

Microbiology Major

B.S. Sample Program Plans

Math Placement is ARC 35 (for students starting prior to 2016 Fall)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
Year One	ARC 35 (0) ENGL 1A (4) Breadth (4) Breadth (4)	MATH 8A (5) ENGL 1B (4) Breadth (4)	MATH 8B (5) Breadth (4) Breadth (4)	CHEM 1A, 1LA (5) CHEM 1B, 1LB (5)
Year Two	CHEM 1C, 1LC (5) BIOL 5A, 5LA (5) MATH 9B (4)	CHEM 112A (4) BIOL 5B (4) Breadth (4) Elective (4)	CHEM 112B (4) BIOL 5C (4) PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
Year Three	CHEM 112C (4) BIOL 102 (4) BCH 100 (4)	MCBL 121 (4) BIOL 107A (4) STAT 100A (5)	MCBL 121L (3) UD Major Elective (4) UD Major Elective (3) Elective (4)	
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) Elective (4)	MCBL 125 (4) "Other" Requirement (4) "Other" Requirement (4)	



Math Placement is ARC 35 (for students starting 2016 Fall and beyond)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
Year One	ARC 35 (0) ENGL 1A (4) Breadth (4) Breadth (4)	MATH 6A (4) ENGL 1B (4) Breadth (4) Breadth (4)	MATH 6B (4) Breadth (4) Breadth (4)	CHEM 1A, 1LA (5) CHEM 1B, 1LB (5)
Year Two	CHEM 1C, 1LC (5) BIOL 5A, 5LA (5) MATH 9A (4)	CHEM 112A (4) BIOL 5B (4) MATH 9B (4) Elective (4)	CHEM 112B (4) BIOL 5C (4) PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
Year Three	CHEM 112C (4) BIOL 102 (4) BCH 100 (4)	MCBL 121 (4) BIOL 107A (4) STAT 100A (5)	MCBL 121L (3) UD Major Elective (4) UD Major Elective (3) Elective (4)	
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) *Elective (2-4)	MCBL 125 (4) "Other" Requirement (4) "Other" Requirement (4)	

Math Placement is 8A (for students starting prior to 2016 Fall)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Year One	MATH 8A (5) ENGL 1A (4) Breadth (4)	MATH 8B (5) CHEM 1A, 1LA (5) ENGL 1B (4) Breadth (4)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) Breadth (4)
Year Two	CHEM 1C, 1LC (5) BIOL 5B (4) PHYS 2A, 2LA (5)	CHEM 112A (4) BIOL 5C (4) PHYS 2B, 2LB (5)	CHEM 112B (4) Breadth (4) PHYS 2C, 2LC (5)
Year Three	BIOL 102 (4) BCH 100 (4) CHEM 112C (4) Breadth (4)	MCBL 121 (4) BIOL 107A (4) STAT 100A (5)	MCBL 121L (3) UD Major Elective (4) UD Major Elective (4) Breadth (5)
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4) Elective (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) Elective (4)	MCBL 125 (4) "Other" Requirement (4) "Other" Requirement (4) *Elective (2-4)

**Must have at least 180 units at graduation*

Math Placement is 6A (for students starting 2016 Fall and beyond)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
Year One	MATH 6A (4) ENGL 1A (4) Breadth (4)	MATH 6B (4) CHEM 1A, 1LA (5) ENGL 1B (4) Breadth (4)	MATH 9A (4) CHEM 1B, 1LB (5) BIOL 5A/5LA (5)	
Year Two	CHEM 1C, 1LC (5) BIOL 5B (4) MATH 9B (4)	CHEM 112A (4) BIOL 5C (4) Breadth (4)	CHEM 112B (4) PHYS 2A, 2LA (5) Breadth (4)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
Year Three	BIOL 102 (4) BCH 100 (4) CHEM 112C (4)	MCBL 121 (4) BIOL 107A (4) STAT 100A (5)	MCBL 121L (3) UD Major Elective (4) UD Major Elective (4) Elective (4)	
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4) Breadth (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) *Breadth (4-5)	MCBL 125 (4) "Other" Requirement (4) "Other" Requirement (4) *Elective (4-5)	

