

# Biology Major

## Sample 4 Year Bachelor of Science Course Plans

Summer session is optional. The sample course plans below show course loads in order to complete this degree within 4 years. All sample plans do not include earned AP/IB/college units from an outside institution.

**Students are still strongly encouraged to consult their academic advisor for a customized and detailed course plan.**

MATH PLACEMENT: ARC 35							
	Fall		Winter		Spring		Summer
<b>Year One</b>	ARC 35	(0)	MATH 6A	(4)	MATH 6B	(4)	CHEM 1A, 1LA (5)
	ENGL 1A	(4)	ENGL 1B	(4)	Breadth	(4)	CHEM 1B, 1LB (5)
	Breadth	(4)	Breadth	(4)	Breadth	(4)	
<b>Total Units: 46</b>	Breadth	(4)					
<i>Units per Quarter</i>	<b>12</b>		<b>12</b>		<b>12</b>		<b>10</b>
<b>Year Two</b>	CHEM 1C, 1LC	(5)	CHEM 8A, 8LA	(4)	CHEM 8B, 8LB	(4)	PHYS 2B, 2LB (5)
	BIOL 5A, 5LA or 20	(5/6)	BIOL 5B	(4)	BIOL 5C	(4)	PHYS 2C, 2LC (5)
	MATH 7A	(4)	MATH 7B	(4)	PHYS 2A, 2LA	(5)	
<b>Total Units: 49</b>							
<i>Units per Quarter</i>	<b>14/15</b>		<b>12</b>		<b>13</b>		<b>10</b>
<b>Year Three</b>	CHEM 8C, 8LC	(4)	BCH 100	(4)	UD Major Elective	(4)	
	BIOL 102	(4)	UD Major Elective	(4)	UD Major Elective	(4)	
	STAT 010	(5)	Breadth	(4)	Breadth	(4)	
<b>Total Units: 37</b>							
<i>Units per Quarter</i>	<b>13</b>		<b>12</b>		<b>12</b>		
<b>Year Four</b>	UD Major Elective	(4)	UD Major Elective	(4)	UD Major Elective	(4)	
	UD Major Elective	(4)	UD/Related	(4)	UD/Related	(4)	
	UD/Related	(4)	ENGL 1C	(4)	Elective	(4)	
	Elective	(4)	Elective	(4)	Elective	(4)	
<b>Total Units: 48</b>							
<i>Units per Quarter</i>	<b>16</b>		<b>16</b>		<b>16</b>		
<b>Total Degree Units:</b>	<b>180/181</b>						

MATH PLACEMENT: 6A							
	Fall		Winter		Spring		Summer
<b>Year One</b>	MATH 6A	(4)	MATH 6B	(4)	MATH 7A	(4)	CHEM 1C, 1LC (5)
	ENGL 1A	(4)	ENGL 1B	(4)	CHEM 1B, 1LB	(5)	Breadth (4)
	Breadth	(4)	CHEM 1A, 1LA	(5)	BIOL 5A, 5LA or 20	(5/6)	
<b>Total Units: 52</b>	Breadth	(4)					
<i>Units per Quarter</i>	<b>16</b>		<b>13</b>		<b>14/15</b>		<b>9</b>
<b>Year Two</b>	BIOL 5B	(4)	CHEM 8A, 8LA	(4)	CHEM 8B, 8LB	(4)	
	MATH 7B	(4)	BIOL 5C	(4)	PHYS 2C, 2LC	(5)	
	PHYS 2A, 2LA	(5)	PHYS 2B, 2LB	(5)	Breadth	(4)	
<b>Total Units: 43</b>					Breadth	(4)	
<i>Units per Quarter</i>	<b>13</b>		<b>13</b>		<b>17</b>		
<b>Year Three</b>	CHEM 8C, 8LC	(4)	BCH 100	(4)	UD Major Elective	(4)	
	BIOL 102	(4)	UD Major Elective	(4)	UD Major Elective	(4)	
	STAT 010	(5)	Breadth	(4)	UD/Related	(4)	
<b>Total Units: 39</b>			Elective	(2)			
<i>Units per Quarter</i>	<b>13</b>		<b>14</b>		<b>12</b>		
<b>Year Four</b>	UD Major Elective	(4)	UD Major Elective	(4)	UD Major Elective	(4)	
	UD Major Elective	(4)	ENGL 1C	(4)	UD/Related	(4)	
	UD/Related	(4)	Breadth	(4)	Elective	(4)	
	Elective	(4)	Elective	(2)	Elective	(4)	
<b>Total Units: 46</b>							
<i>Units per Quarter</i>	<b>16</b>		<b>14</b>		<b>16</b>		
<b>Total Degree Units:</b>	<b>180/181</b>						

