



## Undergraduate Degree Map for Completion in Four Years

<b>College:</b>	College of Science, Engineering & Technology <input type="button" value="v"/>
<b>Department:</b>	Biological Sciences <input type="button" value="v"/>
<b>Name of Program:</b>	BIOL: BIOMEDICAL SCIENCES <input type="button" value="v"/>
<b>Degree Designation:</b>	BS <input type="button" value="v"/>
<b>Emphasis/Concentration:</b>	BIOL: BIOMEDICAL SCIENCES <input type="button" value="v"/>
<b>Option:</b>	<input type="text"/>
<b>Version:</b>	1 <input type="button" value="v"/>
<b>Version Explanation:</b>	<input type="text"/>
<b>Type of Program:</b>	Broad Major <input type="button" value="v"/>
<b>Minor Required:</b>	No <input type="button" value="v"/>
<b>Specific Minor (if required):</b>	<input type="text"/>

<b>Program Description:</b>	The program prepares the student for a career in biomedicine, and satisfies the requirements for most medical, osteopathic, dental, and chiropractic schools.
<b>Admission Requirements:</b>	32 earned semester hours including BIOL 105, BIOL 106, BIOL 211, and CHEM 201 with a grade of "C" or better; completed General Education Goal Area 4 (Mathematics); completed General Education Goal Area 1, Part A (English Composition); and a minimum cumulative GPA of 2.2, with a cumulative GPA in Biology courses of 2.0.
<b>Advising:</b>	You are expected to meet with your advisor on a regular basis to ensure courses are taken in an order that will lead to successful completion of the degree. Each student must meet with an advisor each semester. Following the meeting the student will be given an access code which allows the student to register for classes.
A complete listing of program faculty, policies, and course descriptions is available in the undergraduate bulletin.	

### TERM 1 - FALL

Designator:	Course:	Course Name:	Credits:	Milestones:
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Completion of $\geq$ 15 credit hours

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Completion of $\geq$ 15 credit hours
BIOL	105	General Biology I	4	C or better is required
MATH	112	College Algebra	4	
ENG	101	Composition	4	
		General Education Elective	3	

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**Term 1 Notes:**

General Education Categories 1A, 2, 3, and 4, will be filled by the major's required courses.

### TERM 2 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Completion of $\geq$ 30 credit hours Advance to Sophomore status
BIOL	106	General Biology II	4	C or better is required
MATH	113	Trigonometry	3	
ENG	271W	Technical Communication	4	
CHEM	201	General Chemistry I	5	C or better is required

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**Term 2 Notes:**

### TERM 3 - FALL

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67%
BIOL	211	Genetics	4	C or better is required
CHEM	202	General Chemistry II	5	
PHYS	211	Principles of Physics I	4	
		General Education Course	1	

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**Term 3 Notes:**

A minimum 2.2 GPA is needed, and a 2.0 GPA in Biology courses to apply for admission to the program.

### TERM 4 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Completion of $\geq$ 60 credit hours Advance to Junior status

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Completion of $\geq$ 60 credit hours Advance to Junior status
BIOL	220	Anatomy	4	
CHEM	305	Analytical Chemistry	4	
PHYS	212	Principles of Physics II	4	
		General Education Writing Intensive Course	3	

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**Term 4 Notes:**

May apply to the major at the end of this term if overall GPA is 2.2 or better, and Biology GPA is 2.0 or better.

### TERM 5 - FALL

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Apply for Graduation
BIOL	330	Principles of Human Physiology	4	
CHEM	322	Organic Chemistry I	4	
CHEM	323	Supplemental Organic Chemistry	1	
---	---	Choose one:	---	
HLTH	475	Biostatistics	3	
MATH	121	Calculus I	4	
MATH	154	Concepts of Probability & Statistics	3	
		General Education Course	2-3	

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**Term 5 Notes:**

40 credits of upper division courses (including biology courses) are needed for graduation.

### TERM 6 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67% Completion of $\geq$ 90 credit hours Advance to Senior status
BIOL	270	Microbiology	4	
BIOL	320	Cell Biology	4	
---	---	Choose four credits:	---	
CHEM	360	Principles of Biochemistry OR	4	
CHEM	460	Biochemistry I AND	3	
CHEM	465	Biochemical Techniques I	1	
		General Education Course	3	

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**Term 6 Notes:**

Apply for graduation one year prior to your expected graduation date.

### TERM 7 - FALL

Designator:	Course:	Course Name:	Credits:	Milestones:
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67%
BIOL	424	Developmental Biology	3	
BIOL	425	Developmental Biology Lab (optional)	1	
BIOL		Unrestricted Elective in Biology with Lab	3-4	
		Gold or Purple Elective	3	
		General Education Course	2	
		Upper Division General Education Course	2-3	

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#### Term 7 Notes:

Be sure all General Education and Diversity Course requirements have been met.

### TERM 8 - SPRING

Designator:	Course:	Course Name:	Credits:	Milestones:
				Overall GPA $\geq$ 2.0 Course Completion Rate $\geq$ 67%
BIOL		Unrestricted elective in BIOL	3-4	
BIOL		Unrestricted elective in BIOL	3	
		Purple Elective Course	3	
		General Education Course	3	
		Upper Division General Education Course	2-3	

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#### Term 8 Notes:

### PROGRAM NOTES

Some semesters have 16 credit hours and some have 14 credit hours. Average is 15 credits per semester.

### DEGREE MAP CHECKLIST: GRADUATION REQUIREMENTS

<input type="checkbox"/>	1. Minimum of 15 credits per semester
<input checked="" type="checkbox"/>	2. General Education = 44 credits
<input checked="" type="checkbox"/>	3. Diverse Cultures = 2 course (6 credits minimum) from two disciplines
<input checked="" type="checkbox"/>	4. Writing Intensive = 2 courses (6 credits minimum)

<input checked="" type="checkbox"/>	5. Major = <input type="text" value="90"/> credits
<input checked="" type="checkbox"/>	6. Upper-Division Requirements = 40 credits minimum
<input type="checkbox"/>	7. Professional Education (if required) = 30 credits
<input type="checkbox"/>	8. Language Requirements (if BA) = 8 credits minimum
<input type="checkbox"/>	9. Minor = <input type="text"/> credits
<input checked="" type="checkbox"/>	10. Total credits required for degree <input type="text" value="120"/>

#### DEGREE MAP COMPLETE

<input checked="" type="checkbox"/>	<p>Map is complete and ready for review</p> <ol style="list-style-type: none"> <li>1. Faculty please send an email to your Department Chair when map is ready to review.</li> <li>2. Department Chair please send an email to your Dean when map is ready to review.</li> <li>3. Dean please send an email to the Assistant Vice President for Undergraduate Studies when map is ready to review.</li> </ol>
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#### DEAN APPROVAL

<input checked="" type="checkbox"/>	Map reviewed and approved by Dean
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Save and Close