Year One

Year Two

Year Four Year Three

Year Four Year Three



# Biochemistry/Medical Sciences 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)**

Summer istry 1A, 1LA <sub>(5)</sub>
istry 1B, 1LB <sub>(5)</sub>
istry 8C/8LC <sub>(4)</sub>
mistry 100 (Optional) (4)
istics 100A <sub>(5)</sub>
ım units 180
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immer lth or Elective <sub>(4)</sub>
Ith or Elective <sub>(4)</sub>
Ith or Elective <sub>(4)</sub>
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Year One
Year Two
Year Three
Year Four

Year Two Year One

Year Four Year Three

Fall	Winter	Spring	Summer
Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Math 7A <sub>(4)</sub>	Breadth or Elective(4)
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Biology 5A, 5LA <sub>(5)</sub>	
Chemistry 1W <sub>(3)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>
Biochemistry 95 <sub>(1)</sub>	Breadth or Elective <sub>(4)</sub>	Biochemistry 96 <sub>(1)</sub>	
Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>
Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	*Biochemistry 100 (Optional) (4)
Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
Math 7B <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	Math 46 (Optional) (4)	
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Biology 102 <sub>(4)</sub>	Statistics 100A <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(4)	Biochemistry 98I <sub>(1)</sub>	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	Biochemistry 120 <sub>(4)</sub>	
English 1C or 1SC (4)	Biochemistry 162 <sub>(5)</sub>	Breadth or Elective <sub>(4)</sub>	
Cell Biology & Neuroscience 101(4)	Breadth or Elective(4)	Breadth or Elective <sub>(5)</sub>	
Breadth or Elective(4)	Breadth or Elective(4)		Minimum units 180

### Math Placement is MATH 7A Winter Spring

Fall	Winter	Spring	Summer
Math 7A <sub>(4)</sub>	Math 7B <sub>(4)</sub>	Math 46 (Optional) (4)	
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>	
		Biochemistry 96 <sub>(1)</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 <sub>(4)</sub>	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)	
Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
Biology 102 <sub>(4)</sub>	Statistics 100A <sub>(5)</sub>	UD Biochemistry Elective(4)	
Breadth or Elective(4)	Breadth or Elective(4)	Biochemistry 98I <sub>(1)</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>	Biochemistry 120 <sub>(4)</sub>	
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Breadth or Elective <sub>(4)</sub>	
Cell Biology & Neuroscience 101 <sub>(4)</sub>	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	
Breadth or Elective(4)	Breadth or Elective(4)		Minimum units 180

#### Math Placement is MATH 7B

·-	wath I lacement		
<b>Fall</b>	Winter	Spring	Summer
Math 7B <sub>(4)</sub>	Math 46 (Optional) (4)	Breadth or Elective <sub>(4)</sub>	
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Biochemistry 96 <sub>(1)</sub>	
Biochemistry 95 <sub>(1)</sub>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
Chaminton OA/OLA	Chamistan OD/OLD	Chamistus OC/OLC	
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 <sub>(4)</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>	Statistics 100A <sub>(5)</sub>	UD Biochemistry Elective(4)	
Breadth or Elective(4)	Breadth or Elective(4)	Biochemistry 98I <sub>(1)</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>	Biochemistry 120 <sub>(4)</sub>	
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Breadth or Elective <sub>(4)</sub>	
Cell Biology & Neuroscience 101(4)	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	

### \*NOTE\*

Breadth or Elective(4)

**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.

Breadth or Elective(4)

Minimum units 180

Breadth or Elective(4)

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.



