

# BIOLOGY, BACHELOR OF SCIENCE (BS) - CONCENTRATION IN MEDICAL TECHNOLOGY

## Recommended Four-Year Plan

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
ENGL 102	Critical Writing	3
BIOL 104	Principles of Biology with Lab	4
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
SUBJ 139	University Seminar <sup>1</sup>	3
INDS 101	FIRST Seminar *	1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 104	Critical Reading	3
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
BIOL 216	Anatomy and Physiology I with Lab	3
BIOL 250	Genetics with Lab	4
<b>Hours</b>		<b>14</b>
<b>Second Year</b>		
<b>Fall</b>		
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
BIOL 210	Medical Microbiology with Lab	3
CHEM 201	Organic Chemistry I	3
CHEM 211	Organic Chemistry Laboratory I	1
BIOL 217	Anatomy and Physiology II with Lab	3
Creative & Aesthetic Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Declare a Thematic Thread <sup>2</sup>		
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 335	Cell Biology/Lab	3
CHEM 202	Organic Chemistry II	3
CHEM 212	Organic Chemistry Laboratory II	1
STAT 152	Elementary Statistics I	3
Humanities Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Social Science Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<b>Hours</b>		<b>16</b>

### Third Year

#### Fall

MATH 225	Calculus I	4
CHEM 335	Biochemistry I	3
CHEM 336	Biochemistry Laboratory I	1
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<b>Hours</b>		<b>14</b>

#### Spring

Select two of the following:		2
BIOL 314	Medical Parasitology with Lab	
BIOL 315	Medical Mycology/Lab	
BIOL 319	Medical Virology with a Lab	
BIOL 316	Medical Immunology with Lab	1
BIOL 330	Microbiology/Lab	3
PHYS 211	General Physics I with Lab	4
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<b>Hours</b>		<b>16</b>

### Fourth Year

#### Fall

NSM 390	School of Medical Technology	16
<b>Hours</b>		<b>16</b>

#### Spring

NSM 390	School of Medical Technology	16
<b>Hours</b>		<b>16</b>

**Total Hours\*\* 123**

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject.

<sup>2</sup> Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year. Click [here](#) to declare a thread.

\* Students are encouraged to take INDS 101 as a Free Elective.

Major Code: 6108

Concentration Code: MEDT

Revised date: 07.15.2021

\*\* This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.