

Degree Worksheet

2009-2010

PROGRAM/PLAN Bachelor of Science - Biology
SUB PLAN _____

University minimum requirements 120 hours.

Total of 54 hours must be upper division level. 30 of the last 36 upper division semester hours must be completed at UHV.

	Coursework	Hrs. Req.	Remarks	Hrs. Earn
CORE CURRICULUM	ENGL 1301 Rhetoric & Composition	3		
	ENGL 1302 Composition, Research & Literature	3		
	HIST 1301 History of the United States thru 1877	3		
	HIST 1302 History of the United States from 1877	3		
	GOVT 2301 American Govt. (Fed & State Const)	3		
	GOVT 2302 American Govt. (Fed & State Topics)	3		
	Natural Sciences	11	Choose from biology, chemistry, geology, physics, or biophysical science. Must take 2 course w/labs.	
	Mathematics	3	College Algebra or equivalent	
	Social/Behavioral Sciences	3	ANTH, ECON, GEOG POLS, PSY or SOCI	
	Visual/Performing Arts	3	ARTS, MUSI, or DRAM	
	Humanities	3		
	Speech	3	SPCH 1311, 1315, 1318, 1321	
Computer Literacy	3	Introduction to Computers		
ADDITIONAL LD	BIOL 1406 Biology for Science Majors	4		
	BIOL 1407 Biology for Science Majors	4		
	BIOL 2420 Elementary Microbiology	4		
	CHEM 1411 General Inorganic Chemistry	4		
	CHEM 1412 General Inorganic Chemistry	4		
	CHEM 2423 Organic Chemistry I	4		
	PHYS 1401 General Physics	4		
	MATH 2312 Pre Calculus	3		
	***CHEM 1407 Introductory Biochemistry	4	May be waived upon the completion of BIO 4310	

MAJOR PROGRAM	ENG 3430 Professional Writing	4		
	MAS 3391 Probability and Statistics	3		
CONCENTRATION	BIO 3340 Animal Behavior <u>or</u> BIO 3342 Social Biology	3		
	BIO 4333 Comparative Animal Physiology <u>or</u> BIO 3323 Comparative Anatomy	3		
	BIO 4310 Biochemistry w/lab <u>or</u> CHEM 2425 Organic Chem II w/ Lab	3	BIO 4210 Lab for Biochemistry and Biotechnology	
	BIO 3326 Plant Biology w/ Lab <u>or</u> BIO 4390 Phytochemicals & Human Health	3	BIO 3226 Lab for Plant Biotechnology	
	BIO 3320 Human Genetics <u>or</u> 4313 Genetics	3		
	BIO 4337 Cell Molecular Biology w/ lab <u>or</u> 4335 Ecology w/ lab	3	BIO 4237 Lab for Cell & Molecular Genetics; BIO 4235 Lab for Ecotoxicology	
	BIO 4320 Embryology <u>or</u> 3330 Histology w/ Lab	3	BIO 3230 Lab for Immunohistochemistry	
	BIO 4103 Biology Seminar <u>or</u> 4102 Independent Research in Biology	1		
	Labs***	8	Must complete 4- 2hr labs. One lab must be taken in either 4237 or 4210. Concurrent enrollment with lecture course is encouraged.	

MINOR / FREE ELECTIVES			Upper Division and/or Lower Division Minor and/or Free Electives. 54 hour minimum of upper division hours.	

NOTES:

LD =Lower Division (Community College-Level: Freshman, 1000-level /Sophomore, 2000-level)

UD =Upper Division (University-Level: Junior, 3000-level /Senior, 4000-level)

s.h.= Semester Hours

***This document is an unofficial guide to your degree.
Please contact an advisor for an official degree plan.***

29-Jul-09