

# Degree Worksheet

2010-2011

PROGRAM/PLAN Bachelor of Science- Computer Science  
SUB PLAN Computer Science Information Systems

**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.*

	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		
	PSCI 2305 American Govt. (Fed & State Const)	3		
	PSCI 2306 American Govt. (Fed & State Topics)	3	Or GOVT 2301 and GOVT 2302	
	Natural Sciences BIOL 1306/1406, BIOL 1307/1407, BIOL 1309, BIOL 1322, BIOL 2306/2406	11	Or choose from BIOL, CHEM, GEOL, PHYS or Biophysical Science. <b>Must</b> have 2 courses with labs	
	Mathematics MATH 1314, MATH 1324, MATH 1325	3	College Algebra or equivalent	
	Social/Behavioral Sciences PSYC 2301, CRIJ 1301	3	Or choose from ANTH, ECON, GEOG POLS, PSYC or SOCI	
	Visual/Performing Arts DRAM 2366, COMM 1355	3	Or choose from ARTS, MUSI, or DRAM	
	Humanities ENGL 2322, PHIL 1301, PHIL 1303	3	Or choose from ENGL Literature, HUMA or PHIL	
	Speech SPCH 1315	3	Or choose from SPCH 1311, 1318 or 1321	
	Computer Literacy/Proficiency COSC 1301	3	Introduction to Computers	
	ADDITIONAL L.D.	COSC 1436 Programming Fundamentals I	4	
COSC 1437 Programming Fundamentals II		4		
MATH 1324 Finite Math		3		
ACCT 2401 Principles of Accounting I		4		
ACCT 2402 Principles of Accounting II		4		
MATH 1325 Business Calculus		3		
MAJOR PROGRAM	ENGL 3430 Professional Writing	4		
	COSC 3317 Object Oriented Program & Design	3	Students may test out of course by passing the UHV programming proficiency exam. An equivalent, advanced course is substitutable with faculty approval to meet reqs.	
	COSC 3331 Data Structures & Algorithms I	3		
	COSC 3333 Data Structures & Algorithms II	3		
	COSC 4339 Telecommunications & Networks	3		
	MATH 3362 Discrete Structures	3		
CONCENTRATION	COSC 3325 Info. Systems in Organizations	3		
	MGMT 3311 Principles of Management	3		
	MKTG 3311 Principles of Marketing	3		
	COSC 3315 Application Design Using GUI & Database	3		
	COSC 4321 Software Project Management	3		
	COSC 4350 Info. Security, Privacy and Ethics	3		
	MATH 3391 Probability and Statistics	3		
	COSC 4320 Software Engineering	3		
	COSC 4336 Database Design	3		
	COSC 4337 Operating Systems	3		
COSC <u>or</u> MATH	6	9 UD Semester Hours, Computer Science, Gaming, and/ or Math by advisement (excluding COSC 3325 and COSC 4305)		
MINOR / FREE ELECTIVES			Upper Division and/or Lower Division Minor and/or Free Electives 54 semester hours of upper division courses.	

5-Oct-10

**NOTES:**

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

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

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

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