Biochemistry/Medical Sciences 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	Summer
Year One	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)
	Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	
	Breadth or Elective (4)	Breadth or Elective (4)	Biochemistry 96 (1)	
	Biochemistry 95 (1)			
Year Two	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)	Physics 2A, 2LA (5)	
	Breadth or Elective (4)	Biochemistry 15 (3)	Math 46 (Optional) (4)	
Year Three	Biochemistry 110A (4)	Biochemistry 110B (4)	Biochemistry 110C (4)	Statistics 10 (5)
	Biology 102 (4)	Breadth or Elective (4)	UD Biochemistry Elective (4)	
	Physics 2B, 2LB (5)	Physics 2C, 2LC (5)	Breadth or Elective (4)	
			Biochemistry 98I (1)	
Year Four	Chemistry 109 (4)	Biochemistry 184 (4)	Biochemistry 120 (4)	
	English 1C or 1SC (4)	Biochemistry 162 (5)	Breadth or Elective (4)	
	Cell Biology & Neuroscience 101 (4)	Breadth or Elective (4)	Breadth or Elective (4)	
	Breadth or Elective (4)	Breadth or Elective (4)	Breadth or Elective (4)	**Minimum units 180**

Math Placement is MATH 5

	Fall	Winter	Spring	Summer
Year One	Math 5A (5)	Math 7A (4)	Math 7B (4)	Breadth or Elective (4)
	English 1A (4)	English 1B (4)	Biology 5A, 5LA (5)	
	Breadth or Elective (4)	Chemistry 1A, 1LA (5)	Chemistry 1B, 1LB (5)	Chemistry 1C, 1LC (5)
	Biochemistry 95 (1)	Breadth or Elective (4)	Biochemistry 96 (1)	
Year Two	Chemistry 8A/8LA (4)	Chemistry 8B/8LB (4)	Chemistry 8C/8LC (4)	
	Biology 5B (4)	Biology 5C (4)	Physics 2C, 2LC (5)	
	Physics 2A, 2LA (5)	Physics 2B, 2LB (5)	*Biochemistry 100 (Optional) (4)	
	Math 46 (Optional) (4)	Biochemistry 15 (3)	Breadth or Elective (4)	
Year Three	Biochemistry 110A (4)	Biochemistry 110B (4)	Biochemistry 110C (4)	
	Biology 102 (4)	Statistics 10 (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)	Biochemistry 98I (1)	
Year Four	Chemistry 109 (4)	Biochemistry 184 (4)	Biochemistry 120 (4)	
	English 1C or 1SC (4)	Biochemistry 162 (5)	Breadth or Elective (4)	
	Cell Biology & Neuroscience 101 (4)	Breadth or Elective (4)	Breadth or Elective (5)	
	Breadth or Elective (4)	Breadth or Elective (4)		**Minimum units 180**

Math Placement is MATH 6A

	Fall	Winter	Spring	Summer
Year One	Math 6A(4)	Math 6B(4)	Math 7A(4)	Breadth or Elective(4)
	English 1A(4)	English 1B(4)	Biology 5A, 5LA(5)	
	Chemistry 1(2)	Chemistry 1A, 1LA(5)	Chemistry 1B, 1LB(5)	Chemistry 1C, 1LC(5)
	Biochemistry 95(1)	Breadth or Elective(4)	Biochemistry 96(1)	
Year Two	Chemistry 8A/8LA(4)	Chemistry 8B/8LB(4)	Chemistry 8C/8LC(4)	Breadth or Elective(4)
	Biology 5B(4)	Biology 5C(4)	Breadth or Elective(4)	*Biochemistry 100 (Optional) (4)
	Physics 2A, 2LA(5)	Physics 2B, 2LB(5)	Physics 2C, 2LC(5)	
	Math 7B(4)	Biochemistry 15(3)	Math 46 (Optional) (4)	
Year Three	Biochemistry 110A(4)	Biochemistry 110B(4)	Biochemistry 110C(4)	
	Biology 102(4)	Statistics 10(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)	Biochemistry 98I(1)	
Year Four	Chemistry 109(4)	Biochemistry 184(4)	Biochemistry 120(4)	
	English 1C or 1SC (4)	Biochemistry 162(5)	Breadth or Elective(4)	
	Cell Biology & Neuroscience 101(4)	Breadth or Elective(4)	Breadth or Elective(5)	
	Breadth or Elective(4)	Breadth or Elective(4)		**Minimum units 180**

Math Placement is MATH 7A

	Fall	Winter	Spring	Summer
Year One	Math 7A(4)	Math 7B(4)	Math 46 (Optional) (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)	
			Biochemistry 96(1)	
Year Two	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)	Biochemistry 15(3)	*Biochemistry 100 (Optional) (4)	
Year Three	Biochemistry 110A(4)	Biochemistry 110B(4)	Biochemistry 110C(4)	
	Biology 102(4)	Statistics 10(5)	UD Biochemistry Elective(4)	
	Breadth or Elective(4)	Breadth or Elective(4)	Biochemistry 98I(1)	
	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Year Four	Chemistry 109(4)	Biochemistry 184(4)	Biochemistry 120(4)	
	English 1C or 1SC(4)	Biochemistry 162(5)	Breadth or Elective(4)	
	Cell Biology & Neuroscience 101(4)	Breadth or Elective(4)	Breadth or Elective(4)	
	Breadth or Elective(4)	Breadth or Elective(4)		**Minimum units 180**

	Fall	Winter	Spring	Summer
Year One	Math 7B(4)	Math 46 (Optional) (4)	Breadth or Elective(4)	
	English 1A(4)	English 1B(4)	Chemistry 1C, 1LC(5)	
	Chemistry 1A, 1LA(5)	Chemistry 1B, 1LB(5)	Biochemistry 96(1)	
	Biochemistry 95(1)	Biology 5A, 5LA(5)	Biology 5B(4)	
Year Two	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)	Biochemistry 15(3)	*Biochemistry 100 (Optional) (4)	
Year Three	Biochemistry 110A(4)	Biochemistry 110B(4)	Biochemistry 110C(4)	
	Biology 102(4)	Statistics 10(5)	UD Biochemistry Elective(4)	
	Breadth or Elective(4)	Breadth or Elective(4)	Biochemistry 98I(1)	
	Breadth or Elective(4)	Breadth or Elective(4)	Breadth or Elective(4)	
Year Four	Chemistry 109(4)	Biochemistry 184(4)	Biochemistry 120(4)	
	English 1C or 1SC(4)	Biochemistry 162(5)	Breadth or Elective(4)	
	Cell Biology & Neuroscience 101(4)	Breadth or Elective(4)	Breadth or Elective(4)	
	Breadth or Elective(4)	Breadth or Elective(4)	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 8/48-Please consult with your advisor if you credit was earned from high school or community college.

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