



CAMPUS: Owens, Stanton  
 DEPARTMENT: Biology/Chemistry

RECOMMENDED  
 COURSE SEQUENCE SHEET

Name: \_\_\_\_\_  
 SSN: \_\_\_\_\_  
 Academic Advisor: \_\_\_\_\_  
 Matriculation date: \_\_\_\_\_

No pre-tech requirements  MAT 005  
 ENG 005  RDG 005  MAT 012  
 ESL  ENG 051  RDG 051  MAT 015  
 RDG 120  MAT 075

**RDG 120, Critical Reading and Thinking, will be a required course unless the student attains a specific minimum score on the College Placement Test.**

Curriculum Biotechnology: Biological Sciences Option Connected Degree  
 Effective: 0551

Curriculum Code Designation: BITAASBIS

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		GRADE	PREREQUISITES	COREQUISITES
				Offered	Completed			
<b>FIRST SEMESTER (FALL)</b>								
BIO 150 Biology I	3	2	4	Fall			RDG 051, ENG 051	
CHM 150 Chemical Principles I	4	3	5	Fall			CHM 100 or 110, MAT 075	MAT 181
ENG 121 Composition	3	0	3	Fall, Spring			RDG 051, ENG 051	
CIS 107 Intro to Computers/Application	2	2	3	Fall, Spring			RDG 051, or RDG 120	
MAT 185 Precalculus	4	0	4	Fall, Spring			Test scores or MAT 181	
<b>TOTAL</b>	16	7	19					
<b>SECOND SEMESTER (SPRING)</b>								
BIO 151 Biology II	3	2	4	Spring			RDG 051, ENG 051	
BIO 250 Principles of Microbiology	3	3	4	Spring			BIO 120 or BIO 150	
CHM 151 Chemical Principles II	4	3	5	Spring			CHM 150	
MAT 281 Calculus	4	0	4	Fall, Spring			MAT 182 or MAT 185	
<b>TOTAL</b>	14	8	17					
<b>THIRD SEMESTER (FALL)</b>								
BIO 260 Biotechnology	3	4	4	Fall			BIO 250, CHM 151	
CHM 240 Organic Chemistry I	3	3	4	Fall			CHM 150	
CHM 250 Analytical Chemistry I	4	4	5	Fall			CHM 151, CIS 107	
SOC 111 Sociology	3	0	3	Fall, Spring			RDG 051, ENG 051	
<b>TOTAL</b>	13	11	16					
<b>FOURTH SEMESTER (SPRING)</b>								
CHM 241 Organic Chemistry II	3	3	4	Spring			CHM 240	
CHM 251 Analytical Chemistry II	3	4	4	Spring			CHM 250	
ENG 122 Tech Writing & Communication	3	0	3	Fall, Spring			ENG 121	
PHY 171 Physics I	3	2	4	Fall, Spring			MAT 181	
PSY 121 General Psychology	3	0	3	Fall, Spring			RDG 051, ENG 051	
<b>TOTAL</b>	15	9	18					
<b>GRAND TOTAL</b>			<b>70</b>					

*For students who meet the prerequisites,*

\_\_\_\_\_  
 Student's Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Advisor's Signature

\_\_\_\_\_  
 Date