

Student Name

ID Number

**BACHELOR OF ARTS/SCIENCE
COMPUTER SCIENCE
2009 - 2010**

BA	
BS	

GENERAL EDUCATION CORE	REQ	COMP	NEED
SKILLS COMPONENT			
ENGL 101, 102	6		
ENGL 109			
COMM 204	3		
MATH 170	3		
HUMANITIES 1 Lit & 1 Art course (6 cr. required)			
ENGL 150, ENGL 258, ENGL 257, HUM 301	3		
ART 100, HUM 101, 150, MUS 101, THEA 101	3		
NATURAL SCIENCES 2 courses: NS 150 & 1 lab science			
NS 150	3		
BIOL 100, 102, 120, 175, 252	4		
CHEM 102, 105, 111			
FSCI 101			
GEOL 100, 120			
NS 172 & 172			
PHYS 111, 205, 211			
SOCIAL SCIENCE min 3 courses from 2 subjects (9 cr req)			
ANTH 102, 120, 170	9		
ECON 101, 102, 201, 202			
GEOG 102			
HIST 101, 102, 111, 112			
HRPT 184, 185			
PHIL 120			
POLS 101, 285			
PSYC 101, 205			
SS 150, 184, 185			
SOC 101, 102			
INTEGRATIVE COMPONENT 1 course required			
NS, HUM, SS 350	3		
ID, HUM, SS 351			
TOTAL	37		
FOEIGN/HERITAGE LANGUAGE	REQ	COMP	NEED
101	Take 16 credits of language if selecting a Bachelor of Arts degree.		
102			
201			
202			
TOTAL	16		
SUMMARY			
GENERAL EDUCATION	37		
GENERAL ELECTIVES	0 to 15		
MAJOR	36		
EMPHASIS AREA	40-55		
TOTAL	128		
Exit Interview			

128 Total Credits (minus remedial):

36 Upper Division Credits:

32 Resident Credits (LCSC):

NOTES, SUBSTITUTIONS & WAIVERS

*ISATI 107 may be substituted for CS 112 and ISATI 205 may be substituted for CS 235 for the Computer Science Technology Emphasis only

MAJOR COURSES	REQ	COMP	NEED
CS 111 Foundations of Programming	4		
CS 112 Object-Oriented Design/Method *	4		
CS 213 Algorithms & Data Structures	4		
CS 235 Net-Centric Computing *	4		
CS 245 Databases	4		
CS 330 Operating Systems	4		
CS 345 Info & Knowledge Mgt.	4		
CS 360 Software Engineering	4		
MATH 170 Calculus	core		
MATH 186 Discrete Mathematics	3		
NS 380 Senior Seminar	1		
TOTAL	36		

COMPUTER SCIENCE TECHNOLOGY EMPHASIS

Must be enrolled in or completed an AAS in Information Systems Analysis

ISATI 101 Intro to Netwrk	5		
ISATI 103 Intro ISA	5		
ISATI 104 Fund of Microcomp	5		
ISATI 107 Intro C++ (see note)	(*5)		
ISATI 203 Windows Vista	5		
ISATI 204 CCNA 1	4		
ISATI 205 WAN Fund (see note)	(*4)		
ISATI 209 MS Win Server	5		
ISATI 121 Security	5		
ISATI 223 Certification Prep	4		
ISATI 402 Novell/Linux	5		
ISATI 407 CCNA 3	4		
ISATI 408 CCNA 4	4		
CS 300/400	2-4		
TOTAL	55		

COMPUTER SCIENCE WEB-BASED EMPHASIS

Must be enrolled in or completed an AAS in Web Development

CITPT 106 Intro to Programming	3		
CITPT 116 Intro to Web Development	3		
CITPT 117 Principles of Web Design	3		
CITPT 189 Direct Web Authoring Project	1		
CITPT 213/413 Web Database Technologies	3		
CITPT 225 Internet Business Pgm	3		
CITPT 344 Multimedia Web Applications	3		
CITPT 465 Adv Desktop Publishing	3		
CITPT 475 Web Development	3		
CITPT 485 Applications in Web Development	3		
GNBPT 296 Work-based Learning	4		
CS 450 Usability: Human-Centered Design/Eval	4		
CS 300/400	4		
TOTAL	40		

GENERAL ELECTIVES

TOTAL	0 to 15		

Division Chair

Date

Advisor

Date