



B.S. in Pre-Professional Biology

BIOSCPPBS.2011

60 credits, incl. 9 GE credits

Effective Date: 08/ 2010

Name of Student:			
Student ID #:			
Home Country:	<input type="checkbox"/> IWORK		
Grad. Date:			
Advisor:	Name	Initials	Date
Date Started:			

Science Core 15 Credits

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

Course #	Title	Hr.	Prerequisites	Offered	Sem.	Grade
BIOL 112	Biology for Majors (GenEd)	3		F,W		
CHEM 105/L	General Chemistry I/Lab (GenEd - 3)	4	MATH 110 or higher Math	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		/

Biology Core 12 Credits

BIOL 220/L	Microbiology/Lab	4	¾ Science Core	W		/
BIOL 376/L	Genetics/Lab	4	¾ Science Core	F		/
BIOL 491L	Research & Thesis (GenEd)	1	Jr./Sr.+ Science Core	F,W		
BIOL 492L	Research & Thesis (GenEd)	1	BIOL 491L	F,W		
BIOL 493L	Research & Thesis (GenEd)	1	BIOL 492L	F,W		
BIOL 494L	Research & Thesis (GenEd)	1	BIOL 493L	F,W,S		

Biology Electives 25 Credits

Minimum of 1 class from 200 level AND a minimum of 4 classes from the 300 & 400 levels to end with total of 25 elective credits. *Only 1 credit of BIOL 495R counted toward Biology elective credits. (Elective recommended for MCAT Preparation starred.)

Minimum: 1 Class in 200 Level

BIOL 248/L	Conservation Biology/Lab	4	BIOL 112	W-even		/
BIOL 260/L ★	Elementary Human Anatomy/Lab	3	¾ Science Core	W		/
BIOL 261/L ★	Elementary Human Physiology/Lab	4	¾ Science Core	F		/

Minimum: 4 Class in 300-400 Level

BIOL 320/L	Pathogenic Microbiology/Lab	4	Science Core and BIOL 220/L	S-even		/
BIOL 330/L	Bioinformatics/Lab	4	Science Core	S-odd		/
BIOL 340	Experimental Design/Analysis	3	¾ Science Core	S		
BIOL 350/L	General Ecology/Lab	4	¾ Science Core & BIOL 201/L or 206/L	F		/
BIOL 374	Evolution & Human Prehistory	3	BIOL 112	W-even		
BIOL 383/L ★	Histology & Dev. Biology/Lab	4	¾ Science Core	W		/
BIOL 441/L ★	Molecular Biology/Lab	4	Science Core	W		/
BIOL 442/L ★	Advanced Cellular Biology/Lab	4	Science Core	S		/
BIOL 445/L ★	Immunology/Lab	4	Science Core	F		/
BIOL 460 ★	Advanced Human Anatomy	3	BIOL 260/L	F		
BIOL 465/L ★	Principles of Physiology/Lab	4	Science Core	W		/
BIOL 475	Pathogenic Physiology	3	Science Core and BIOL 261/L or BIOL 465/L	F,S		
BIOL 495R*	Independent Study	1	PERMISSION ONLY	F,W,S		
CHEM 381/L ★	Biochemistry/Lab	4	CHEM 252/L	F		/

Required Chemistry 8 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		/

Recommended for Graduate School Pre-requisites and Entrance Exams Preparation

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

Total Credits Mapped for Graduation:

Based on completion of remaining courses as indicated on this MRS, this student is authorized to graduate with this major.

Dept. Chair (Printed) _____

Signature _____

Date _____

The terms of this MRS will be honored by the Department and University within the next 8 years. If courses cease to be offered, options for substitution will be provided.