

BS INFORMATION TECHNOLOGY 2012-2013

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 2080	Visual Basic	3				Falls
CS 2220	Computer Hardware	3				Spring
CS 2370	Programming in Java	4				
CS 2381	Data Structures and Intermediate Programming	4				Falls
CS 3240	Data Communication and Computer Networks	3				Falls
CS 3600	Database Management Systems	4				Falls
CS 3720	Systems Analysis and Design	3				Spring
CS 4220	System Administration	3				Falls
CS 4400	Computer Networks/Protocols	4				Spring
CS 4420	Computer Security	3				Spring
CS 4520	CyberEthics	3	DICO,INCO,WRCO			Falls
CS 4750	Senior Project	3				
<i>Information Technology Major electives -</i>		5-6	Complete two of the following:			
CS 2470	Systems Programming in C/C++					Spring
CS 3020	Web Programming					Falls
CS 3221	Algorithm Analysis					Spring
CS 3440	Multimedia					Even Spring
CS 3500	Introduction to Artificial Intelligence					Odd Falls
CS 3820	Human-Computer Interaction					Odd Spring
CS 4140	Software Engineering					Falls
CS 4250	Computer Architecture					Falls
CS 4310	Operating Systems					Spring
CS 4920	CS Internship (max. of 3 credits)					
CM 3090	Technical Communication	3	TECO,WRCO			
MA	Math elective	3	MA 1800, MA 2010, MA 2140 or above (not MADI) *			
MA 2200	Finite Mathematics	3	MATH			
MA 2300	Statistics I	3	QRCO			
Complete one of the following:		4				
MA 2140	Precalculus		QRCO,TECO			
MA	One semester of Calculus					
EN 1200	Composition	3				
IS 1111	The First Year Seminar	3	Transfers entering with 24+ credits are excused from IS 1111.			
CTDI	Creative Thought Direction	3				
CTDI	Creative Thought Direction	3				
PPDI	Past and Present Direction	3				
PPDI	Past and Present Direction	3				
SIDI	Scientific Inquiry Direction	3-4				
SIDI	Scientific Inquiry Direction	3-4				
SSDI	Self and Society Direction	3				
SSDI	Self and Society Direction	3				
GACO	Global Awareness Connection	3				
WECO	Wellness Connection	3				
Electives		20-17				

* Cannot double count MA 2140 or calculus.