

YEAR TERM	CHEMISTRY/BIOLOGY		COMPUTER SCIENCE/ENGINEERING & MATH/PHYSICS			CORE & GENERAL ELECTIVE			TOTAL CREDITS
YEAR 1	FALL	CHEM 110 4 GENERAL CHEMISTRY I Co-Req: MATH 135 or higher		MATH 170 4 CALCULUS I Pre-Req: Placement Exam, MATH 141, MATH 136 or TMAT 155		FCWR 101* 3 FOUNDATIONS OF COLLEGE COMPOSITION Pre-Req: Placement or WRIT 100	FCIQ 101 3 FOUNDATIONS OF INQUIRY	FCSP 105 3 FOUNDATIONS OF SPEECH COMMUNICATION	17
	SPRING	CHEM 150 4 GENERAL CHEMISTRY II Pre-Req: CHEM 110	EENG 125 3 FUNDAMENTALS OF DIGITAL LOGIC	MATH 180 4 CALCULUS II Pre-Req: MATH 170	PHYS 170 4 GENERAL PHYSICS I Co-Req: MATH 170	FCWR 151* 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101			18
YEAR 2	FALL	CHEM 210 4 ORGANIC CHEMISTRY I Pre-Req: CHEM 150	BIOL 110 4 GENERAL BIOLOGY I		MATH 260 4 CALCULUS III Pre-Req: MATH 180				16
	SPRING	CHEM 250 4 ORGANIC CHEMISTRY II Pre-Req: CHEM 210	BIOL 150 4 GENERAL BIOLOGY II Pre-Req: BIOL 110	EENG 211 3 ELECTRICAL CIRCUITS I Pre-Req: MATH 170 & PHYS 170; Co-Req: MATH 180 & PHYS 180		PHYS 225 3 INTRODUCTION TO MODERN PHYSICS Pre-Req: PHYS 180	FCSC 101 3 FOUNDATIONS OF SCIENTIFIC PROCESS		17
YEAR 3	FALL	BIOL 210 4 HUMAN GROSS ANATOMY FALL/SPRING in OW SPRING in MA	BIOL 340 4 BIOCHEMISTRY Pre-Req: BIOL 150 and CHEM 250	EENG 270 3 INTRODUCTION TO ELECTRONICS CIRCUITS Pre-Req: EENG 211 or EENG 212	MATH 320 3 DIFFERENTIAL EQUATIONS Pre-Req: MATH 260	CSCI 125 3 COMPUTER PROGRAMMING I Co-Req: MATH 136 or MATH 141 or higher			17
	SPRING	CHEM 310 4 QUANTITATIVE ANALYSIS Pre-Req: CHEM 150 SPRING in OW FALL in MA	BIOL 310 4 HUMAN PHYSIOLOGY Pre-Req: BIOL 210, and CHEM 105 or CHEM 110 FALL/SPRING in OW FALL in MA	CSCI 185 3 COMPUTER PROGRAMMING II Pre-Req: CSCI 125			ICPH 3XX** 3 PHILOSOPHY CHOICE	FCWR 304 3 COMMUNICATION FOR TECHNICAL PROFESSIONS Pre-Req: FCWR 151	17
YEAR 4	FALL		BIOL 431 4 CELL BIOLOGY Pre-Req: BIOL 340 FALL in MA SPRING in OW	BIOL/PHYS 365 3 BIOMEDICAL PHYSICS Pre-Req: PHYS 225, CHEM 150 & BIOL 150	EENG 310 *** 3 ELECTRONIC CIRCUIT APPLICATIONS Pre-Req: EENG 270; Co-Req: EENG 281	EENG 275 1 ELECTRONICS LAB I Pre-Req: EENG 211 and FCWR 101	ICBS 3XX** 3 BEHAVIORAL SCIENCE CHOICE	ICLT 3XX** 3 LITERATURE CHOICE	17
	SPRING	CHEM 410 4 PHYSICAL CHEMISTRY I Pre-Req: CHEM 310 Co-Req: MATH 170 FALL in MA	BIOL 341**** 3 GENETIC ENGINEERING Co-Req: BIOL 335 SPRING in MA FALL in OW	EENG 371 3 MICROPROCESSORS Pre-Req: EENG 310, and either EENG 125 or EENG 130 or EENG 260 or CSCI 130		EENG 315 1 ELECTRONICS LAB II Pre-Req: EENG 270 and EENG 275	ICSS 3XX** 3 SOCIAL SCIENCES CHOICE	GENERAL ELECTIVE 3	17
CREDITS									136

*Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

Course names, numbers and/or pre-requisites are subject to change.

**Seminar pre-requisites include: FCWR 151, FCIQ 101, FCSC 101, and FCSP 105.

***Co-Req EENG 281 will be waived with Chair's approval.

****The co-requisite of BIOL 335 will be waived for students in this major.