Fall

Year One

Year Two

Year Four Year Three

Year Four Year Three



Summer

## Biochemistry/Medical Sciences 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.

Winter

### Math Placement is Intermediate Algebra (ARC 35)

**Spring** 

Intermediate Algebra 35(0) Math 6A(4) Math 6B(4) Chemistry 1A, 11  English 1A(4) English 1B(4) Breadth or Elective(4) Chemistry 1B, 11  Breadth or Elective(4) Breadth or Elective(4) Breadth or Elective(4) Breadth or Elective(4)  Breadth or Elective(4) Breadth or Elective(4) Biochemistry 96(1)  Chemistry 95(1)  Chemistry 8A/8LA(4) Chemistry 8B/8LB(4) Chemistry 8C/8I  Biology 5A, 5LA(5) Biology 5B(4) Biology 5C(4) *Biochemistry 100 ( Math 9A(4) Math 9B(4) Physics 2A, 2LA(5)  Breadth or Elective(4) Biochemistry 15(3) Math 46 (Optional) (4)  Biochemistry 110A(4) Biochemistry 110B(4) Biochemistry 110C(4) Statistics 100A	LB <sub>(5)</sub>
Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 1C, 1LC <sub>(5)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8I Biology 5A, 5LA <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Biology 5C <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 100 (  Math 9A <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	LC <sub>(4)</sub>
Breadth or Elective <sub>(4)</sub> Biochemistry 95 <sub>(1)</sub> Chemistry 1C, 1LC <sub>(5)</sub> Biology 5A, 5LA <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Biochemistry 10O <sub>(4)</sub> Math 9A <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Biochemistry 15 <sub>(3)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	
Biochemistry 95 <sub>(1)</sub> Chemistry 1C, 1LC <sub>(5)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Biology 5A, 5LA <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> *Biochemistry 100 <sub>(4)</sub> Math 9A <sub>(4)</sub> Math 9B <sub>(4)</sub> Physics 2A, 2LA <sub>(5)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	
Chemistry 1C, 1LC <sub>(5)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8I  Biology 5A, 5LA <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> *Biochemistry 100 (  Math 9A <sub>(4)</sub> Math 9B <sub>(4)</sub> Physics 2A, 2LA <sub>(5)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Math 46 (Optional) (4)  Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	
Biology 5A, 5LA <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> *Biochemistry 100 (  Math 9A <sub>(4)</sub> Math 9B <sub>(4)</sub> Physics 2A, 2LA <sub>(5)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Math 46 (Optional) (4)  Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	
Biology 5A, 5LA <sub>(5)</sub> Biology 5B <sub>(4)</sub> Math 9A <sub>(4)</sub> Biology 5C <sub>(4)</sub> *Biochemistry 100 (  Math 9A <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	
Math 9A <sub>(4)</sub> Math 9B <sub>(4)</sub> Physics 2A, 2LA <sub>(5)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 15 <sub>(3)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	(Optional) (4
Breadth or Elective(4) Biochemistry 15(3) Math 46 (Optional) (4)  Biochemistry 110A(4) Biochemistry 110B(4) Biochemistry 110C(4) Statistics 100A	
Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Statistics 100A	
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Biology 102 <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub>	
Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Breadth or Elective <sub>(4)</sub>	
Biochemistry 98I <sub>(1)</sub>	
Chemistry 109 <sub>(4)</sub> Biochemistry 184 <sub>(4)</sub> Biochemistry 120 <sub>(4)</sub>	
English 1C or 1SC <sub>(4)</sub> Biochemistry 162 <sub>(5)</sub> UD Biochemistry Elective <sub>(4)</sub>	
Cell Biology & Neuroscience 101(4) Breadth or Elective(4) Breadth or Elective(4)	
Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Minimum units 1	80
Fall Winter Spring Summer	
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Eligibil 1A(4) Eligibil 1D(4) Diology 3A, 3LA(5)	
	I C
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1	LC(5)
	LC(5)
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub>	LC <sub>(5)</sub>
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</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> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub>	
Breadth or Elective <sub>(4)</sub> Biochemistry 95 <sub>(1)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Math 46 (Optional) (4)  Biochemistry 15 <sub>(3)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Biochemistry 96 <sub>(1)</sub> Statistics 100A <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> *Biochemistry 100 (Optional) (4)	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Biology 102 <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biology 102 <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Biology 102 <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biology 102 <sub>(4)</sub> Biochemistry Elective <sub>(4)</sub> UD Biochemistry Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Breadth or Elective <sub>(4)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional)(4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional)(4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 98I <sub>(1)</sub>	
Breadth or Elective <sub>(4)</sub> Chemistry 1A, 1LA <sub>(5)</sub> Chemistry 1B, 1LB <sub>(5)</sub> Chemistry 1C, 1  Biochemistry 95 <sub>(1)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 96 <sub>(1)</sub> Chemistry 8A/8LA <sub>(4)</sub> Chemistry 8B/8LB <sub>(4)</sub> Chemistry 8C/8LC <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Biology 5B <sub>(4)</sub> Biology 5C <sub>(4)</sub> Statistics 100A <sub>(5)</sub> Physics 2A, 2LA <sub>(5)</sub> Physics 2B, 2LB <sub>(5)</sub> Physics 2C, 2LC <sub>(5)</sub> Math 46 <sub>(Optional) (4)</sub> Biochemistry 15 <sub>(3)</sub> *Biochemistry 100 <sub>(Optional) (4)</sub> Biochemistry 110A <sub>(4)</sub> Biochemistry 110B <sub>(4)</sub> Biochemistry 110C <sub>(4)</sub> Breadth or Elective <sub>(4)</sub> Biochemistry 98I <sub>(1)</sub> Chemistry 109 <sub>(4)</sub> Biochemistry 184 <sub>(4)</sub> Biochemistry 120 <sub>(4)</sub>	

