Year One

Year Three Year Two

Year One

Year Four Year Three



Biochemistry/Chemistry Emphasis

2021 Fall Catalog and Beyond B.A. Sample Program Plans

Since the Biochemistry major is rigorous and highly sequential, summer session options are included to promote timely progress to degree while maintaining a manageable course load.

Math Placement is Intermediate Algebra (ARC 35)

Fall Winter Spring		Spring	Summer	
Intermediate Algebra 35 ₍₀₎	Math 6A ₍₄₎	Math 6B ₍₄₎	Chemistry 1A, 1LA ₍₅₎	
English 1A ₍₄₎	English 1B ₍₄₎	Breadth or Elective ₍₄₎	Chemistry 1B, 1LB ₍₅₎	
Biochemistry 95 ₍₁₎	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎		
Breadth or Elective ₍₄₎				
Breadth or Elective ₍₄₎				
	_			
Chemistry 1C, 1LC ₍₅₎	Chemistry 8A/8LA ₍₄₎	Chemistry 8B/8LB ₍₄₎	Chemistry 8C/8LC ₍₄₎	
Biology 5A, 5LA ₍₅₎	Biology 5B ₍₄₎	Biology 5C ₍₄₎	*Biochemistry 100 (Optional) (4)	
Math 7A ₍₄₎	Math 7B ₍₄₎	Math 46 ₍₄₎		
Breadth or Elective ₍₄₎	Biochemistry 15 ₍₃₎	Breadth or Elective ₍₄₎		
Biochemistry 110A ₍₄₎	Biochemistry 110B ₍₄₎	Biochemistry 110C ₍₄₎	Physics 2B, 2LB ₍₅₎	
Biology 102 ₍₄₎	Chemistry 5 ₍₅₎	Physics 2A, 2LA ₍₅₎	Physics 2C, 2LC ₍₅₎	
Statistics 10 ₍₅₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎		
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎		
Chamistury 100	Dia ah amistur 101	LID Chamistay Floative		
Chemistry 109 ₍₄₎	Biochemistry 184 ₍₄₎	UD Chemistry Elective(4)		
English 1C or 1SC ₍₄₎	Biochemistry 162 ₍₅₎ UD Biochemistry Elective ₍₄₎		351.1 1. 400	
UD Chemistry Elective ₍₄₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎	Minimum units 180	
Fall	<u>Math Placemen</u> Winter	<u>at is MATH 5</u> Spring	Summer	
Math 5 ₍₄₎	Math 7A ₍₄₎	Math 7B ₍₄₎	Math 46(4)	
English 1A ₍₄₎	English 1B ₍₄₎	Breadth or Elective(4)	- (/	
Biochemistry 95 ₍₁₎	Chemistry 1A, 1LA ₍₅₎	Chemistry 1B, 1LB ₍₅₎	Chemistry 1C, 1LC ₍₅₎	
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective(4)	•	
	1			
Chemistry 8A/8LA ₍₄₎ Chemistry 8B/8LB ₍₄₎		Chemistry 8C/8LC ₍₄₎		
Biology 5A, 5LA ₍₅₎		Biology 5B ₍₄₎ Biology 5C ₍₄₎		
Physics 2A, 2LA ₍₅₎	Physics 2B, 2LB ₍₅₎	Physics 2C, 2LC ₍₅₎		
Breadth or Elective ₍₄₎	Biochemistry 15 ₍₃₎	*Biochemistry 100 (Optional) (4)		
Biochemistry 110A ₍₄₎	Biochemistry 110B ₍₄₎	Biochemistry 110C ₍₄₎		
Biology 102 ₍₄₎	Chemistry 5 ₍₅₎	UD Biochemistry Elective ₍₄₎		
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective(4)		
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎		
DICAULI OF ETECTIVE(4)	Dicauli of Elective(4)	Dicaum of Elective(4)		
Chemistry 109 ₍₄₎	Biochemistry 184 ₍₄₎	UD Chemistry Elective ₍₄₎		
English 1C or 1SC ₍₄₎	Biochemistry 162 ₍₅₎	Statistics 10 ₍₅₎		
UD Chemistry Elective ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎		
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	300	Minimum units 180	

	Fall	Winter	Spring	Summer
	Math 6A ₍₄₎	Math 6B ₍₄₎	Math 7A ₍₄₎	Breadth or Elective ₍₄₎
Year One	English 1A ₍₄₎	English 1B ₍₄₎	Breadth or Elective(4)	
	Chemistry 1W ₍₃₎	Chemistry 1A, 1LA ₍₅₎	Chemistry 1B, 1LB ₍₅₎	Chemistry 1C, 1LC ₍₅₎
/ea	Biochemistry 95 ₍₁₎	Breadth or Elective(4)	Breadth or Elective(4)	
0	Chemistry 8A/8LA ₍₄₎	Chemistry 8B/8LB ₍₄₎	Chemistry 8C/8LC ₍₄₎	
Ĺ	Biology 5A, 5LA ₍₅₎	Biology 5B ₍₄₎	Biology 5C ₍₄₎	*Biochemistry 100 (Optional) (4)
Year Two	Physics 2A, 2LA ₍₅₎	Physics 2B, 2LB ₍₅₎	Physics 2C, 2LC ₍₅₎	
	Math 7B ₍₄₎	Biochemistry 15 ₍₃₎	Math 46 ₍₄₎	
ee	Biochemistry 110A ₍₄₎	Biochemistry 110B ₍₄₎	Biochemistry 110C ₍₄₎	
Year Three	Biology 102(4)	Chemistry 5 ₍₅₎	UD Biochemistry Elective(4)	
	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective(4)	
	Breadth or Elective ₍₄₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎	
P 1				
Year Four	Chemistry 109 ₍₄₎	Biochemistry 184 ₍₄₎	UD Chemistry Elective ₍₄₎	
	English 1C or 1SC ₍₄₎	Biochemistry 162 ₍₅₎	Statistics 10 ₍₅₎	
	UD Chemistry Elective ₍₄₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎	
$\stackrel{\smile}{\succ}$	Breadth or Elective ₍₄₎	Breadth or Elective(4)	·	Minimum units 180

