



HCCC

ENGL2 Composition I

General Biology

3

MAT111	Calculus I	4	BIOL100	General Biology	4
MAT112	Calculus II	4	MATH192	Calculus and Analytic Geometry I	4
CSC100	Intro to Computers and Computing	3	MATH193	Calculus and Analytic Geometry II	4
ENG112	Speech	4	CS107	Computer and Information Systems	3
	CHEM 106 + 106	4		General Chemistry II Lecture and Recitation/Lab	5
CHP230	Organic Chemistry II	4	CHEM 207 + 2207	Organic Chemistry I Lecture and Lab	4
PHY111	Engineering Physics I	4	CHEM 208 + 2208	Organic Chemistry II Lecture and Lab	4
PHYS211	Engineering Physics II	4	PHYS140 + 1140	Principles of Physics I Lecture, Lab and Recitation	4
			PHYS141 + 1141	Principles of Physics II Lecture, Lab and Recitation	4

Complete 1 Approved Science Elective:

MAT114	Introduction to Probabilities and Statistics	3	MATH140	Statistics I	3
CSC115	Programming in C++ for CS	3	CS102	Computer Science II	3
CSC118	Python Programming	3	CS252	Programming for All in Python and Computer Science Principles	3
CSC117	Java Programming	3	CS101	Computer Science I	3

Total Credits Transferred 60

General Education Waiver Awarded!

Rel a, v, N JCU C . . e

COURSE NUMBER	COURSE NAME	CREDITS	AVAILABILITY
Required Courses		24	
CHEM205	Analytical Chemistry Lecture	3	Fall Only
CHEM2205	Analytical Chemistry Lab	2	Fall Only
CHEM307	Biochemistry I	4	
CHEM316	Instrumental Analysis I	3	Spring Only
CHEM3316	Instrumental Methods of Analysis I Lab	2	Spring Only
CHEM305	Physical Chemistry I	3	Fall Only
CHEM405	Seminar	1	Fall Only
CHEM416	Inorganic Chemistry	3	Spring Only
INTD180	Computer Tools for Science and Math	3	
Select a Minimum of 3 credits:		3	
CHEM220	Environmental Chemistry	4	
CHEM306	Physical Chemistry II Lecture	3	Spring Only
CHEM3306	Physical Chemistry II Lab and Recitation	2	Spring Only
CHEM308	Biochemistry II	4	
CHEM430	Spectroscopic Identification of Organic Compounds	3	
CHEM401	Medicinal Chemistry	3	
CHEM420	Food Chemistry	4	
CHEM412	Inorganic Chemistry Lab	2	
CHEM414	Advanced Organic Chemistry	3	
CHEM425	Nanomaterial and Microelectronic Fabrication	3	
CHEM435	Materials Chemistry	3	
Free Elective Courses		33	
Total Credits To Graduate		120	