Year One

Year Two

Year Three

Year Four

Year Three

Year Four



# Biochemistry/Chemistry Emphasis

## 2017 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	Summer
Intermediate Algebra 35 <sub>(0)</sub>	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	Chemistry 1B, 1LB <sub>(5)</sub>
Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Breadth or Elective(4)			
Breadth or Elective(4)			
Chemistry 1C, 1LC <sub>(5)</sub>	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>
Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
Math 7A <sub>(4)</sub>	Math 7B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	Breadth or Elective(4)	
	<b>,</b>		
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	Physics 2B, 2LB <sub>(5)</sub>
Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	Physics 2A, 2LA <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>
Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective(4)	
English 1C or 1SC(4)	Biochemistry 162 <sub>(5)</sub>	UD Biochemistry Elective(4)	
UD Chemistry Elective(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	Minimum units 180
Fall	Winter	Spring	Summer
Math 5 <sub>(4)</sub>	Math 7A <sub>(4)</sub>	Math 7B <sub>(4)</sub>	Math 46 <sub>(4)</sub>
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
Biochemistry 95 <sub>(1)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective(4)	,
Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	
Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Breadth or Elective <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
Broadin of Elective(4)	Biochemistry 13(3)	Broomering Too (Opinial) (4)	
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Biochemistry Elective <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth of Elective(4)	
Erradur of Biochic(t)	3.00001 01 210001 (0(4)	210001 01 11001 (0)	l
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective(4)	
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
UD Chemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	

	Fall	Winter	Spring	Summer
	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Math 7A <sub>(4)</sub>	Breadth or Elective(4)
ne	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
0	Chemistry 1W <sub>(3)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
<u>Year One</u>	Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
$\succ$				
O.	CI : A OA/OLA	Cl : OD OLD	at the adjoint	1
×	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
I.	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
Year Two	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
K	Math 7B <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	Math 46 <sub>(4)</sub>	
ee	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Biochemistry Elective(4)	
r.]	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Year Three	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Ħ	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective(4)	
원	English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
Year Four	UD Chemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Χ̈́	Breadth or Elective <sub>(4)</sub>	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 <sub>(4)</sub>	Math 7B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Biochemistry 95 <sub>(1)</sub>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
Biology 5C <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Breadth or Elective(4)	Biochemistry 15 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	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 <sub>(4)</sub>	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective(4)	
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
UD Chemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Minimum units 18

#### **Math Placement is MATH 7B**

	Fall	Winter	Spring	Summer
451	Math 7B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	Breadth or Elective(4)	
)ne	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Year One	Biochemistry 95 <sub>(1)</sub>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
<b>7</b> 1				
OI.	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
ĕ	Biology 5C <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
rT	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Year Two	Breadth or Elective(4)	Biochemistry 15 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
ee	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Biochemistry Elective(4)	
립	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Year Three	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Ye				
	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective <sub>(4)</sub>	
진	English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
Year Four	UD Chemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
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-**If you have received STAT048 credit, you will need to complete STAT100B in place of STAT100A to avoid duplication of credit.



Year One

Year Three Year Two

Year Four

Year One

Year Four Year Three



## Biochemistry/Biology Emphasis

## **2016 Fall Catalog and Prior 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	Summer
	Intermediate Algebra 35 <sub>(0)</sub>	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>
	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	Chemistry 1B, 1LB <sub>(5)</sub>
	Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
	Breadth or Elective <sub>(4)</sub>			
	Breadth or Elective(4)			
	Chemistry 1C, 1LC <sub>(5)</sub>	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>
	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
	Math 9A <sub>(4)</sub>	Math 9B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	,
	Breadth or Elective <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	Breadth or Elective(4)	
		<b>,</b>		J
	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	Physics 2B, 2LB <sub>(5)</sub>
	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Chemistry Elective <sub>(4)</sub>	Physics 2C, 2LC <sub>(5)</sub>
	Statistics 100A <sub>(5)</sub>	Breadth or Elective <sub>(4)</sub>	Physics 2A, 2LA <sub>(5)</sub>	•
	Breadth or Elective <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
				1
	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective <sub>(4)</sub>	
	English 1C or 1SC(4)	Biochemistry 162 <sub>(5)</sub>	UD Biochemistry Elective(4)	
	UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
	Breadth or Elective(4)			Minimum units 180
	Broader of Broad (c)		<u> </u>	1.2
		M 41 DI	4 * N. A. (DIT #	
		Math Placemer		
	Fall	Winter	Spring	Summer
	Math 5 <sub>(4)</sub>	Math 9A <sub>(4)</sub>	Math 9B <sub>(4)</sub>	Math 46 <sub>(4)</sub>
	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
	Biochemistry 95 <sub>(1)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	
	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
	Breadth or Elective <sub>(4)</sub>	Biochemistry 101 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
		<b>,</b>		
	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Chemistry Elective(4)	
	Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
_				·
	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Biochemistry Elective(4)	
	English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective(4)	
	UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Minimum units 180

### **Math Placement is MATH 6A**

	Fall	Winter	Spring	Summer
	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Math 9A <sub>(4)</sub>	Breadth or Elective(4)
ne	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
9	Chemistry 1W <sub>(3)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
<u>Year One</u>	Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
$\succ$				
OI.	Classical OA/OLA	Classical OD OLD	Cl 9C/9LC	D 1(1 E1(1
Two	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	Breadth or Elective(4)
L	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
Year	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
$\prec$	Math 9B <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	Math 46 <sub>(4)</sub>	
ee	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Three	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Chemistry Elective(4)	
[ ]	Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Year	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Ħ	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Biochemistry Elective(4)	
<u>원</u>	English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective(4)	
<u>Year Four</u>	UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Χę	Breadth or Elective <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Minimum units 180

### Math Placement is MATH 9A

Year One

Year Four Year Three Year Two

Fall	Winter	Spring	Summer
Math 9A <sub>(4)</sub>	Math 9B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Biochemistry 95 <sub>(1)</sub>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
C1	CI OD OV D	grand and a second	<u> </u>
Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
Biology 5C <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Breadth or Elective(4)	Biochemistry 15 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Chemistry Elective(4)	
Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Biochemistry Elective(4)	
English 1C or 1SC(4)	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective <sub>(4)</sub>	
UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	Minimum units 18

#### **Math Placement is MATH 9B**

Fall	Winter	Spring	Summer
Math 9B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective(4)	
Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Biochemistry 95 <sub>(1)</sub>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
Biology 5C <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Breadth or Elective(4)	Biochemistry 15 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
Di 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D. 1 1 140D	D. 1. 1. 1100	T
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Chemistry Elective(4)	
Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Biochemistry Elective(4)	<u> </u>
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective(4)	
UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	Minimum units 18

### \*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.

**ORGANIC CHEMISTRY-**The CHEM 12 series has been renumbered to CHEM 08 series beginning 2017 fall.

**MATH-** A new MATH 7 series has been introduced for incoming 2017 freshman, <u>please do not enroll in this</u> <u>course as a continuing student.</u> Please continue on the current math pathway you are on.

**STAT 100A-**If you have received STAT048 credit, you will need to complete STAT100B in place of STAT100A to avoid duplication of credit.

