

**BACHELOR OF SCIENCE DEGREE PROGRAM (2011-2012)
SOFTWARE ENGINEERING(7075)**

NAME		STUDENT NO.:	
ADDRESS		TELEPHONE NO.:	
ADVISOR		E-MAIL	
COMMENTS			
COURSE #	COURSE DESCRIPTIONS	CR.	YEAR
FRESHMAN YEAR – FALL SEMESTER			
ASC 1000	University Experience	1	
COM 1101	Composition and Rhetoric (Prerequisite: COM 1100 or a passing grade on the placement test)	3	
CSE 1001	Fundamentals of Software Development 1 (MUST PASS WITH “C” OR BETTER)	4	
CSE 1101	Computing Disciplines and Careers 1	1	
CSE 1400	Applied Discrete Mathematics (Requirements: Passing score on the Calculus Readiness Test, or prerequisite course) Prerequisite: MTH 1001)	3	
PSY 1411	Introduction to Psychology	3	
	TOTAL	15	
FRESHMAN YEAR – SPRING SEMESTER			
COM 1102	Writing about Literature (Prerequisite: COM 1101)	3	
CSE 1002	Fundamentals of Software Development 2 (Prerequisite: CSE 1001 and MUST PASS WITH A “C” OR BETTER)	4	
CSE 2120	Computer Organization (Prerequisite: CSE 1001 and MUST PASS WITH A “C” OR BETTER)	3	
MTH 1001	Calculus 1 (Prerequisites: MTH 1000 or High school algebra, trigonometry and a passing score on the placement test) (Graphics Calculator required)	4	
	Restricted Elective (Science)	3	
	TOTAL	17	
SOPHOMORE YEAR – FALL SEMESTER			
COM 2012	Research Sources and Systems (Prerequisite: COM 1102)	1	
COM 2223	Scientific and Technical Communications (Prerequisite: COM 1102)	3	
CSE 2010	Algorithms and Data Structures (Prerequisite: CSE 1002, CSE 1400 or MTH 2051 and MUST PASS WITH A “C” OR BETTER)	4	
MTH 1002	Calculus 2 (Prerequisite: MTH 1001)	4	
BIO 1010 CHM 1101 PHY 1001	CHOOSE ONE sequence Biology, Chemistry, or Physics Biological Discovery 1 (Requirement: High School biology and chemistry.) General Chemistry 1 Physics 1 (Prerequisite: MTH 1001; co-requisite: MTH 1002) and PHY 2091 (Corequisite: PHY 2001) [One credit maybe applied toward Restricted Science Elective]	4	
	TOTAL	16	
SOPHOMORE YEAR – SPRING SEMSTER			
CSE 2050	Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)	3	
CSE 2410	Introduction to Software Engineering (Prerequisites: CSE 2010)	3	
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)	3	
HUM 2510	Logic (Prerequisite: COM 1101)	3	
BIO 1020 CHM 1102 PHY 2002	CHOOSE ONE sequence Biology, Chemistry, or Physics Biological Discovery 2 (Requirement: High School biology and chemistry.) General Chemistry 2 (Prerequisite: CHM 1101) Physics 2 (Prerequisite: PHY 1001) and PHY 2092 (Corequisite: PHY 2001) [One credit maybe applied toward Restricted Science Elective]	4	
	TOTAL	16	