Math Placement is MATH 7A

Year One

Year Four Year Three Year Two

Fall Winter		Spring	Summer	
Math 7A ₍₄₎	Math 7B ₍₄₎ Math 46 ₍₄₎			
English 1A ₍₄₎	English 1B ₍₄₎	Breadth or Elective(4)		
Chemistry 1A, 1LA ₍₅₎	Chemistry 1B, 1LB ₍₅₎	Chemistry 1C, 1LC ₍₅₎		
Biochemistry 95 ₍₁₎	Biology 5A, 5LA ₍₅₎	Biology 5B ₍₄₎		
C1	Cl:	Cl	I	
Chemistry 8A/8LA ₍₄₎	Chemistry 8B/8LB ₍₄₎	Chemistry 8C/8LC ₍₄₎		
Biology 5C ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎		
Physics 2A, 2LA ₍₅₎	Physics 2B, 2LB ₍₅₎	Physics 2C, 2LC ₍₅₎		
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎ Biochemistry 15 ₍₃₎ *Biochemistry			
Biochemistry 110A ₍₄₎ Biochemistry 11		Biochemistry 110C ₍₄₎		
Biology 102 ₍₄₎	Chemistry 5 ₍₅₎	UD Biochemistry Elective(4)		
Breadth or Elective(4)	or Elective ₍₄₎ Breadth or Elective ₍₄₎ Breadth or Elective ₍₄₎			
Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎ Breadth or Elective ₍₄₎ Breadth or Electi			
Chemistry 109 ₍₄₎	Biochemistry 184 ₍₄₎	UD Chemistry Elective ₍₄₎		
English 1C or 1SC ₍₄₎	Biochemistry 162 ₍₅₎	Statistics 10 ₍₅₎		
UD Chemistry Elective ₍₄₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎		
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective ₍₄₎ Minimum u		

Math Placement is MATH 7B

	Fall	Winter	Spring	Summer
Year One	Math 7B ₍₄₎	Math 46 ₍₄₎	Breadth or Elective ₍₄₎	
	English 1A ₍₄₎	English 1B ₍₄₎	Breadth or Elective(4)	
	Chemistry 1A, 1LA ₍₅₎	Chemistry 1B, 1LB ₍₅₎	Chemistry 1C, 1LC ₍₅₎	
/ea	Biochemistry 95 ₍₁₎	Biology 5A, 5LA ₍₅₎	Biology 5B ₍₄₎	
	Chemistry 8A/8LA ₍₄₎	Chemistry 8B/8LB ₍₄₎	Chemistry 8C/8LC ₍₄₎	
00	-	•		
	Biology 5C ₍₄₎	Breadth or Elective ₍₄₎	Breadth or Elective ₍₄₎	
<u> </u>	Physics 2A, 2LA ₍₅₎	Physics 2B, 2LB ₍₅₎	Physics 2C, 2LC ₍₅₎	
<u>Year Two</u>	Breadth or Elective ₍₄₎	Biochemistry 15 ₍₃₎	*Biochemistry 100 (Optional) (4)	
P 1				
Year Three	Biochemistry 110A ₍₄₎	Biochemistry 110B ₍₄₎	Biochemistry 110C ₍₄₎	
	Biology 102 ₍₄₎	Chemistry 5 ₍₅₎	UD Biochemistry Elective(4)	
	Breadth or Elective ₍₄₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎	
ar	Breadth or Elective ₍₄₎	Breadth or Elective(4)	Breadth or Elective ₍₄₎	
Ye				
Year Four	Chemistry 109 ₍₄₎	Biochemistry 184 ₍₄₎	UD Chemistry Elective(4)	
	English 1C or 1SC(4)	Biochemistry 162 ₍₅₎	Statistics 10 ₍₅₎	
ar]	UD Chemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective ₍₄₎	
Ye	Breadth or Elective ₍₄₎			Minimum units 180

NOTE

BCH 100 ENROLLMENT: Students who earn a grade lower than "B-"in BIOL 5A or CHEM 08A are strongly encouraged to complete BCH 100 during their second year of residence to better prepare themselves for BCH 110A, BCH 110B, and BCH 110C.

MATH-Please ensure that you follow the math pathway provided and work your way through the MATH 7 series.

STAT 100A- Acceptable if taken prior to Fall 2021.

