

B.S. Sample Program Plans

Math Placement is Math009A

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

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

Note: Humanities/Social Science and additional science breadth (elective) 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



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



B.S. Sample Program Plans

Math Placement is Math005

Year One	Fall CHEM 001W (3) MATH005 (5) ENGL001A (4)	Winter CHEM001A, 1LA (5) MATH009A (4) ENGL001B (4)	Spring CHEM001B, 1LB (5) MATH009B (4) Biol course w/lab (4)	Summer CHEM001C, 1LC (5) MATH009C (4)
	H/SS Breadth (4)	H/SS Breadth (4)	, , , , , , , , , , , , , , , , , , , ,	
Units				
<u>Term</u>	16	17	13	9
Year	CHEM08A, LA (4)	CHEM08B, LB (4)	CHEM08C, LC (4)	CHEM005 (5)
Two	MATH010A (4)	MATH010B (4)	MATH046 (4)	
l lada	PHYS040A (5)	PHYS040B (5)	PHYS040C (5)	
Units	13	13	13	5
<u>Term</u>	15	13	12	<u> </u>
Year	CHEM110A (4)	CHEM110B (4)	CHEM113 (4)	
Three	CHEM125W (5) ¹	CHEM150A (4)	CHEM150B (4)	
	Elective Breadth (4)	Elective Breadth (4)	CHEM191 (1)	
	Elective Breadth (4)		CHEM166 (4)	
Units				
<u>Term</u>	17	12	13	
	51 ··· 5 ··· (4)	CUEN 4444 (4)	0.1153.44.40./44.4./43.2	
Year	Elective Breadth (4)	CHEM111 (4)	CHEM140/114 (4) ²	
Four	Elective Breadth (4)	CHEM143 (3)	Elective Breadth (4)	
	Elective Breadth (4) H/SS Breadth (4)	Elective Breadth (4)	H/SS Breadth (4)	
Units	n/ 33 Breduin (4)	Elective Breadth (4)		
Term	16	15	12	

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

Note: Humanities/Social Science and additional science breadth (elective) 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



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



B.S. Sample Program Plans

Math Placement is Math006A

Year One	Fall CHEM001W (3) MATH006A (4) ENGL001A (4) H/SS Breadth (4)	Winter CHEM001A, 1LA (5) MATH006B (4) ENGL001B (4) H/SS Breadth (4)	Spring CHEM001B, 1LB (5) MATH009A (4) Biol course w/lab (4)	Summer 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 Elective Breadth (4)	CHEM110B (4) CHEM150A (4) Elective Breadth (4) Elective Breadth (4)	CHEM113 (4) CHEM150B (4) CHEM191 (1) CHEM166 (4)	
	17	16	13	
Year Four	Elective Breadth (4) Elective Breadth (4) H/SS Breadth (4)	CHEM111 (4) CHEM143 (3) Elective Breadth (4) H/SS Breadth (4)	CHEM140/114 (4) ² Elective Breadth (4) Elective Breadth (4)	
	12	15	12	

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

Note: Humanities/Social Science and additional science breadth (elective) 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



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



B.S. Sample Program Plans

Math Placement is ARC35

W = = .	Fall	Winter	Spring	Summer
Year	ARC 35	MATH006A (4)	MATH006B (4)	MATHOOGR (4)
One	ENGL001A (4) H/SS Breadth (4)	ENGL001B (4) H/SS Breadth (4)	H/SS Breadth (4) H/SS Breadth (4)	MATH009B (4)
	H/SS Breadth (4)	n/33 bredutii (4)	п/33 breautii (4)	
Units	11/33 bicadii (+)			
Term	12	12	12	8
101111	12	12	12	
Year	CHEM001A, 1LA (5)	CHEM001B, 1LB (5)	CHEM001C, 1LC (5)	CHEM08A, LA (4)
Two	MATH009C (4)	MATH010A (4)	MATH010B (4)	CHEM08B, LB (4)
	PHYS040A (5)	PHYS040B (5)	PHYS040C (5)	
Units				
<u>Term</u>	13	13	13	8
Year	CHEM110A (4)	CHEM005 (5)	CHEM113 (4)	
Three	CHEM08C, LC (4)	CHEM110B (4)	CHEM150B (4)	
	MATH046 (4)	CHEM150A (4)	CHEM191 (1)	
	Biol course w/lab (4/5)	Elective Breadth (4)	CHEM 166 (4)	
Units				
<u>Term</u>	16/17	17	13	
Year	CHEM125W (5) ¹	CHEM111 (4)	CHEM140 (4)	
Four	Elective Breadth (4)	CHEM143 (3)	Elective Breadth (4)	
	Elective Breadth (4)	Elective Breadth (4)	Elective Breadth (4)	
	H/SS Breadth (4)	H/SS Breadth (4)		
Units				
<u>Term</u>	17	15	12	

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

Note: Humanities/Social Science and additional science breadth (elective) 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



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