

Chemistry Associate in Arts for Oxnard College 2023-2024

C-ID (if applicable)		VC Comparable Course	MC Comparable Course
	Required Core Courses		
CHEM 110	CHEM R120 General Chemistry I (5 units)	CHEM V01A (3 units) AND CHEM V01AL (2 units)	CHEM M01A (5 units) OR CHEM M01AH (5 units)
CHEM 120S <i>(applies to series of CHEM 110 + CHEM II)</i>	CHEM R122 General Chemistry II (5 units)	CHEM V01B (3 units) AND CHEM V01BL (2 units)	CHEM M01B (5 units)
MATH 210	MATH R120 Calculus w/Analytic Geometry I (5 units)	MATH V21A (5 units)	MATH M25A
MATH 220	MATH R121 Calculus w/Analytic Geometry II (5 units)	MATH V21B (5 units)	MATH M25B
	Required Additional Courses		
	Complete a minimum of 3 units from the courses below as required for the intended transfer institution		
CHEM 150	CHEM R130 Organic Chemistry I (5 units)	CHEM V12A (3 units) AND CHEM V12AL (2 units)	CHEM M07A (5 units)
CHEM 160S <i>(applies to series of CHEM 150 + O. CHEM II)</i>	CHEM R132 Organic Chemistry II (5 units)	CHEM V12B (3 units) AND CHEM V12BL (2 units)	CHEM M07B (5 units)
MATH 230	MATH R122 Calculus w/Analytic Geometry III (5 units)	MATH V21C (5 units)	MATH M25C
MATH 250	MATH R134 Linear Algebra (3 units)	MATH V22 (3 units)	MATH M31
MATH 240	MATH R143 Differential Equations (3 units)	MATH V23 (3 units)	MATH M35
	BIOL R101 General Biology (3 units) OR BIOL R101H Honors: General Biology (3 units)	BIOL V01 (3 units)	BIOL M01 (4 units)
	BIOL R120 Principles of Biology I (4 units)	BIOL V04 (5 units)	BIOL M02A (5 units) OR BIOL M02AH (5 units)
	Complete a minimum of 10 units in Physics from the same series, as required by the transfer institution (10-15 units)		
	Sequence 1:		
PHYS 105	PHYS R101 College Physics 1 (4 units) AND PHYS R101L College Physics 1 Lab (1 unit)	PHYS V02A (4 units) AND PHYS V02AL (1 unit)	PHYS M10A (4 units) AND PHYS M10AL (1 unit)
PHYS 110	PHYS R102 College Physics 2 (4 units) AND PHYS R102L College Physics 2 lab (1 unit)	PHYS V02B (4 units) AND PHYS V02BL (1 unit)	PHYS M10B (4 units) AND PHYS M10BL (1 unit)
	Sequence 2:		

	PHYS R121 Physics with Calculus 1 (5 units)	PHYS V03A (4 units) AND PHYS V03AL (1 unit)	No comparable course
	PHYS R122 Physics with Calculus 2 (5 units)	PHYS V03B (4 units) AND PHYS V03BL (1 unit)	No comparable course
	Sequence 3:		
PHYS 205	PHYS R131 Physics for Scientists & Engineers I (5 units)	PHYS V04 (4 units) AND PHYS V04L (1 unit)	PHYS M20A (4 units) AND PHYS M20AL (1 unit)
PHYS 210	PHYS R132 Physics for Scientists & Engineers 2 (5 units)	PHYS V05 (4 units) AND PHYS V05L (1 unit)	PHYS M20B (4 units) AND PHYS M20BL (1 unit)
PHYS 215	PHYS R133 Physics for Scientists & Engineers 3 (5 units)	PHYS V06 (4 units) AND PHYS V06L (1 unit)	PHYS M20C (4 units) AND PHYS M20CL (1 unit)
	Total Required Major Units	33-61	
	CSU GE-Breadth	39	
	Health	3	
	Kinesiology Activity	1	
	Double-Counted Units	-7-10	
	Free Electives	0	
	Total Units Required for A.A. Degree	66-94	
	OR		
	Total Required Major Units	33-61	
	IGETC	37	
	Health	3	
	Kinesiology Activity	1	
	Double-Counted Units	-7-10	
	Free Electives	0	
	Total Units Required for A.A. Degree	64-92	