



BIOLOGY

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Biology for Transfer (Biology AST) is intended for students who plan to complete a bachelor's degree in a "similar" major at a CSU campus. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to adegreewithaguarantee.com and seek guidance from an Oxnard College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major. See page 70 for more information. For more information contact: Dr. Michael Nicholson (805) 678-5197 mnicholson@vcccd.edu.

REQUIRED CORE CLASSES		UNITS
BIOL R120	Principles of Biology I <i>Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
BIOL R120L	Principles of Biology I Lab <i>Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
BIOL R122	Principles of Biology II <i>Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
BIOL R122L	Principles of Biology II Lab <i>Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0

List A (15.0 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
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

Select one Physics Sequence (10 Units)

Sequence 1:

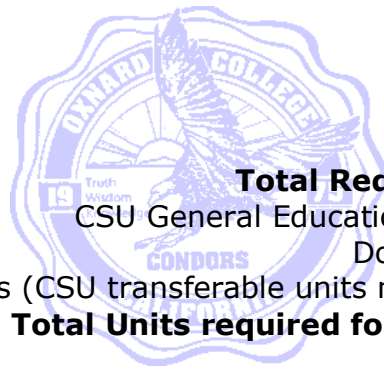
PHYS R101	College Physics 1 <i>Prerequisites: MATH R116</i>	4.0
PHYS R101L	College Physics 1 Laboratory <i>Prerequisites: PHYS R101 or concurrent enrollment</i>	1.0
PHYS R102	College Physics 2 <i>Prerequisites: PHYS R101</i>	4.0
PHYS R102L	College Physics 2 Laboratory <i>Prerequisites: PHYS R102 or concurrent enrollment</i>	1.0

-OR-

Sequence 2:

PHYS R131	Physics for Scientists and Engineers 1 <i>Prerequisites: MATH R120</i>	5.0
PHYS R132	Physics for Scientists and Engineers 2 <i>Prerequisites: MATH R121 and PHYS R131</i>	5.0

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



Total Required Major Units	35
CSU General Education <i>or</i> IGETC Pattern	31-33
Double-Counted Units	-(7-9)
Electives (CSU transferable units needed to reach 60)	1.0
Total Units required for the AS-T Degree	60