

Microbiology

B.A. Sample Program Plans

All course plans assume student has no AP/IB or transfer units and ENGL1A placement

Updated 12/2024

Math Placement Math 3

	Fall	Winter	Spring	Summer
Year One	Math 3 (3)	MATH 6A (4)	MATH 6B (4)	CHEM 1B, 1LB (5)
	ENGL 1A (4)	ENGL 1B (4)	ENGL 1C (4)	BIOL 5B (4)
	Breadth (4)	Breadth (4)	CHEM 1A, 1LA (5)	
	Breadth (4)	Breadth (4)	BIOL 5A, 5LA (5)	9
	Units 15	16	18	(58)
Year Two	CHEM 1C, 1LC (5)	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	PHYS 2B, 2LB (5)
	BIOL 5C (4)	Breadth (4)	Breadth (4)	PHYS 2C, 2LC (5)
	MATH 7A (4)	MATH 7B (4)	PHYS 2A, 2LA (5)	
	Units 13	12	13	(48)
Year Three	CHEM 8C, 8LC (4)	BIOL 102 (4)	BIOL 107A (4)	
	BCH 100 (4)	STAT 10 (5)	Major Elective (4)	
	Major Elective (3)	Foreign Language (4)	Foreign Language (4)	
	Breadth (4)			
	Units 15	13	12	(40)
Year Four	MCBL 131 (4)	MCBL 131L (4)	MCBL 125 (4)	
	Major Elective (4)	Major Elective (3)	Major Elective (4)	
	Breadth (4)	Breadth (4)	Breadth (4)	
	Foreign Language (4)	Foreign Language (4)		
	Units 16	15	12	(43) 189 total

Math Placement is MATH 6A

	Fall	Winter	Spring	Summer
Year One	MATH 6A (4)	MATH 6B (4)	MATH 7A (4)	CHEM 1C, 1LC (5)
	ENGL 1A (4)	CHEM 1A, 1LA (5)	CHEM 1B, 1LB (5)	Breadth (4)
	Breadth (4)	ENGL 1B (4)	BIOL 5A, 5LA (5)	9
	Breadth (4)	Breadth (4)	ENGL 1C (4)	
	Units 16	17	18	(60)
Year Two	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
	BIOL 5B (4)	BIOL 5C (4)	PHYS 2A, 2LA (5)	
	MATH 7B (4)	STAT 10 (5)	BCH 100 (4)	
	Units 12	13	13	(38)
Year Three	BIOL 107A (4)	BIOL 102 (4)	MCBL 125 (4)	
	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	Major Elective (3)	
	MCBL 131 (4)	MCBL 131L (4)	Breadth (4)	
			Foreign Language (4)	
	Units 13	13	15	(41)
Year Four	Major Elective (4)	Major Elective (4)	Major Elective (4)	
	Major Elective (3)	Foreign Language (4)	Breadth (4)	
	Breadth (4)	Breadth (4)	Breadth (4)	
	Foreign Language (4)	Breadth (4)	Foreign Language (4)	(47)
	Units 15	16	16	186 total

Math Placement is MATH 5A*

Year One

Fall	Winter	Spring	Summer
MATH 5A* (5)	MATH 7A (4)	MATH 7B (4)	CHEM 1C, 1LC (5)
ENGL 1A (4)	CHEM 1A, 1LA (5)	CHEM 1B, 1LB (5)	Breadth (4)
Breadth (4)	BIOL 5A/5LA (5)	BIOL 5B (4)	9
Breadth (4)			
<i>Units 17</i>	<i>14</i>	<i>13</i>	<i>(53)</i>

Year Two

CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
BIOL 5C (4)	STAT 10 (5)	PHYS 2C, 2LC (5)	
PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	BCH 100 (4)	
<i>Units 13</i>	<i>14</i>	<i>13</i>	<i>(40)</i>

