

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS COMPUTER SCIENCE 2011-2012

Student: _____
 Student ID: _____
 Enrollment Date: _____

Total semester hours required: 120
 Total semester hours transferred: _____

Plymouth Requirements	Credits	Gen Ed	Transfer Course (Title)	Credits	To Be Taken
CS 2010 Computing Fundamentals	3	TECO			
CS 2220 Computer Hardware	3				Spring
CS 2370 Programming in Java	4				
CS 2380 Client/Server Programming	3				Fall
CS 2470 Systems Programming in C/C++	2				Spring
CS 3220 Data Structures/Algorithmic Analysis	4				Spring
CS 3600 Database Management Systems	4				Fall
CS 3780 Introduction Computational Theory	3				Fall
CS 4140 Software Engineering	3				Fall
CS 4250 Computer Architecture	3				Fall
CS 4310 Operating Systems	3				Spring
CS 4520 CyberEthics	3	DICO, INCO, WRCO			Fall
CS 4750 Senior Project	3				
<i>Computer Science Major electives -</i>	6	Complete two of the following:			
CS 3020 Web Programming					Fall
CS 3240 Data Communication/Computer Networks					Fall
CS 3500 Introduction to Artificial Intelligence					Odd Fall
CS 3700 Computer Graphics					Even Spring
CS 3720 Systems Analysis and Design					Spring
CS 3820 Human-Computer Interaction					Odd Spring
CS 4220 System Administration					Fall
CS 4400 Computer Networks/Protocols					Spring
CS 4420 Computer Security					Spring
CS 4920 CS Internship (max. of 3 credits)					
MA 2300 Statistics I	3	QRCO			
MA 3120 Linear Algebra	3				Spring
MA 3200 Discrete Mathematics	3				
<i>Calculus - complete one sequence:</i>	8	Complete either (MA 2490 and MA 2500) or (MA 2550 and MA2560).			
MA 2490 Applied Calculus I <i>and</i>		MATH			
MA 2500 Applied Calculus II		QRCO			Spring
MA 2550 Calculus I <i>and</i>		MATH			
MA 2560 Calculus II		QRCO			
PH 2410 University Physics I	3				Fall
PH 2420 University Physics II	3				Spring
PH 2430 University Physics Laboratory I	1				Fall
PH 2440 University Physics Laboratory II	1				Spring
Science course with laboratory	4	not BIDI/CHDI/ESDI/MTDI/PHDI			
EN 1200 Composition	3				
IS 1111 The First Year Seminar	3	Transfers entering with 24+ credits are excused from IS 1111.			
CTDI Creative Thought Directions	6				
PPDI Past and Present Directions	6				
SSDI Self and Society Directions	6				
GACO Global Awareness Connection	3				
WECO Wellness Connection	3				
Electives	14				