

General Education Core (43 hours)		Major Courses (15 hours)	
COLL 101 College Orientation	1	BIOL 110 General Zoology <sup>2</sup>	5
ENGL 101 English Composition	3	BIOL 120 General Botany <sup>2</sup>	5
ENGL 102 Advanced English Composition	3	CHEM 112 General Chemistry II <sup>2</sup>	5
HIST 106 US History I <u>or</u> PLSC 103 Nation, State and Local Government	3		
PE 113 Lifetime Wellness <u>or</u> Physical Education Activity Classes	2		
Humanities Electives <sup>1</sup>	9	Approved Electives	(5 hours)
Social Science Electives <sup>1</sup>	6	BIOL 220 General Microbiology <sup>2</sup>	5
BIOL 101 General Biology	5	MATH 112 Trigonometry <sup>2</sup>	2
CHEM 111 General Chemistry I <sup>2</sup>	5	MATH 150 Calculus I, Part I <sup>2</sup>	2
MATH 111 College Algebra <sup>2</sup>	3	MATH 160 Calculus I, Part II <sup>2</sup>	3
SPCH 101 Fundamentals of Speech	3	CHEM 201 Quantitative Analysis <sup>2,3</sup>	5

General Education Core (42 hours)		Major Courses (15 hours)	
COLL 101 College Orientation	1	BIOL 110 General Zoology <sup>2</sup>	5
ENGL 101 English Composition	3	BIOL 120 General Botany <sup>2</sup>	5
ENGL 102 Advanced English Composition	3	CHEM 112 General Chemistry II <sup>2</sup>	5
SPCH 101 Fundamentals of Speech	3		
Humanities Electives <sup>1</sup>	9	Approved Electives	(5 hours)
Social Science Electives <sup>1</sup>	6	BIOL 220 General Microbiology <sup>2</sup>	5
BIOL 101 General Biology	5	MATH 112 Trigonometry <sup>2</sup>	2
CHEM 111 General Chemistry I <sup>2</sup>	5	MATH 150 Calculus I, Part I <sup>2</sup>	2
MATH 111 College Algebra <sup>2</sup>	3	MATH 160 Calculus I, Part II <sup>2</sup>	3
HIST 106 US History I <u>or</u> PLSC 103 Nation, State and Local Government	3	CHEM 201 Quantitative Analysis <sup>2,3</sup>	5
PE 113 Lifetime Wellness <u>or</u> Physical Education Activity Classes	2		

<sup>1</sup>See Programs of Study in the Crowder College Catalog for course options

<sup>2</sup>Pre-requisite required. See Course Descriptions in the Crowder College Catalog for pre-requisites.

<sup>3</sup>Instructor permission required.

## MICROBIOLOGY ELECTIVE OPTION

<b>Recommended Schedule</b>			
<b>Freshman Year</b>		<b>Sophomore Year</b>	
<b>Fall Semester</b>	<b>hours</b>	<b>Fall Semester</b>	
COLL 101	1	BIOL 110	5
BIOL 101	5	CHEM 111	5
ENGL 101	3	Social Science Elective	3
MATH 111	3	Humanities Elective	3
Social Science Elective	3	<b>TOTAL</b>	<b>16</b>
PE 113	2		
<b>TOTAL</b>	<b>17</b>		
<b>Spring Semester</b>		<b>Spring Semester</b>	
BIOL 120 or BIOL 220	5	BIOL 120 or BIOL 220	5
ENGL 102	3	CHEM 112	5
HIST 106 or PLSC 103	3	Humanities Elective	3
Humanities Elective	3	SPCH 101	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>16</b>

## MATH/CALCULUS ELECTIVE OPTION

<b>Recommended Schedule</b>			
<b>Freshman Year</b>		<b>Sophomore Year</b>	
<b>Fall Semester</b>	<b>hours</b>	<b>Fall Semester</b>	
COLL 101	1	BIOL 110	5
BIOL 101	5	CHEM 111	5
ENGL 101	3	Social Science Elective	3
MATH 111	3	Humanities Elective	3
Social Science Elective	3	<b>TOTAL</b>	<b>16</b>
PE 113	2		
<b>TOTAL</b>	<b>17</b>		
<b>Spring Semester</b>		<b>Spring Semester</b>	
BIOL 120 or MATH 150/160	5	BIOL 120 or MATH 150/160	5
ENGL 102	3	CHEM 112	5
MATH 112	2	Humanities Elective	3
HIST 106 or PLSC 103	3	SPCH 101	3
Humanities Elective	3	<b>TOTAL</b>	<b>16</b>
<b>TOTAL</b>	<b>16</b>		