Year One

Year Two

Year Three

Year Four

Year Four Year Three



Minimum units 180

# Biochemistry/Chemistry Emphasis

### 2017 Fall Catalog and Beyond B.S. 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(4)			
Breadth or Elective(4)			
	T		
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>	
	Biochemistry 15 <sub>(3)</sub>		
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 Biochemistry Elective(4)	Physics 2C, 2LC <sub>(5)</sub>
Breadth or Elective(4)	Breadth or Elective(4)	Physics 2A, 2LA <sub>(5)</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 <sub>(4)</sub>	
			Minimum units 180

### Math Placement is MATH 5

	Math I faccine	ILIS IVIA I II S	
Fall	Winter	Spring	Summer
Math 5 <sub>(4)</sub>	Math 7A <sub>(4)</sub>	Math 7B <sub>(4)</sub>	Math 46(4)
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(5)
Breadth or Elective <sub>(4)</sub>	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>	
•	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 <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
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>	Statistics 100A <sub>(5)</sub>	
UD Chemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	

	Fall	Winter	Spring	Summer
	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Math 7A <sub>(4)</sub>	
ne	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
<u>Year One</u>	Chemistry 1W <sub>(3)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
ea	Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
$\succ$				
-1				
80	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
Ĺ	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	
Year Two	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
X	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>	
E.	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Biochemistry Elective(4)	
rr J	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Year Three				
Ħ	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective(4)	
Ю	English 1C or 1SC(4)	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	-			Minimum units 180
		•		<b>-</b>

### **Math Placement is MATH 7A**

.Math 7A <sub>(4)</sub> English 1A <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Biochemistry 95 <sub>(1)</sub>	Math 7B <sub>(4)</sub> English 1B <sub>(4)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Biology 5A, 5LA <sub>(5)</sub>	Math 46 <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Chemistry 1C, 1LC <sub>(5)</sub> Biology 5B <sub>(4)</sub>	
Chemistry 1A, 1LA <sub>(5)</sub> Biochemistry 95 <sub>(1)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Biochemistry 95 <sub>(1)</sub>		•	
, and the second	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
Chamistry 9 A /9I A			
Chamistery QA/QIA			
Chemistry oa/ola(4)	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>	
	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 <sub>(4)</sub>	
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 <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Breadth or Elective(4)			Minimum units 180
	Physics 2A, 2LA <sub>(5)</sub> Biochemistry 110A <sub>(4)</sub> Biology 102 <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Chemistry 109 <sub>(4)</sub> English 1C or 1SC <sub>(4)</sub> UD Chemistry Elective <sub>(4)</sub>	Biology 5C <sub>(4)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Biochemistry 15 <sub>(3)</sub> Biochemistry 110A <sub>(4)</sub> Biology 102 <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Chemistry 109 <sub>(4)</sub> Biochemistry 184 <sub>(4)</sub> English 1C or 1SC <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 162 <sub>(5)</sub> UD Chemistry Elective <sub>(4)</sub> Breadth or Elective <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> Physics 2C, 2LC <sub>(5)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biology 102 <sub>(4)</sub> Breadth or Elective <sub>(4)</sub>

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

Fall	Winter	Spring	Summer
Math 7B <sub>(4)</sub>	Math 46 <sub>(4)</sub>		
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
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>	
	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>	Breadth or Elective(4)	UD Biochemistry Elective(4)	
Breadth or Elective(4)	Chemistry 5 <sub>(5)</sub>	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 <sub>(4)</sub>	
Breadth or Elective(4)		Breadth or Elective <sub>(4)</sub>	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 Two

Year Three

Year Four

Year One

Year Four Year Three



## Biochemistry/Chemistry Emphasis

## **2017 Fall Catalog and Prior B.S. 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)

IVIA	tii i iaccinciit is interiii	culate migebra (mice 33)	
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 <sub>(4)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>
Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
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 9A <sub>(4)</sub>	Math 9B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	Diochemistry 100 (opnona) (4)
	Biochemistry 15 <sub>(3)</sub>		
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(4)	Physics 2C, 2LC <sub>(5)</sub>
Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Physics 2A, 2LA <sub>(5)</sub>	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Chemistry Elective <sub>(4)</sub>	<u> </u>
ř	•		
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	UD Biochemistry Elective(4)	
UD Biochemistry Elective(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
			Minimum units 180

### **Math Placement is MATH 5**

	Wath Flacement is WATH 5				
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 <sub>(4)</sub>	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>			
ř	Ü	ž			
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>			
	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 <sub>(4)</sub>			
Statistics 100A <sub>(5)</sub>	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)			
English 1C or 1SC(4)	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective(4)			
UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>			
			Minimum units 180		

	Fall	Winter	Spring	Summer
	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Math 9A <sub>(4)</sub>	
ne	English 1A(4)	English 1B <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
Year One	Chemistry 1W <sub>(3)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
<u>ea</u>	Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
$\succ$				
N N	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
Ĺ	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	
Year Two	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
$\prec$	Math $9B_{(4)}$	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 Chemistry Elective(4)	
lr.]	Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
Year Three				
Ħ	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Biochemistry Elective(4)	
Fo	English 1C or 1SC(4)	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)	
Ye				Minimum units 180

### **Math Placement is MATH 9A**

	Fall	Winter	Spring	Summer
	.Math 9A <sub>(4)</sub>	Math 9B <sub>(4)</sub>	Math 46 <sub>(4)</sub>	
ne	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
<u> </u>	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>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B(4)	
r 1				
CI	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	
<b>ĕ</b>	Biology 5C <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
H	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Year Two		Biochemistry 15 <sub>(3)</sub>	*Biochemistry 100 (Optional) (4)	
471	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Year Three	Biology 102 <sub>(4)</sub>	Chemistry 5 <sub>(5)</sub>	UD Chemistry Elective(4)	
GT	Statistics 100A <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
šar	Breadth or Elective <sub>(4)</sub>		Breadth or Elective <sub>(4)</sub>	
H				
⊑i.	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	UD Biochemistry Elective(4)	
no	English 1C or 1SC(4)	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective <sub>(4)</sub>	
Year Four	UD Biochemistry Elective(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
ea	Breadth or Elective <sub>(4)</sub>			Minimum units 180

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

Fall	Winter	Spring	Summer
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>	
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>	
	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 <sub>(4)</sub>	
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 <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	UD Chemistry Elective <sub>(4)</sub>	
UD Biochemistry 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.

