEMISTRY LAB	2	
BCH 306	MOLECULAR BIOLOGY	3	
BCH 498	UNDERGRADUATE RESEARCH	3	
MATH & PHYSICS (15 Hrs)			
MTH 200	Elementary Statistics	3	
MTH 281	CALCULUS I	4	
PHY 101 OR PHY 201	GENERAL PHYSICS I OR PHYSICS for ENGRS/SCIENTISTS I	4	
PHY 102 OR PHY 202	GENERAL PHYSICS II OR PHYSICS for ENGRS/SCIENTISTS II	4	

*Honors students may elect to take FNA 101H instead of ART/MUS/FNA;
 *Honors students may elect to take CMP 103H instead of CMP 101 & 102; however those not also transferring in a writing course must take an add'l 3-hr Lib Arts elctv

**Honors version of course available for Honors Students

≈Completion within the first two semesters is expected

€Completion within the first two years is recommended

♣No more than 2 hrs may be counted toward degree

♦Or proficiency as outlined in the College catalog

If Transfer student, total # transfer hours:

Date	Total Hours	Total LA Hours	Date	Total Hours	Total LA Hours

Liberal Arts courses: ART-appreciation/history, ASL, AST, BCH, BIB, BIO, CHM, CMC, CMP, CSC-selected, ECN, ESC, ESL, FNA, FRN, GED, GEO, GRK, GRN, HEB, HST, HUM, LIT, MTH, MUS-aural/history/literature/theory, PHL, PHS, PHY, PSC, PSY, REL, RST, SOC, SPN, THE, THR-history, WST

Cannot count as Liberal Arts: ACC, ART-studio/practicum, BUA (incl Bus Math/Bus Comm), CRJ, CSC-applctn/prog lang/practicum, EDU, INT, MGT, MKT, MIN, MUS-applied/mthds/pedagogy/prfrmc/practicum, NSC, NSG, PED, PPE, SWK, THR-methods

Other Elective Credits to Reach 124 Hours	SHr	Grd

Shading=Lib Arts; *ITALICIZED CAPSS=PRE-REQ NEEDED*; **Bold=Offered alternate years or on demand**