

Coastal Environmental Studies Associate in Science for Oxnard College 2023-2024

C-ID (if applicable)	Oxnard College Courses	VC Comparable Course	MC Comparable Course
	<b>Required Core Courses</b>		
	<b>Life Science Requirements (8-10 units)</b>		
	Complete both Biology courses. Most transfer institutions also require the laboratory courses as part of their degree.		
BIOL 190	BIOL R120 Principles of Biology I (4 units) AND BIOL R120L Principles of Biology I Lab (1 unit)	BIOL V04 (5 units)	BIOL M02A (5 units) OR BIOL M02AH (5 units)
BIOL 140	BIOL R122 Principles of Biology II (4 units) AND BIOL R122L Principles of Biology II Laboratory (1 unit)	BIOL V03 (5 units)	BIOL M02B (5 units)
	<b>Chemistry Requirements (10 units)</b>		
	Complete both Chemistry courses. Please note that some transfer institutions also require the organic chemistry series.		
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 (applies to the series)	CHEM R122 General Chemistry II (5 units)	CHEM V01B (3 units) AND CHEM V01BL (2 units)	CHEM M01B (5 units)
	<b>Earth Science Requirements (3-4 units)</b>		
	Complete the Physical Geology lecture course. If required by the intended transfer institution, complete the Geology lab.		
GEOL 100	GEOL R101 Physical Geology (3 units)	GEOL V02 (3 units)	GEOL M02 (3 units) OR GEOL M02H (3 units)
GEOL 100L	GEOL R101L Physical Geology Laboratory (1 unit)	GEOL V02L (1 unit)	GEOL M02L (1 unit)
	<b>Economics Requirements (3 units)</b>		
	Choose the appropriate Economics course. Some transfer institutions require both ECON R201 and ECON R202.		
ECON 201	ECON R201 Introduction to the Principles of Microeconomics (3 units) OR ECON R201H Honors: Introduction to the Principles of Microeconomics (3 units)	ECON V01B (3 units)	ECON M201 (3 units)
ECON 202	ECON R202 Introduction to the Principles of Macroeconomics (3 units) OR ECON R202H Honors: Introduction to the Principles of Macroeconomics (3 units)	ECON V01A (3 units)	ECON M202 (3 units) OR ECON M202H (3 units)
	<b>Math Requirements (10 units)</b>		
	Complete both courses in Calculus. Please note that some transfer institutions also require statistics and/or additional math courses.		

MATH 210	MATH R120 Calculus w/Analytic Geometry I (5 units)	MATH V21A (5 units)	MATH M25A (5 units) OR MATH M25AH (5 units)
MATH 220	MATH R121 Calculus w/Analytic Geometry II (5 units)	MATH V21B (5 units)	MATH M25B (5 units) OR MATH M25BH (5 units)
	<b>Physics Requirements (10-15 units)</b>		
	Complete one Physics series.		
	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
	<b>or</b>		
	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 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 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)
	<b>Social Science Requirements (3 units)</b>		
	Select 3 units from the following. Some transfer institutions require POLS R100 or POLS R104 as well as 3 additional Social Science units from the remaining choices.		
ANTH 120	ANTH R102 Introduction to Cultural Anthropology (3 units) OR ANTH R102H Honors: Introduction to Cultural Anthropology (3 units)	ANTH V02 (3 units)	ANTH M02 (3 units)
PHIL 120	PHIL R102 Intro. to Ethics (3 units) OR PHIL R102H Honors: Intro. to Ethics (3 units)	PHIL V02 (3 units)	PHIL M02 (3 units) OR PHIL M02H (3 units)
POLS 150	POLS R100 Introduction to Politics (3 units)	POLS V03 (3 units)	POLS M01 (3 units)
POLS 140	POLS R104 Introduction to International Relations (3 units)	POLS V05 (3 units)	POLS M04 (3 units)
SOCI 110	SOC R101 Intro. to Sociology (3 units) OR SOC R101H Honors: Intro. to Sociology (3 units)	SOC V01 (3 units)	SOC M110 (3 units) OR

			SOC M110H (3 units)
SOCI 115	SOC R102 Social Problems (3 units)	SOC V02 (3 units)	SOC M115 (3 units)
	<b>Coastal Studies Electives (3 units)</b>		
	Select a minimum of 3 units of electives from the list below. Some transfer institutions require ESRM R100. Students should refer to ASSIST.org for guidance on course selection.		
ENVS 100	ESRM R100 Introduction to Environmental Science (3 units)	ESRM V02* (3 units)	ENSC M01 (3 units)
	ESRM R100L Introduction to Environmental Science Lab (1 unit)	No comparable course	ENSC M01L (1 unit)
	BIOL R100 Marine Biology (3 units)	BIOL V29 (3 units)	No comparable course
	BIOL R100L Marine Biology Lab (1 unit)	BIOL V29L (1 unit)	No comparable course
	BIOL R170 Biological Marine Resource Management (1 unit) Or MST R170 Biological Marine Resource Management (1 unit)	No comparable course	No comparable course
	GEOL R103 Introduction to Oceanography (3 units) Or MST R103 Introduction to Oceanography (3 units)	GEOL V11 (3 units)	GEOL M05 (3 units)
	GEOL R103L Introduction to Oceanography Laboratory (1 unit) Or MST R103L Introduction to Oceanography (3 units)	No comparable course	GEOL M05L (1 unit)
	GEOL R178 Geological Marine Resources (1 unit) Or MST R178 Geological Marine Resources (1 unit)	No comparable course	No comparable course
	MST R199 Directed Studies in Marine-Related Topics (1 to 3 units)	No comparable course	No comparable course
	<b>Total Required Major Units</b>	<b>50-58</b>	
	Oxnard College General Education	29	
	Double-Counted Units	-12	
	Free Electives Required	0	
	<b>Total Required Units for A.S. Degree</b>	<b>67-75</b>	
	OR		
	<b>Total Required Major Units</b>	<b>50-58</b>	
	CSU GE-Breadth	39	
	Health (can be taken within CSU GE)	3	
	PE/Kinesiology activity	1	
	Double-Counted Units	-15-18	
	Free Electives Required	0	
	<b>Total Required Units for A.S. Degree</b>	<b>75-86</b>	
	OR		
	<b>Total Required Major Units</b>	<b>50-58</b>	
	IGETC	37	
	Health	3	
	PE/Kinesiology	1	
	Double-Counted Units	-16	
	Free Electives Required	0	
	<b>Total Required Units for A.S. Degree</b>	<b>75-83</b>	

\*Courses are comparable to the C-ID approved course but are not yet C-ID approved themselves. May be used as comparable for the purposes of local degrees only as indicated.