



B.S. in Biochemistry
BIOCHEMBS.2010
58 credits, incl. 12 GE credits

Effective Date: 2010

Name of Student:		
Student ID #:		Graduation Date
Home Country:	<input type="checkbox"/> IWORK	
Advisor:	Name	Date

Science Core **15 Credits**

Course #	Title	Hr.	Prerequisites	Offered	Sem.	Grade
BIOL 112	Biology for Majors (GenEd)	3		F,W,S		
CHEM 105/L	General Chemistry I/Lab (GenEd -3)	4	MATH 110 or equivalent	F,W		/
CHEM 106/L	General Chemistry II/Lab	4	CHEM 105/L	W,S		/
BIOL 265/L	Molecular & Cell Biology	4	BIOL 112, CHEM 105/L	F,W		/

Chemistry Core **27 Credits**

CHEM 251/L	Organic Chemistry I/Lab	4	CHEM 106/L	F		/
CHEM 252/L	Organic Chemistry II/Lab	4	CHEM 251/L	W		/
CHEM 295	Organic Spectroscopy	3	CHEM 252/L	S		
CHEM 326/L	Analytical Chemistry/Lab	4	CHEM 106/L	F		/
CHEM 381/L	Biochemistry I/Lab	4	CHEM 252/L	F, S		/
CHEM 382/L	Biochemistry II/Lab	4	CHEM 381/L	F,W		/
CHEM 468/L	Physical Biochemistry/Lab	4	CHEM 382/L	S		/

Senior Research **4 Credits**

CHEM 491	Undergrad Research (GenEd)	1	Completion or concurrent enrollment in CHEM 252	W		
CHEM 492-4	Undergrad Research (GenEd)	3	CHEM 491	S		

Required Supporting Biology Course **4 Credits**

BIOL 441/L	Molecular Biology/Lab	4	Science Core	W		/
------------	-----------------------	---	--------------	---	--	---

Biology/Chemistry Electives

Select 8 credits from list

BIOL 376/L	Genetics/ Lab	4	¾ Science Core	F		/
BIOL 445/L	Immunology	4	Science Core	F		/
BIOL 465/L	Principles of Physiology/Lab	4	Science Core	W		/

Recommended Course for Graduate School Prerequisites and Entrance Exams Preparation

MATH 112	Calculus I (GenEd)	5	MATH 111	F,W		
PHYS 121/L	General Physics I (GenEd - 3)	4	MATH 112	W,S		/
PHYS 122/L	General Physics II	4	PHYS 121/L	W,S		/
PHYS 221/L	General Physics III	4	PHYS 121/L	F		/

Total Credits Mapped for Graduation:

No credit of less than C- in any BIOL/CHEM course is counted toward graduation

Note: Anatomy & microbiology may be required for prerequisites for some professional programs.