\*\*The following courses are also acceptable: MATH 9A and MATH 9B if taken prior to FALL 2017; STAT100A if taken prior to FALL 2021\*\*

# Biology Major

## Sample 4 Year Bachelor of Science Course Plans

Students are strongly encouraged to consult their academic advisor for a customized and detailed course plan.

MATH PLACEMENT: 5A						
	Fall		Winter		Spring	
<b>Year One</b>	MATH 5A	(5)	MATH 7A	(4)	MATH 7B	(4)
	ENGL 1A	(4)	ENGL 1B	(4)	CHEM 1B, 1LB	(5)
	Breadth	(4)	CHEM 1A, 1LA	(5)	BIOL 5A, 5LA or 20	(5/6)
<b>Total Units: 43</b>	Elective	(3)				
<i>Units per Quarter</i>		<b>16</b>		<b>13</b>		<b>14/15</b>
<b>Year Two</b>	CHEM 1C, 1LC	(5)	CHEM 8A, 8LA	(4)	CHEM 8B, 8LB	(4)
	BIOL 5B	(4)	BIOL 5C	(4)	PHYS 2C, 2LC	(5)
<b>Total Units: 41</b>	PHYS 2A, 2LA	(5)	PHYS 2B, 2LB	(5)	STAT 010	(5)
<i>Units per Quarter</i>		<b>14</b>		<b>13</b>		<b>14</b>
<b>Year Three</b>	CHEM 8C, 8LC	(4)	BCH 100	(4)	UD Major Elective	(4)
	BIOL 102	(4)	UD Major Elective	(4)	UD Major Elective	(4)
	Breadth	(4)	Breadth	(4)	UD/Related	(4)
<b>Total Units: 48</b>	Breadth	(4)	Elective	(4)	Elective	(4)
<i>Units per Quarter</i>		<b>16</b>		<b>16</b>		<b>16</b>
<b>Year Four</b>	UD Major Elective	(4)	ENGL 1C	(4)	UD Major Elective	(4)
	UD Major Elective	(4)	UD Major Elective	(4)	UD/Related	(4)
	Breadth	(4)	UD/Related	(4)	Elective	(4)
<b>Total Units: 48</b>	Breadth	(4)	Breadth	(4)	Elective	(4)
<i>Units per Quarter</i>		<b>16</b>		<b>16</b>		<b>16</b>
<b>Total Degree Units:</b>		<b>180/181</b>				

