

# Chemistry Major

## *B.S. Sample Program Plans*

### Math Placement is Math009A

	Fall	Winter	Spring
<b>Year One</b>	CHEM002A, 02LA (5) MATH009A (4) ENGL001A (4) H/SS Breadth (4)	CHEM002B, 02LB (5) MATH009B (4) ENGL001B (4) PHYS040A (5)	CHEM002C, 02LC (5) MATH009C (4) PHYS040B (5)
Units			
Term	17	18	14
<b>Year Two</b>	CHEM008A, 08LA (4) PHYS040C (5) MATH010A (4)	CHEM008B, 08LB (4) CHEM005 (5) MATH010B (4) Sci Breadth (4)	CHEM008C, 08LC (4) MATH046 (4) Biol course w/lab (4) H/SS Breadth (4)
Units			
Term	13	17	16
<b>Year Three</b>	CHEM110A (4) CHEM125W (5) Sci Breadth (4) CHEM166 (4) <sup>1</sup>	CHEM110B (4) CHEM150A (4) CHEM143 (3) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM155 (4) <sup>1</sup>
Units			
Term	17	15	13
<b>Year Four</b>	H/SS Breadth (4) Sci Breadth (4) Sci Breadth (4)	CHEM111 (4) Sci Breadth (4) H/SS Breadth (4)	CHEM140 (4) <sup>1</sup> Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)
Units			
Term	12	12	16

<sup>1</sup> Only two of Chem 155, Chem 166 or Chem 140 are required for the BS degree plan: plan on taking Sci Breadth (4) in one of these slots.

Note: Humanities/Social Science Breadth and Science Breadth/additional classes (24/36 units respectively) can be taken in any order. See UCR catalog for elective options.

#### Math Sequences:

MATH 3 or MATH 6: MATH 3 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

MATH 5A or 9: MATH 5A – MATH 9A – MATH 9B – MATH 9C



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## *B.S. Sample Program Plans*

### Math Placement is Math005

	Fall	Winter	Spring	Summer
<b>Year One</b>	CHEM 001W (3) MATH 005A (4) ENGL001A (4) H/SS Breadth (4)	CHEM001A, 01LA (5) MATH009A (4) ENGL001B (4) H/SS Breadth (4)	CHEM001B, 01LB (5) MATH009B (4) Biol course w/lab (4)	CHEM001C, 01LC (5) MATH009C (4)
Units				
Term	15	17	13	9
<b>Year Two</b>	CHEM008A, 08LA (4) MATH010A (4) PHYS040A (5)	CHEM008B, 08LB (4) MATH010B (4) PHYS040B (5)	CHEM008C, 08LC (4) MATH046 (4) PHYS040C (5)	CHEM005 (5)
Units				
Term	13	13	13	5
<b>Year Three</b>	CHEM110A (4) CHEM125 (5) Sci Breadth (4) CHEM166 (4) <sup>1</sup>	CHEM110B (4) CHEM150A (4) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM155 (4) <sup>1</sup>	
Units				
Term	17	12	13	
<b>Year Four</b>	Sci Breadth (4) Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Sci Breadth (4) Sci Breadth (4)	CHEM140 (4) <sup>1</sup> Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	
Units				
Term	16	15	16	

<sup>1</sup> Only two of Chem 155, Chem 166 or Chem 140 are required for the BS degree plan: plan on taking Sci Breadth (4) in one of these slots.

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#### Math Sequences:

MATH 3 or MATH 6: MATH 3 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

MATH 5A or 9: MATH 5A – MATH 9A – MATH 9B – MATH 9C



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## *B.S. Sample Program Plans*

### Math Placement is Math006A

	Fall	Winter	Spring	Summer
<b>Year One</b>	CHEM001W (3) MATH006A (4) ENGL001A (4) H/SS Breadth (4)	CHEM001A, 01LA (5) MATH006B (4) ENGL001B (4) H/SS Breadth (4)	CHEM001B, 01LB (5) MATH009A (4) Biol course w/lab (4)	CHEM001C, 01LC (5) MATH009B (4)
	15	17	13	9
<b>Year Two</b>	CHEM008A, 08LA (4) MATH009C (4) PHYS040A (5)	CHEM008B, 08LB (4) MATH010A (4) PHYS040B (5)	CHEM008C, 08LC (4) MATH010B (4) PHYS040C (5)	CHEM005 (5)
	13	13	13	5
<b>Year Three</b>	CHEM110A (4) MATH046 (4) CHEM125 (5) CHEM166 (4) <sup>1</sup>	CHEM110B (4) CHEM150A (4) Sci Breadth (4) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM155 (4) <sup>1</sup>	
	17	16	13	
<b>Year Four</b>	Sci Breadth (4) Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Sci Breadth (4) Sci Breadth (4)	CHEM140 (4) <sup>1</sup> Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	
	17	15	16	

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## *B.S. Sample Program Plans*

### Math Placement is MATH 003

	Fall	Winter	Spring	Summer
<b>Year One</b>	MATH 003 (3) ENGL001A (4) H/SS Breadth (4) H/SS Breadth (4)	MATH006A (4) ENGL001B (4) H/SS Breadth (4)	MATH006B (4) H/SS Breadth (4) Biol course w/lab (4)	MATH009A (4) MATH009B (4)
Units				
Term	15	12	12	8
<b>Year Two</b>	CHEM002A, 02LA (5) MATH009C (4) PHYS040A (5)	CHEM002B, 02LB (5) MATH010A (4) PHYS040B (5)	CHEM002C, 02LC (5) MATH010B (4) PHYS040C (5)	CHEM008A, 08LA (4) CHEM008B, 08LB (4)
Units				
Term	13	13	13	8
<b>Year Three</b>	CHEM110A (4) CHEM008C, 08LC (4) MATH046 (4) Sci Breadth (4)	CHEM005 (5) CHEM110B (4) CHEM150A (4) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM 155 (4) <sup>1</sup>	
Units				
Term	16	17	13	
<b>Year Four</b>	CHEM125 (5) CHEM 166 (4) <sup>1</sup> Sci Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Sci Breadth (4) H/SS Breadth (4)	CHEM140 (4) <sup>1</sup> Sci Breadth (4) Sci Breadth (4) Sci Breadth (4)	
Units				
Term	17	15	16	

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MATH 5A or 9: MATH 5A – MATH 9A – MATH 9B – MATH 9C

