

# Cell, Molecular, and Developmental Biology Major

## *B.S. Sample Program Plans*

**Math Placement is ARC 35 (for students starting prior to 2016 Fall)**

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
<b>Year One</b>	ARC 35 (0) ENGL 1A (4) Breadth (4) Breadth (4)	MATH 8A (5) ENGL 1B (4) Breadth (4)	MATH 8B (5) Breadth (4) Breadth (4)	CHEM 1A, 1LA (5) CHEM 1B, 1LB (5)
<b>Year Two</b>	CHEM 1C, 1LC (5) BIOL 5A, 5LA (5) MATH 9B (4)	CHEM 112A (4) BIOL 5B (4) Breadth (4) Elective (2)	CHEM 112B (4) BIOL 5C (4) PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
<b>Year Three</b>	CHEM 112C (4) STAT 100A (5) BIOL 102 (4)	BCH 100 (4) Depth (4) Depth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4)	ENGL 1C (4) Depth (4)
<b>Year Four</b>	CBNS 101 (4) UD Major Elective (4) UD Major Elective (4)	UD Major Elective (4) UD Major Elective (4) UD Major Elective (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)	



## Math Placement is ARC 35 (for students starting 2016 Fall and beyond)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
<b>Year One</b>	ARC 35 (0) ENGL 1A (4) Breadth (4) Breadth (4)	MATH 6A (4) ENGL 1B (4) Breadth (4) Breadth (4)	MATH 6B (4) Breadth (4) Breadth (4)	CHEM 1A, 1LA (5) CHEM 1B, 1LB (5)
<b>Year Two</b>	CHEM 1C, 1LC (5) BIOL 5A, 5LA (5) MATH 9A (4)	CHEM 112A (4) BIOL 5B (4) MATH 9B (4)	CHEM 112B (4) BIOL 5C (4) PHYS 2A, 2LA (5)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
<b>Year Three</b>	CHEM 112C (4) STAT 100A (5) BIOL 102 (4)	BCH 100 (4) Depth (4) Depth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4)	ENGL 1C (4) Depth (4)
<b>Year Four</b>	CBNS 101 (4) UD Major Elective (4) UD Major Elective (4)	UD Major Elective (4) UD Major Elective (4) UD Major Elective (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)	

## Math Placement is 8A (for students starting prior to 2016 Fall)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
<b>Year One</b>	MATH 8A (5) ENGL 1A (4) Breadth (4)	MATH 8B (5) CHEM 1A, 1LA (5) ENGL 1B (4) Breadth (4)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) Breadth (4)
<b>Year Two</b>	CHEM 1C, 1LC (5) BIOL 5B (4) PHYS 2A, 2LA (5)	CHEM 112A (4) BIOL 5C (4) PHYS 2B, 2LB (5)	CHEM 112B (4) Breadth (4) PHYS 2C, 2LC (5)
<b>Year Three</b>	BIOL 102 (4) STAT 100A (5) CHEM 112C (4) Elective (4)	BCH 100 (4) Depth (4) Depth (4) Breadth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4) Breadth (4)
<b>Year Four</b>	CBNS 101 (4) UD Major Elective (4) UD Major Elective (4) Depth (4)	UD Major Elective (4) UD Major Elective (4) UD Major Elective (4) ENGL 1C (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)

## Math Placement is 6A (for students starting in 2016 Fall and beyond)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
<b>Year One</b>	MATH 6A (4) ENGL 1A (4) Breadth (4)	MATH 6B (4) CHEM 1A, 1LA (5) ENGL 1B (4) Breadth (4)	MATH 9A (4) CHEM 1B, 1LB (5) BIOL 5A/5LA (5)	
<b>Year Two</b>	CHEM 1C, 1LC (5) BIOL 5B (4) MATH 9B (4)	CHEM 112A (4) BIOL 5C (4) Breadth (4)	CHEM 112B (4) PHYS 2A, 2LA (5) Breadth (4)	PHYS 2B, 2LB (5) PHYS 2C, 2LC (5)
<b>Year Three</b>	BIOL 102 (4) CHEM 112C (4) Breadth (4) Depth (4)	BCH 100 (4) STAT 100A (5) Breadth (4) Depth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4)	Depth (4) ENGL 1C (4)
<b>Year Four</b>	CBNS 101 (4) UD Major Elective (4) UD Major Elective (4)	UD Major Elective (4) UD Major Elective (4) UD Major Elective (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)	

