

Chemistry Major

B.A. Sample Program Plans

Math Placement is Math009A

	Fall	Winter	Spring
Year One	CHEM002A, 02LA (5) MATH009A (4) ENGL001A (4) H/SS Breadth (4)	CHEM002B, 02LB (5) MATH009B (4) ENGL001B (4) H/SS Breadth (4)	CHEM002C, 02LC (5) MATH009C (4) Biol course w/lab (4)
	17	17	13
Year Two	CHEM008A, 08LA (4) MATH010A (4) PHYS040A ¹ (5) H/SS Breadth (4)	CHEM008B, 08LB (4) CHEM005 (5) PHYS040B ¹ (5)	CHEM008C, 08LC (4) PHYS040C ¹ (5) H/SS Breadth (4)
	17	14	13
Year Three	CHEM110A (4) CHEM125 (5) H/SS Breadth (4) Language 1 (4)	CHEM110B (4) CHEM150A (4) Sci Breadth (4) Language 2 (4)	CHEM113 (4) CHEM191 (1) UD Elective (4) ² Language 3 (4)
	17	16	13
Year Four	H/SS Breadth (4) H/SS Breadth (4) Language 4 (4)	UD Elective (4) ³ H/SS Breadth (4) Sci Breadth (4) Sci Breadth (4)	H/SS Breadth (4) Sci Breadth (4) UD Elective (4) ²
	12	16	12

¹ May take PHYS 002A & 02LA, 002B & 02LB, 002C & 02LC or PHYS 040ABC to fulfill Physics requirement for BA program.

² UD elective - one of Chem 111, 166, 155, 140, plus ten more units.

Note: Humanities/Social Science Breadth and Science Breadth (36/20 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



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Math Placement is Math005

	Fall	Winter	Spring	Summer
Year One	CHEM001W (3) MATH005 (5) 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)
	15	17	13	9
Year Two	CHEM008A, 08LA (4) MATH010A (4) PHYS040A (5) ¹ H/SS Breadth (4)	CHEM008B, 08LB (4) CHEM005 (5) PHYS040B (5) ¹	CHEM008C, 08LC (4) PHYS040C (5) ¹ Language 1 (4)	
	17	14	13	
Year Three	CHEM110A (4) CHEM125 (5) Sci Breadth (4) Language 2 (4)	CHEM110B (4) CHEM150A (4) H/SS Breadth (4) Language 3 (4)	CHEM113 (4) CHEM191 (1) UD Elective (4) ² H/SS Breadth (4)	
	17	16	13	
Year Four	H/SS Breadth (4) H/SS Breadth (4) Language 4 (4)	UD Elective (4) ² H/SS Breadth (4) Sci Breadth (4) Sci Breadth (4)	UD Elective (4) ² Sci Breadth (4) H/SS Breadth (4)	
	12	16	12	

¹ May take PHYS 002A & 02LA, 002B & 02LB, 002C & 02LC or PHYS 040ABC to fulfill Physics requirement for BA program.

² UD elective - one of Chem 111, 166, 155, 140, plus ten more units.

Note: Humanities/Social Science Breadth and Science Breadth (36/20 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



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B.A. Sample Program Plans

Math Placement is Math006A

	Fall	Winter	Spring	Summer
Year One	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)
	15	17	13	5
Year Two	CHEM008A, 08LA (4) MATH009B (4) PHYS002A, LA (5) ¹ H/SS Breadth (4)	CHEM008B, 08LB (4) MATH009C (4) PHYS002B, LB (5) ¹	CHEM008C, 08LC (4) MATH010A (4) PHYS002C, LC (5) ¹ H/SS Breadth (4)	CHEM005 (5)
	17	13	17	5
Year Three	CHEM110A (4) CHEM125 (5) H/SS Breadth (4) Language 1 (4)	CHEM110B (4) CHEM150A (4) Sci Breadth (4) Language 2 (4)	CHEM113 (4) CHEM191 (1) UD Elective (4) ² Language 3 (4)	
	17	16	13	
Year Four	H/SS Breadth (4) Sci Breadth (4) Language 4 (4)	UD Elective (4) ² H/SS Breadth (4) H/SS Breadth (4) Sci Breadth (4)	UD Elective (4) ² Sci Breadth (4) H/SS Breadth (4)	
	12	16	12	

¹ May take PHYS 040ABC or PHYS 002A & 02LA, 002B & 02LB, 002C & 02LC to fulfill Physics requirement for BA program.

² UD elective - one of Chem 111, 166, 155, 140, plus ten more units.

Note: Humanities/Social Science Breadth and Science Breadth (36/20 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.A. Sample Program Plans

Math Placement is ARC 35

	Fall	Winter	Spring	Summer
Year One	ARC35 (0) ENGL001A (4) H/SS Breadth (4) H/SS Breadth (4)	MATH006A (5) ENGL001B (4) H/SS Breadth (4)	MATH006B (5) H/SS Breadth (4) Biol course w/lab (4)	CHEM001A, 01LA (5) CHEM001B, 01LB (5)
	12	13	13	10
Year Two	CHEM001C, 01LC (5) MATH009A (4) H/SS Breadth (4)	CHEM008A, 08LA (4) MATH009B (4) PHYS002A, LA (5) ¹	CHEM008B, 08LB (4) MATH009C (4) PHYS002B, LB (5) ¹	MATH010A (4) PHYS002C, LC (5) ¹
	13	13	13	9
Year Three	CHEM110A (4) CHEM008C, 08LC (4) Sci Breadth (4) Language 1 (4)	CHEM005 (5) CHEM110B (4) H/SS Breadth (4) Language 2 (4)	CHEM113 (4) CHEM191 (1) UD Elective (4) ² Language 3 (4)	
	16	17	13	
Year Four	CHEM125 (5) H/SS Breadth (4) Sci Breadth (4) Language 4 (4)	UD Elective (4) ² CHEM150A (4) H/SS Breadth (4)	UD Elective (4) ² Sci Breadth (4) Sci Breadth (4) H/SS Breadth (4)	
	17	12	16	

¹ May take PHYS 040ABC or PHYS 002A & 02LA, 002B & 02LB, 002C & 02LC to fulfill Physics requirement for BA program.

² UD elective - one of Chem 111, 166, 155, 140, plus ten more units.

Note: Humanities/Social Science Breadth and Science Breadth (36/20 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

