

Microbiology

B.A. Sample Program Plans

All course plans assume student has no AP, IB or transfer units and ENGL1A placement
Updated 12/2022

Math Placement is Intermediate Algebra (ARC 35)

	Fall	Winter	Spring	Summer
Year One	ARC 035 (0)	MATH 6A (4)	MATH 6B (4)	CHEM 1A, 1LA (5)
	ENGL 1A (4)	ENGL 1B (4)	ENGL 1C (4)	CHEM 1B, 1LB (5)
	Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	10
	Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
	Units 12	16	16	(54)
Year Two	CHEM 1C, 1LC (5)	CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	
	BIOL 5A, 5LA (5)	BIOL 5B (4)	BIOL 5C (4)	
	MATH 7A (4)	MATH 7B (4)	PHYS 2A, 2LA(5)	
	Units 14	12	13	(39)
Year Three	CHEM 8C, 8LC (4)	BIOL 102 (4)	BIOL 107A (4)	
	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	MCBL 121 (4)	
	BCH 100 (4)	STAT 10 (5)	Major Elective (3)	
		Foreign Language (4)	Foreign Language (4)	
	Units 13	18	15	(46)
Year Four	MCBL 121L (3)	Major Elective (3)	MCBL 125 (4)	
	Major Elective (4)	Major Elective (4)	Major Elective (4)	
	Breadth or Elective (3)	Breadth or Elective (4)	Breadth or Elective (4)	
	Foreign Language (4)	Foreign Language (4)	Breadth or Elective (4)	
	Units 14	15	16	(45) 184 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 or Elective (4)
	Breadth or Elective (4)	ENGL 1B (4)	BIOL 5A, 5LA (5)	9
	Breadth or Elective (4)	Breadth or Elective (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)	Breadth or Elective (4)	
	Units 12	13	13	(38)
Year Three	BCH 100 (4)	BIOL 102 (4)	BIOL 107A (4)	
	PHYS 2B, 2LB (5)	PHYS 2C, 2LC (5)	MCBL 121 (4)	
	Foreign Language (4)	Foreign Language (4)	Breadth or Elective (4)	
			Foreign Language (4)	
	Units 13	13	16	(42)
Year Four	MCBL 121L (3)	Major Elective (3)	MCBL 125 (4)	
	Major Elective (4)	Major Elective (4)	Major Elective (4)	
	Major Elective (3)	Breadth or Elective (4)	Breadth or Elective (4)	
	Foreign Language (4)	Breadth or Elective (4)		
	Units 14	15	12	1) 181 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 or Elective (4)
Breadth or Elective (4)	ENGL 1B (4)	BIOL 5A, 5LA (5)	9
Breadth or Elective (4)		ENGL 1C (4)	
<i>Units 17</i>	<i>13</i>	<i>18</i>	<i>(57)</i>

Year Two

CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4)	CHEM 8C, 8LC (4)	
BIOL 5B (4)	BIOL 5C (4)	PHYS 2C, 2LC (5)	
PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5)	Breadth or Elective (4)	
<i>Units 13</i>	<i>13</i>	<i>13</i>	<i>(39)</i>

Year Three

BCH 100 (4)	BIOL 102 (4)	BIOL 107A (4)	
STAT 10 (5)	MCBL 121 (4)	MCBL 121L (3)	
Foreign Language (4)	Foreign Language (4)	Breadth or Elective (4)	
		Foreign Language (4)	
<i>Units 13</i>	<i>12</i>	<i>15</i>	<i>(40)</i>

Year Four

Major Elective (4)	Major Elective (3)	MCBL 125 (4)	
Major Elective (3)	Major Elective (4)	Major Elective (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
Foreign Language (4)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 15</i>	<i>15</i>	<i>16</i>	<i>(42) 182 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 or Elective (4)	ENGL 1B (4)	Breadth or Elective (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)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 13</i>	<i>13</i>	<i>13</i>	<i>(39)</i>

Year Three

BCH 100 (4)	BIOL 102 (4)	MCBL 121L (3)	
STAT 10 (5)	MCBL 121 (4)	BIOL 107A (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
Foreign Language (4)	Foreign Language (4)	Foreign Language (4)	
<i>Units 17</i>	<i>16</i>	<i>15</i>	<i>(48)</i>

Year Four

Major Elective (4)	Major Elective (4)	MCBL 125 (4)	
Major Elective (3)	Major Elective (3)	Breadth or Elective (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Major Elective (4)	
Foreign Language (4)	Breadth or Elective (4)		
<i>Units 15</i>	<i>14</i>	<i>12</i>	<i>(42) 181 total</i>

Math Placement is MATH 7B or Higher

Year One

Fall	Winter	Spring	Summer
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 or Elective (4)	Breadth or Elective (4)	Breadth or Elective (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)	Breadth or Elective (4)	Breadth or Elective (4)	
<i>Units 13</i>	<i>14</i>	<i>13</i>	<i>(40)</i>

Year Three

BCH 100 (4)	BIOL 107A (4)	MCBL 121L (3)	
STAT 10 (5)	MCBL 121 (4)	BIOL 102 (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
Foreign Language (4)	Foreign Language (4)	Foreign Language (4)	
<i>Units 16</i>	<i>16</i>	<i>15</i>	<i>(47)</i>

Year Four

Major Elective (4)	Major Elective (4)	MCBL 125 (4)	
Major Elective (3)	Major Elective (3)	Major Elective (4)	
Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
Foreign Language (4)	Breadth or Elective (4)		
<i>Units 15</i>	<i>14</i>	<i>12</i>	<i>(42) 181 total</i>

**MATH5 if taken before Fall 2022*