## Math Placement is 5

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
<b>Year One</b>	MATH 5 (4) ENGL 1A (4) Breadth (4)	MATH 9A (4) CHEM 1A, 1LA (5) ENGL 1B (4) Breadth (4)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) Breadth (4)
<b>Year Two</b>	CHEM 1C, 1LC (5) BIOL 5B (4) PHYS 2A, 2LA (5)	CHEM 112A (4) BIOL 5C (4) PHYS 2B, 2LB (5)	CHEM 112B (4) Breadth (4) PHYS 2C, 2LC (5)
<b>Year Three</b>	BIOL 102 (4) STAT 100A (5) CHEM 112C (4) Elective (4)	BCH 100 (4) Depth (4) Depth (4) Breadth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4) Breadth (4)
<b>Year Four</b>	CBNS 101 (4) UD Major Elective (4) UD Major Elective (4) Depth (4)	UD Major Elective (4) UD Major Elective (4) UD Major Elective (4) ENGL 1C (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)

## Math Placement is 8B (for students starting prior to 2016 Fall)

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
<b>Year One</b>	MATH 8B (5) ENGL 1A (4) CHEM 1A, 1LA (5)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) ENGL 1B (4)	CHEM 1C, 1LC (5) BIOL 5B (4) Breadth (4) Breadth (4)
<b>Year Two</b>	CHEM 112A (4) BIOL 5C (4) PHYS 2A, 2LA (5)	CHEM 112B (4) PHYS 2B, 2LB (5) Breadth (4) Breadth (4)	CHEM 112C (4) PHYS 2C, 2LC (5) BIOL 102 (4)
<b>Year Three</b>	STAT 100A (5) BCH 100 (4) Depth (4) Breadth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4) Breadth (4)	CBNS 101 (4) UD Major Elective (4) Depth (4) Elective (4)
<b>Year Four</b>	UD Major Elective (4) UD Major Elective (4) Depth (4)	UD Major Elective (4) UD Major Elective (4) ENGL 1C (4) Elective (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)

## Math Placement is 9A

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
<b>Year One</b>	MATH 9A (4) ENGL 1A (4) CHEM 1A, 1LA (5)	MATH 9B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5) ENGL 1B (4)	CHEM 1C, 1LC (5) BIOL 5B (4) Breadth (4) Breadth (4)
<b>Year Two</b>	CHEM 112A (4) BIOL 5C (4) PHYS 2A, 2LA (5)	CHEM 112B (4) PHYS 2B, 2LB (5) Breadth (4) Breadth (4)	CHEM 112C (4) PHYS 2C, 2LC (5) BIOL 102 (4)
<b>Year Three</b>	STAT 100A (5) BCH 100 (4) Depth (4) Breadth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4) Breadth (4)	CBNS 101 (4) UD Major Elective (4) Depth (4) Elective (4)
<b>Year Four</b>	UD Major Elective (4) UD Major Elective (4) Depth (4)	UD Major Elective (4) UD Major Elective (4) ENGL 1C (4) Elective (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)

## **\*Math Placement is 9B or Higher**

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
<b>Year One</b>	MATH 9B or higher (4) ENGL 1A (4) CHEM 1A, 1LA (5)	ENGL 1B (4) CHEM 1B, 1LB (5) BIOL 5A, 5LA (5)	CHEM 1C, 1LC (5) BIOL 5B (4) Breadth (4) Breadth (4)
<b>Year Two</b>	CHEM 112A (4) BIOL 5C (4) PHYS 2A, 2LA (5)	CHEM 112B (4) PHYS 2B, 2LB (5) Breadth (4) Breadth (4)	CHEM 112C (4) PHYS 2C, 2LC (5) BIOL 102 (4)
<b>Year Three</b>	STAT 100A (5) BCH 100 (4) Depth (4) Breadth (4)	BIOL 107A (4) UD Major Elective (4) Depth (4) Breadth (4)	CBNS 101 (4) UD Major Elective (4) Depth (4) Elective (4)
<b>Year Four</b>	UD Major Elective (4) UD Major Elective (4) Depth (4)	UD Major Elective (4) UD Major Elective (4) ENGL 1C (4) Elective (4)	CBNS 108 (4) UD Major Elective (4) UD Major Elective (4)

*\*Assumes at least 4 units of MATH transfer credit*