

Chemistry Major

B.S. Sample Program Plans

Math Placement is Math009A

	Fall	Winter	Spring
Year One	CHEM001A, 1LA (5) MATH009A (4) ENGL001A (4) H/SS Breadth (4)	CHEM001B, 1LB (5) MATH009B (4) ENGL001B (4) PHYS040A (5)	CHEM001C, 1LC (5) MATH009C (4) PHYS040B (5)
Units			
Term	17	18	14
Year Two	CHEM08A, LA (4) PHYS040C (5) MATH010A (4)	CHEM08B, LB (4) CHEM005 (5) MATH010B (4) ² Sci Breadth (4)	CHEM08C, LC (4) MATH046 (4) Biol course w/lab (4) H/SS Breadth (4)
Units			
Term	13	17	16
Year Three	CHEM110A (4) CHEM125W (5) ¹ Sci Breadth (4) CHEM166 (4) ³	CHEM110B (4) CHEM150A (4) CHEM143 (3) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM155 (4) ³
Units			
Term	17	15	13
Year Four	H/SS Breadth (4) Sci Breadth (4) Sci Breadth (4)	CHEM111 (4) Sci Breadth (4) H/SS Breadth (4)	CHEM140/114 (4) ² Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)
Units			
Term	12	12	16

¹ Chem 125W will also fulfill the Eng001C requirement with an earned grade of C or higher (with concurrent ENGL007).

² Chem 140 and Chem 114 are offered in alternate years.

³ Only one of Chem 155 or Chem 166 is required for the BS degree 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:

ARC or MATH 6: ARC 35 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

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



Chemistry Major

B.S. Sample Program Plans

Math Placement is Math005

	Fall	Winter	Spring	Summer
Year One	CHEM 001W (3) MATH005 (4) ENGL001A (4) H/SS Breadth (4)	CHEM001A, 1LA (5) MATH009A (4) ENGL001B (4) H/SS Breadth (4)	CHEM001B, 1LB (5) MATH009B (4) Biol course w/lab (4)	CHEM001C, 1LC (5) MATH009C (4)
Units				
Term	15	17	13	9
Year Two	CHEM08A, LA (4) MATH010A (4) PHYS040A (5)	CHEM08B, LB (4) MATH010B (4) PHYS040B (5)	CHEM08C, LC (4) MATH046 (4) PHYS040C (5)	CHEM005 (5)
Units				
Term	13	13	13	5
Year Three	CHEM110A (4) CHEM125W (5) ¹ Sci Breadth (4) CHEM166 (4) ³	CHEM110B (4) CHEM150A (4) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM155 (4) ³	
Units				
Term	17	12	13	
Year Four	Sci Breadth (4) Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Sci Breadth (4) Sci Breadth (4)	CHEM140/114 (4) ² Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	
Units				
Term	16	15	16	

¹ Chem 125W will also fulfill the Eng001C requirement with an earned grade of C or higher (with concurrent ENGL007).

² Chem 140 and Chem 114 are offered in alternate years.

³ Only one of Chem 155 or Chem 166 is required for the BS degree 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:

ARC or MATH 6: ARC 35 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

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



Chemistry Major

B.S. Sample Program Plans

Math Placement is Math006A

	Fall	Winter	Spring	Summer
Year One	CHEM001W (3) MATH006A (4) ENGL001A (4) H/SS Breadth (4)	CHEM001A, 1LA (5) MATH006B (4) ENGL001B (4) H/SS Breadth (4)	CHEM001B, 1LB (5) MATH009A (4) Biol course w/lab (4)	CHEM001C, 1LC (5) MATH009B (4)
	15	17	13	9
Year Two	CHEM08A, LA (4) MATH009C (4) PHYS040A (5)	CHEM08B, LB (4) MATH010A (4) PHYS040B (5)	CHEM08C, LC (4) MATH010B (4) PHYS040C (5)	CHEM005 (5)
	13	13	13	5
Year Three	CHEM110A (4) MATH046 (4) CHEM125W (5) ¹ CHEM166 (4) ³	CHEM110B (4) CHEM150A (4) Sci Breadth (4) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM155 (4) ³	
	17	16	13	
Year Four	Sci Breadth (4) Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Sci Breadth (4) Sci Breadth (4)	CHEM140/114 (4) ² Sci Breadth (4) H/SS Breadth (4) H/SS Breadth (4)	
	17	15	16	

¹ Chem 125W will also fulfill the Eng001C requirement with an earned grade of C or higher (with concurrent ENGL007).

² Chem 140 and Chem 114 are offered in alternate years.

³ Only one of Chem 155 or Chem 166 is required for the BS degree 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:

ARC or MATH 6: ARC 35 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

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



Chemistry Major

B.S. Sample Program Plans

Math Placement is ARC35

	Fall	Winter	Spring	Summer
Year One	ARC 35 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	12	12	12	8
Year Two	CHEM001A, 1LA (5) MATH009C (4) PHYS040A (5)	CHEM001B, 1LB (5) MATH010A (4) PHYS040B (5)	CHEM001C, 1LC (5) MATH010B (4) PHYS040C (5)	CHEM08A, LA (4) CHEM08B, LB (4)
Units				
Term	13	13	13	8
Year Three	CHEM110A (4) CHEM08C, LC (4) MATH046 (4) Sci Breadth (4)	CHEM005 (5) CHEM110B (4) CHEM150A (4) Sci Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM 155 (4) ³	
Units				
Term	16	17	13	
Year Four	CHEM125W (5) ¹ CHEM 166 (4) ³ Sci Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Sci Breadth (4) H/SS Breadth (4)	CHEM140 (4) Sci Breadth (4) Sci Breadth (4) Sci Breadth (4)	
Units				
Term	17	15	16	

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² Chem 140 and Chem 114 are offered in alternate years.

³ Only one of Chem 155 or Chem 166 is required for the BS degree plan: on taking Sci Breadth (4) in one of these slots.

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Math Sequences:

ARC or MATH 6: ARC 35 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

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

