



CHEMISTRY
Associate In Science Degree

The requirements for the A.S. degree in chemistry are satisfactory completion of a minimum of 60 semester units of which 40 semester units must be the required core courses shown below. The additional minimum of 20 units is to be chosen from the general education degree requirements found in the Oxnard College catalog. Students who plan to transfer to a four-year university should consult the CSU-GE or IGETC pattern for general education. This degree is designed for students who wish to earn a Bachelor of Arts or Bachelor of Science degree in chemistry at UCLA, UCSB or CSUN. *For more information contact: Yong Ma (805) 678-5053. yma@vcccd.edu or Dr. Anna Toy-Palmer (805) 678-5205 atoypalmer@vcccd.edu*

REQUIRED CORE CLASSES		UNITS
CHEM R120	General Chemistry I <i>Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	5.0
CHEM R122	General Chemistry II <i>Prerequisites: CHEM R120</i>	5.0
CHEM R130	Organic Chemistry I <i>Prerequisites: CHEM R122</i>	5.0
CHEM R132	Organic Chemistry II <i>Prerequisites: CHEM R130</i>	5.0
MATH R120	Calculus with Analytic Geometry I <i>Prerequisites: MATH R115 and MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0
MATH R121	Calculus with Analytic Geometry I <i>Prerequisites: MATH R120</i>	
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0
Total Required Major Units		40.0
Oxnard College General Education Pattern		29.0
Double-Counted Units		-(6.0)
Degree Applicable Electives (<i>needed to reach 60 units</i>)		0.0
Total Units required for the A.S. Degree		60.0

★ **General Education: A.S./A.A. degrees require completion of the Oxnard College General Education pattern**