Year Three

BIOL 107A (4)	BIOL 102 (4)	MCBL 125 (4)	
MCBL 131(4)	MCBL 131L (4)	Major Elective (3)	
ENGL 1B (4)	Foreign Language (4)	Breadth (4)	
Breadth (4)		Foreign Language (4)	
<i>Units 16</i>	<i>12</i>	<i>15</i>	<i>(43)</i>

Year Four

Major Elective (3)	Major Elective (4)	Major Electiv (4))	
ENGL 1C (4)	Major Elective (4)	Breadth (4)	
Breadth (4)	Foreign Language (4)	Breadth (4)	
Foreign Language (4)	Breadth (4)	Breadth (4)	
<i>Units 15</i>	<i>16</i>	<i>16</i>	<i>(47) 183 total</i>

Math Placement is MATH 7A

Year One

Fall	Winter	Spring	Summer
MATH 7A (4)	MATH 7B (4)	CHEM 1C, 1LC (5)	
CHEM 1A, 1LA (5)	CHEM 1B, 1LB (5)	BIOL 5B (4)	
ENGL 1A (4)	BIOL 5A, 5LA (5)	ENGL 1C (4)	
Breadth (4)	ENGL 1B (4)	Breadth (4)	
<i>Units 17</i>	<i>18</i>	<i>17</i>	<i>(52)</i>

Year Two

CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	
BIOL 5C (4)	STAT 10 (5)	BCH 100 (4)	
<i>Units 13</i>	<i>14</i>	<i>13</i>	<i>(40)</i>

Year Three

MCBL 131 (4)	BIOL 102 (4)	MCBL 125 (4)	
BIOL 107A (4)	MCBL 131L (4)	Major Elective (4)	
Breadth (4)	Breadth (4)	Breadth (4)	
Foreign Language (4)	Foreign Language (4)	Foreign Language (4)	
<i>Units 16</i>	<i>16</i>	<i>16</i>	<i>(48)</i>

Year Four

Major Elective (4)	Major Elective (4)	Major Elective (4)	
Major Elective (4)	Breadth (4)	Breadth (4)	
Breadth (4)	Breadth (4)	Breadth (4)	
Foreign Language (4)			
<i>Units 16</i>	<i>12</i>	<i>12</i>	<i>(40) 180 total</i>

Math Placement is MATH 7B or Higher

	Fall	Winter	Spring	Summer
<u>Year One</u>	MATH 7B (4)	CHEM 1B, 1LB (5)	CHEM 1C, 1LC (5)	
	CHEM 1A, 1LA (5)	BIOL 5A, 5LA (5)	BIOL 5B (4)	
	ENGL 1A (4)	ENGL 1B (4)	ENGL 1C (4)	
	Breadth (4)	Breadth (4)	Breadth (4)	
	<i>Units 17</i>	<i>18</i>	<i>17</i>	<i>(52)</i>
<u>Year Two</u>	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
	PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	
	BIOL 5C (4)	STAT 10 (5)	BCH 100 (4)	
	<i>Units 13</i>	<i>14</i>	<i>13</i>	<i>(40)</i>
<u>Year Three</u>	MCBL 131 (4)	MCBL 131L (4)	Major Elective (4)	
	BIOL 107A (4)	BIOL 102 (4)	MCBL 125 (4)	
	Breadth (4)	Breadth (4)	Breadth (4)	
	Foreign Language (4)	Foreign Language (4)	Foreign Language (4)	
	<i>Units 16</i>	<i>16</i>	<i>16</i>	<i>(48)</i>
<u>Year Four</u>	Major Elective (4)	Major Elective (4)	Major Elective (4)	
	Major Elective (4)	Breadth (4)	Breadth (4)	
	Breadth (4)	Breadth (4)	Breadth or Elective (4)	
	Foreign Language (4)			
	<i>Units 16</i>	<i>12</i>	<i>12</i>	<i>(40)180 total</i>

**MATH5 if taken before Fall 2022*