

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: MATH 3				
	Fall	Winter	Spring	Summer
Year One	MATH 3 (3) ENGL 1A (4) Breadth (4)	MATH 6LA (4) ENGL 1B (4) Breadth (4)	MATH 6B, 6LB (5) CHEM 1A, 1LA (5) Breadth (4)	CHEM 1B, 1LB (5) CHEM 1C, 1LC (5)
Total Units: 51	Breadth (4)			
<i>Units per Quarter</i>	15	12	14	10
Year Two	CHEM 8A, 8LA (4) BIOL 5A, 5LA or 20 (5/6) MATH 7A (4)	CHEM 8B, 8LB (4) BIOL 5B (4) MATH 7B (4)	CHEM 8C, 8LC (4) BIOL 5C (4) PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
Total Units: 48/49				
<i>Units per Quarter</i>	13/14	12	13	10
Year Three	BCH 100 (4) STAT 010 (5) Breadth (4)	BIOL 102 (4) UD Major Elective (4) Breadth (4)	UD Major Elective (4) UD Major Elective (4) Elective (4)	
Total Units: 37				
<i>Units per Quarter</i>	13	12	12	
Year Four	UD Major Elective (4) UD Major Elective (4) UD/Related (4) Elective (4)	UD Major Elective (4) UD/Related (4) ENGL 1C (4) Elective (4)	UD Major Elective (4) UD/Related (4) Elective (4) Elective (4)	
Total Units: 48				
<i>Units per Quarter</i>	16	16	16	
Total Degree Units:	184/185			

MATH PLACEMENT: 6A				
	Fall	Winter	Spring	Summer
Year One	MATH 6A (4) ENGL 1A (4) Breadth (4)	MATH 6B (4) ENGL 1B (4) CHEM 1A, 1LA (5)	MATH 7A (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA or 20 (5/6)	CHEM 1C, 1LC (5) Breadth (4)
Total Units: 52	Breadth (4)			
<i>Units per Quarter</i>	16	13	14/15	9
Year Two	BIOL 5B (4) MATH 7B (4) CHEM 8A, 8LA (4)	CHEM 8B, 8LB (4) BIOL 5C (4) Breadth (4)	CHEM 8C, 8LC (4) PHYS 2A, 2LA (5) Breadth (4)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
Total Units: 47				
<i>Units per Quarter</i>	12	12	13	10
Year Three	BCH 100 (4) STAT 010 (5) Elective (4)	BIOL 102 (4) UD Major Elective (4) Breadth (4)	UD Major Elective (4) UD Major Elective (4) UD/Related (4)	
Total Units: 37				
<i>Units per Quarter</i>	13	12	12	
Year Four	UD Major Elective (4) UD/Related (4) Elective (4) Elective (4)	UD Major Elective (4) UD Major Elective (4) ENGL 1C (4) Elective (4)	UD Major Elective (4) UD/Related (4) Elective (4)	
Total Units: 44				
<i>Units per Quarter</i>	16	16	12	
Total Degree Units:	180/181			

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. MATH placement scores may place students in **MATH 006A and MATH 06LA. Students would follow the MATH 006A Course Plan. Some students may be required to take MATH 06LB. Earned AP STAT credit or STAT credit earned from a CA CC may provide credit for STAT 010. Please consult your advisor to confirm & prior to enrolling in STAT 010. ** Revised: 06/03/2024

Biology Major

Sample 4 Year Bachelor of Science Course Plans

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MATH PLACEMENT: 5A						
	Fall		Winter		Spring	
Year One	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)
Total Units: 44	Elective	(3)				
<i>Units per Quarter</i>	16		13		14/15	
Year Two	CHEM 1C, 1LC	(5)	CHEM 8A, 8LA	(4)	CHEM 8B, 8LB	(4)
	BIOL 5B	(4)	BIOL 5C	(4)	PHYS 2C, 2LC	(5)
Total Units: 41	PHYS 2A, 2LA	(5)	PHYS 2B, 2LB	(5)	STAT 010	(5)
<i>Units per Quarter</i>	14		13		14	
Year Three	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)
Total Units: 48	Breadth	(4)	Elective	(4)	Elective	(4)
<i>Units per Quarter</i>	16		16		16	
Year Four	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)
Total Units: 48	Breadth	(4)	Elective	(4)	Elective	(4)
<i>Units per Quarter</i>	16		16		16	
Total Degree Units:	180/181					

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

****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. MATH placement scores may place students in MATH 006A and MATH 06LA. Students would follow the MATH 006A Course Plan. Some students may be required to take MATH 06LB. Earned AP STAT credit or STAT credit earned from a CA CC may provide credit for STAT 010. Please consult your advisor to confirm & prior to enrolling in STAT 010. ** Revised: 06/03/2024**

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Sample 4 Year Bachelor of Science Course Plans

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MATH PLACEMENT: 7B						
	Fall		Winter		Spring	
Year One	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)
Total Units: 48			BIOL 5A, 5LA or 20	(5/6)	Breadth	(4)
<i>Units per Quarter</i>		13		18/19		17
Year Two	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)
Total Units: 43					Elective	(4)
<i>Units per Quarter</i>		13		13		17
Year Three	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)
Total Units: 41					Elective	(4)
<i>Units per Quarter</i>		12		13		16
Year Four	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)
Total Units: 48	Elective	(4)	Elective	(4)	Elective	(4)
<i>Units per Quarter</i>		16		16		16
Total Degree Units:		180/181				

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

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