Math Placement is 5

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Year One	MATH 5 (4) ENGL 1A (4) Breadth (4)	MATH 9A (4) CHEM 1A, 1LA (5) ENGL 1B (4) Breadth (4)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) Breadth (4)
Year Two	CHEM 1C, 1LC (5) BIOL 5B (4) PHYS 2A, 2LA (5)	CHEM 112A (4) BIOL 5C (4) PHYS 2B, 2LB (5)	CHEM 112B (4) Breadth (4) PHYS 2C, 2LC (5)
Year Three	BIOL 102 (4) BCH 100 (4) CHEM 112C (4) Breadth (4)	MCBL 121 (4) BIOL 107A (4) STAT 100A (5)	MCBL 121L (3) UD Major Elective (4) UD Major Elective (4) Breadth (5)
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4) Elective (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) Elective (4)	MCBL 125 (4) "Other" Requirement (4) "Other" Requirement (4) Elective (4)

**Must have at least 180 units at graduation*

Math Placement is 8B (for students starting prior to 2016 Fall)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Year One	MATH 8B (5) ENGL 1A (4) CHEM 1A, 1LA (5)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) ENGL 1B (4)	CHEM 1C, 1LC (5) BIOL 5B (4) Breadth (4) Breadth (4)
Year Two	CHEM 112A (4) BIOL 5C (4) PHYS 2A, 2LA (5)	CHEM 112B (4) PHYS 2B, 2LB (5) Breadth (4) Breadth (4)	CHEM 112C (4) PHYS 2C, 2LC (5) STAT 100A (5)
Year Three	BIOL 102 (4) BCH 100 (4) Breadth (4) Breadth (4)	MCBL 121 (4) BIOL 107A (4) UD Major Elective (4)	MCBL 121L (3) UD Major Elective (4) "Other" Requirement (4) Elective (4)
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) Elective (4)	MCBL 125 (4) "Other" Requirement (4) Elective (4) Elective (4)

Math Placement is 9A

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Year One	MATH 9A (4) ENGL 1A (4) CHEM 1A, 1LA (5)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) ENGL 1B (4)	CHEM 1C, 1LC (5) BIOL 5B (4) Breadth (4) Breadth (4)
Year Two	CHEM 112A (4) BIOL 5C (4) PHYS 2A, 2LA (5)	CHEM 112B (4) PHYS 2B, 2LB (5) Breadth (4) Breadth (4)	CHEM 112C (4) PHYS 2C, 2LC (5) STAT 100A (5)
Year Three	BIOL 102 (4) BCH 100 (4) Breadth (4) Breadth (4)	MCBL 121 (4) BIOL 107A (4) UD Major Elective (4)	MCBL 121L (3) UD Major Elective (4) "Other" Requirement (4) Elective (4)
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) *Elective (4-5)	MCBL 125 (4) "Other" Requirement (4) Elective (4) *Elective (4-5)

**Must have at least 180 units at graduation*

**Math Placement is 9B or Higher

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Year One	MATH 9B or higher (4) ENGL 1A (4) CHEM 1A, 1LA (5)	ENGL 1B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5)	CHEM 1C, 1LC (5) BIOL 5B (4) Breadth (4) Breadth (4)
Year Two	CHEM 112A (4) BIOL 5C (4) PHYS 2A, 2LA (5)	CHEM 112B (4) PHYS 2B, 2LB (5) Breadth (4) Breadth (4)	CHEM 112C (4) PHYS 2C, 2LC (5) STAT 100A (5)
Year Three	BIOL 102 (4) BCH 100 (4) Breadth (4) Breadth (4)	MCBL 121 (4) BIOL 107A (4) UD Major Elective (4)	MCBL 121L (3) UD Major Elective (4) "Other" Requirement (4) Elective (4)
Year Four	UD Major Elective (4) UD Major Elective (4) "Other" Requirement (4)	UD Major Elective (4) "Other" Requirement (4) ENGL 1C (4) Elective (5)	MCBL 125 (4) "Other" Requirement (4) Elective (4) Elective (4)

***Assumes at least 4 units of MATH transfer credit*