

# Bachelor of Science Degree in Microbiology, College of Science

*University Core Curriculum Requirements*..... 39

*College of Science Academic Requirements*..... 6

Supportive skills coursework consisting of a minimum of six semester

hours selected from: CS 200b or 201 or 202; ENGL 290, 291, 491;

MATH 282 or PLB 360 or ZOOL 360; any two-semester sequence

of one of the following foreign languages: 200-level French, German,

Japanese, Russian or Spanish.

*Requirements for Major in Microbiology*..... 63

Biology 211<sup>1</sup>, 212..... (3)<sup>1</sup> + 5

Microbiology 301, 302, 403, 460, 480, 481 and 495..... 22<sup>2</sup>

Microbiology electives..... 12

Senior level work consisting of lecture courses selected from:

421, 423, 425, 441, 453, 454, 470, 477

Chemistry 200<sup>1</sup>, 201, 202, 210, 211, 212, 340, 341 and 442..... (3)<sup>1</sup> + 15

Mathematics 141 or 150..... (3)<sup>1</sup> + 1

Physics 203a,b and 253a,b..... 8<sup>2</sup>

*Electives*..... 12

*Total* ..... 120

<sup>1</sup>These courses satisfy the University Core Curriculum requirements for science (required Core hours listed in parentheses).

<sup>2</sup>These courses satisfy the College of Science requirements for biological sciences, physical sciences and mathematics.

## Microbiology Suggested Curricular Guide

FIRST YEAR	FALL	SPRING	SECOND YEAR	FALL	SPRING
BIOL 212, 211. ....	4	4	CHEM 340, 341, Humanities. ....	5	3
CHEM 200, 201. ....	5	-	CS 201, MATH 141. ....	3	4
CHEM 210, 211. ....	-	5	MICR 301, 302.....	4	3
UCOL 101, ENGL 101. ....	1	3	CMST 101, CHEM 442.....	3	3
MATH 108, 109. ....	3	3	ENGL 102.....	-	3
<i>Total</i> .....	13	15	<i>Total</i> .....	15	16

THIRD YEAR	FALL	SPRING	FOURTH YEAR	FALL	SPRING
Human Hlth, Fine Arts. ....	2	3	MICR 421, 423, 425, 454 (select two). 6	-	
Humanities, MATH 282. ....	3	3	MICR 441, 453, 470, 477 (select two). -	6	
MICR 460, 403.....	3	3	MICR 495.....	-	1
PHYS 203a, 253a.....	4	-	MICR 480, 481.....	4	4
PHYS 203b, 253b.....	-	4	Multicultural .....	3	-
Social Science. ....	3	3	Elective.....	3	3
<i>Total</i> .....	15	16	<i>Total</i> .....	16	14