COLLEGE OF ARTS AND SCIENCES **BACHELOR OF SCIENCE IN LIFE SCIENCES, BIOMEDICAL ENGINEERING OPTION** ***2011-2012***

STUDENT NAME:_____**STUDENT ID :**_____**ADVISOR:**_____**DATE:**_____

YEAR	TERM	COURSES						CREDITS
YEAR ONE	FALL	**FCWR 101** 3 *Foundations of College Composition* Pre-req - PLACEMENT EXAM	**FCSP 105** 3 *Foundations of Speech Communication*	**MATH 170** 4 *Calculus I* Pre-req - PLACEMENT EXAM, MATH-141, or TMAT-155	**CHEM 110** 4 *General Chemistry I* Co- req - TMAT 135 or MATH 141	**FCIQ 101** 3 *Foundations of Inquiry*		**17**
	SPRING	**FCWR 151** 3 *Foundations of Research Writing* Pre-req - FCWR 101	**PHYS 170** 4 *General Physics I* Co-Req - MATH 170	**MATH 180** 4 *Calculus II* Pre-req - MATH 170	**CHEM 150** 4 *General Chemistry II* Pre-req - CHEM 110, MATH 141	**EENG 130** 3 *Introduction to Computer Hardware* Pre-req - MATH 141		**18**
YEAR TWO	FALL	**BIOL 110** 4 *General Biology I* Co-req - CHEM 110	**PHYS 180** 4 *General Physics II* Pre-req - PHYS 170	**MATH 260** 4 *Calculus III* Pre-req - MATH 180	**CHEM 210** 4 *Organic Chemistry I* Pre - req - CHEM 150			**16**
	SPRING	**BIOL 150** 4 *General Biology II* Pre-req - BIOL 110, Co-req - CHEM 150	**PHYS 225** 3 *Introduction to Modern Physics* Pre-req - PHYS 180	**MATH 320** 3 *Differential Equations* Pre-req - MATH 260	**CHEM 250** 4 *Organic Chemistry II* Pre-req - CHEM 210	**FCSC 101** 3 *Foundations of Scientific Process*		**17**
YEAR THREE	FALL	**BIOL 210** 4 *Human Gross Anatomy* *Approval of the Chair	**EENG 211** 3 *Electrical Circuits I* Co-req - MATH 180, PHYS 180	**EENG 270** 3 *Introduction to Electronic Circuits* *Approval of the Chair	**BIOL 340** 4 *Biochemistry* Pre-req - CHEM 250, BIOL 150	**CSCI 125** 3 *Programming I* Co-req-MATH 141 or TMAT 155		**17**
	SPRING	**BIOL 310** 4 *Human Physiology* Pre-req - CHEM 215	**CHEM 310** 4 *Quantitative Analysis* Pre-req - CHEM 150	**EENG 281** 3 *Electrical Circuits II* *Approval of the Chair	**BIOL 430** 4 *Cell Physiology* Pre-req - BIOL 340, BIOL 310	**EENG 315** 1 *Electronics Lab II* Pre-req - EENG 270, 275	**EENG 275** 1 *Electronics Lab I* *Approval of the Chair	**17**
YEAR FOUR	FALL	**ICLT 3XX** 3 *Literature Choice* Pre-req - FCWR 151, FCSP 105, FCSC 101, FCIQ 101	**ICBS 3XX** 3 *Behavioral Science Choice* Pre-req - FCWR 151, FCSP 105, FCSC 101, FCIQ 101	**ICSS 3XX** 3 *Social Science Choice* Pre-req - FCWR 151, FCSP 105, FCSC 101, FCIQ 101	**EENG 310** 3 *Electronic Circuit Applications* Pre-req - EENG 270, CoReq - EENG 281	**EENG 370** 3 *Microprocessors* Pre-req - EENG 310, EENG 130 or EENG 260	**CSCI 185** 3 *Programming II* Pre-req - CSCI 125	**18**
	SPRING	**ICPH 3XX** 3 *Philosophy Choice* Pre-req - FCWR 151, FCSP 105, FCSC 101, FCIQ 101	**FCWR 304** 3 *Communication for Technical Professions* Pre-req - FCWR 101, FCWR 151	**CHEM 410** 4 *Physical Chemistry I* Pre-req - CHEM 310, PHYS 220	**BIOL 495** 3 *BioInstrumentation* Pre-req - EENG 370	3 *General Elective*		**16**
CREDITS		**136**						**136**

rev: 11/11