

# Microbiology

## Department Information

- **Department Location:**  
Van Es Hall
- **Department Phone:**  
701-231-7512
- **Department Web Site:**  
[www.ndsu.edu/microbiology/](http://www.ndsu.edu/microbiology/) (<http://www.ndsu.edu/microbiology/>)
- **Credential Offered:**  
B.S.
- **Official Program Curriculum:**  
[bulletin.ndsu.edu/undergraduate/program-curriculum/microbiology/](http://bulletin.ndsu.edu/undergraduate/program-curriculum/microbiology/) (<http://bulletin.ndsu.edu/undergraduate/program-curriculum/microbiology/>)

## Sample Program Guide

Please note this is a sample program guide and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Once admitted, students are encouraged to work with their assigned academic advisor on a regular basis to review degree progress.

First Year			
Fall	Credits	Spring	Credits
MICR 189		1 BIOL 151	3
CHEM 121		3 BIOL 151L	1
CHEM 121L		1 CHEM 122	3
BIOL 150		3 CHEM 122L	1
BIOL 150L		1 ENGL 120	3
ENGL 110		3 Gen Ed Social and Behavioral/ Global Perspectives	3
MATH 105 <sup>MATH 107 or MATH 146 also acceptable</sup>		3 Gen Ed Wellness	2
		<b>15</b>	<b>16</b>
Second Year			
Fall	Credits	Spring	Credits
COMM 110		3 MICR 352	3
CHEM 341		3 MICR 352L	2
CHEM 341L		1 PLSC 315	3
STAT 330		3 PLSC 315L	1
MICR 350		3 CHEM 342	3
MICR 350L		2 MICR 452	3
		<b>15</b>	<b>15</b>
Third Year			
Fall	Credits	Spring	Credits
BIOC 460		3 BIOC 461	3
PHYS 211		3 PHYS 212	3
PHYS 211L		1 PHYS 212L	1
MICR 470		3 MICR 480	3
PHIL 111		3 Microbiology Elective	3

		Gen Ed Humanities and Fine Arts/ Cultural Diversity	3
		<b>13</b>	<b>16</b>
<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
ENGL 324 or 325		3 MICR 486 or HON 489	2
MICR 482		3 Microbiology Elective	3
MICR 475		3 Microbiology Elective	3
MICR 485 or HON 491		1 Free Elective	6
Microbiology Elective		3	
Gen Ed Social & Behavioral Sciences		3	
		<b>16</b>	<b>14</b>
<b>Total Credits: 120</b>			