MATH PLACEMENT: 7A						
	Fall		Winter		Spring	
<b>Year One</b>	MATH 7A	(4)	MATH 7B	(4)	CHEM 1C, 1LC	(5)
	ENGL 1A	(4)	ENGL 1B	(4)	BIOL 5B	(4)
	CHEM 1A, 1LA	(5)	CHEM 1B, 1LB	(5)	Breadth	(4)
<b>Total Units: 48</b>			BIOL 5A, 5LA or 20	(5/6)	Breadth	(4)
<i>Units per Quarter</i>		<b>13</b>		<b>18/19</b>		<b>17</b>
<b>Year Two</b>	PHYS 2A, 2LA	(5)	PHYS 2B, 2LB	(5)	PHYS 2C, 2LC	(5)
	BIOL 5C	(4)	CHEM 8B, 8LB	(4)	CHEM 8C, 8LC	(4)
<b>Total Units: 43</b>	CHEM 8A, 8LA	(4)	Breadth	(4)	Breadth	(4)
<i>Units per Quarter</i>		<b>13</b>		<b>13</b>		<b>17</b>
<b>Year Three</b>	BIOL 102	(4)	UD Major Elective	(4)	UD Major Elective	(4)
	BCH 100	(4)	STAT 010	(5)	UD Major Elective	(4)
	Breadth	(4)	Breadth	(4)	UD/Related	(4)
<b>Total Units: 41</b>					Breadth	(4)
<i>Units per Quarter</i>		<b>12</b>		<b>13</b>		<b>16</b>
<b>Year Four</b>	UD Major Elective	(4)	UD Major Elective	(4)	UD Major Elective	(4)
	UD/Related	(4)	UD/ Related	(4)	UD Major Elective	(4)
	Elective	(4)	ENGL 1C	(4)	Elective	(4)
<b>Total Units: 48</b>	Elective	(4)	Elective	(4)	Elective	(4)
<i>Units per Quarter</i>		<b>16</b>		<b>16</b>		<b>16</b>
<b>Total Degree Units:</b>		<b>180/181</b>				

\*\*The following courses are also acceptable: MATH 9A and MATH 9B if taken prior to FALL 2017; STAT100A if taken prior to FALL 2021; MATH 5 if taken prior to FALL 2022\*\*

# Biology Major

Sample 4 Year Bachelor of Science Course Plans

Students are strongly encouraged to consult their academic advisor for a customized and detailed course plan.

MATH PLACEMENT: 7B					
	Fall		Winter		Spring
<b>Year One</b>	MATH 7B (4)		Elective (4)		CHEM 1C, 1LC (5)
	ENGL 1A (4)		ENGL 1B (4)		BIOL 5B (4)
	CHEM 1A, 1LA (5)		CHEM 1B, 1LB (5)		Breadth (4)
<b>Total Units: 48</b>			BIOL 5A, 5LA or 20 (5/6)		Breadth (4)
<i>Units per Quarter</i>	<b>13</b>		<b>18/19</b>		<b>17</b>
<b>Year Two</b>	PHYS 2A, 2LA (5)		PHYS 2B, 2LB (5)		PHYS 2C, 2LC (5)
	BIOL 5C (4)		CHEM 8B, 8LB (4)		CHEM 8C, 8LC (4)
	CHEM 8A, 8LA (4)		Breadth (4)		Breadth (4)
<b>Total Units: 43</b>					Elective (4)
<i>Units per Quarter</i>	<b>13</b>		<b>13</b>		<b>17</b>
<b>Year Three</b>	BIOL 102 (4)		UD Major Elective (4)		UD Major Elective (4)
	BCH 100 (4)		STAT 010 (5)		UD Major Elective (4)
	Breadth (4)		Breadth (4)		UD/Related (4)
<b>Total Units: 41</b>					Breadth (4)
<i>Units per Quarter</i>	<b>12</b>		<b>13</b>		<b>16</b>
<b>Year Four</b>	UD Major Elective (4)		UD Major Elective (4)		UD Major Elective (4)
	UD/Related (4)		UD/ Related (4)		UD Major Elective (4)
	Elective (4)		ENGL 1C (4)		Elective (4)
<b>Total Units: 48</b>	Elective (4)		Elective (4)		Elective (4)
<i>Units per Quarter</i>	<b>16</b>		<b>16</b>		<b>16</b>
<b>Total Degree Units:</b>	<b>180/181</b>				

\*\*The following courses are also acceptable: MATH 9A and MATH 9B if taken prior to FALL 2017; STAT100A if taken prior to FALL 2021\*\*