	Fall	Winter	Spring	Summer
	Math 6A <sub>(4)</sub>	Math 6B <sub>(4)</sub>	Math 9A <sub>(4)</sub>	Breadth or Elective
	English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Biology 5A, 5LA <sub>(5)</sub>	
	Chemistry 1W <sub>(3)</sub>	Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Chemistry 1C, 1LC
	Biochemistry 95 <sub>(1)</sub>	Breadth or Elective(4)	Biochemistry 96 <sub>(1)</sub>	
	Chemistry 8A/8LA <sub>(4)</sub>	Chemistry 8B/8LB <sub>(4)</sub>	Chemistry 8C/8LC <sub>(4)</sub>	Breadth or Elective(4
	Biology 5B <sub>(4)</sub>	Biology 5C <sub>(4)</sub>	Breadth or Elective(4)	*Biochemistry 100 (Optional) (
	Physics 2A, 2LA <sub>(5)</sub>	Physics 2B, 2LB <sub>(5)</sub>	Physics 2C, 2LC <sub>(5)</sub>	
	Math 9B <sub>(4)</sub>	Biochemistry 15 <sub>(3)</sub>	Math 46 (Optional) (4)	
İ	Biochemistry 110A <sub>(4)</sub>	Biochemistry 110B <sub>(4)</sub>	Biochemistry 110C <sub>(4)</sub>	
	Biology 102 <sub>(4)</sub>	UD Biochemistry Elective(4)	UD Biochemistry Elective(4)	
	Breadth or Elective <sub>(5)</sub>	Breadth or Elective(4)	Breadth or Elective(4)	
	Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Biochemistry 98I <sub>(1)</sub>	
				T
	Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	Biochemistry 120 <sub>(4)</sub>	
	English 1C or 1SC (4)	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
	Cell Biology & Neuroscience 101(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective(5)	
	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	Minimum units 18

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

Fall	Winter	Spring	Summer
Math 9A <sub>(4)</sub>	Math 9B <sub>(4)</sub>	Math 46 (Optional) (4)	
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>	
		Biochemistry 96 <sub>(1)</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 <sub>(4)</sub>	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>	Breadth or Elective <sub>(4)</sub>	UD Biochemistry Elective(4)	
Breadth or Elective(4)	UD Biochemistry Elective(4)	Biochemistry 98I <sub>(1)</sub>	
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>	Biochemistry 120 <sub>(4)</sub>	
English 1C or 1SC(4)	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
Cell Biology & Neuroscience 101(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	Minimum units 180

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

Fall	Winter	Spring	Summer
Math 9B <sub>(4)</sub>	Math 46 (Optional) (4)	Breadth or Elective <sub>(4)</sub>	
English 1A <sub>(4)</sub>	English 1B <sub>(4)</sub>	Chemistry 1C, 1LC <sub>(5)</sub>	
Chemistry 1A, 1LA <sub>(5)</sub>	Chemistry 1B, 1LB <sub>(5)</sub>	Biochemistry 96 <sub>(1)</sub>	
Biochemistry 95 <sub>(1)</sub>	Biology 5A, 5LA <sub>(5)</sub>	Biology 5B <sub>(4)</sub>	
	CI CI OD OLD	di i agiar a	
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 <sub>(4)</sub>	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)	
Dia ahamiatan 110 A	Disabassistas 110D	Dischessisters 110C	
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 <sub>(4)</sub>	UD Biochemistry Elective(4)	Biochemistry 98I <sub>(1)</sub>	
Breadth or Elective(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective <sub>(4)</sub>	
Cl 100	D's 1 194	Disclaration 120	
Chemistry 109 <sub>(4)</sub>	Biochemistry 184 <sub>(4)</sub>	Biochemistry 120 <sub>(4)</sub>	
English 1C or 1SC <sub>(4)</sub>	Biochemistry 162 <sub>(5)</sub>	Statistics 100A <sub>(5)</sub>	
Cell Biology & Neuroscience 101(4)	Breadth or Elective <sub>(4)</sub>	Breadth or Elective(4)	

#### \*NOTE\*

Breadth or Elective(4)

**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.

Breadth or Elective(4)

Minimum units 180

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

Breadth or Elective(4)

**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.

