

Lower Division Department Requirements for the Environmental Science Major:

Portland State University Courses	Quarter Credits	PCC Course Equivalents	Quarter Credits
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Foundation Courses:

Bi 251, 252, 253 Principles of Biology	15	BI 211, 212, 213 Principles of Biology	15
Ch 221/227 & 222/228 (includes labs) General Chemistry	10	CH 221 & 222 (includes labs) General Chemistry	10
Ec 201 Microeconomics or EC 332	4	EC 201 Microeconomics	4
Choose 1 from: G 201/204 or Ph 201/204 or 211/214 (includes labs) or Geog 210	4-5	Choose 1 from: G 201 or PHY 201 or 211, PCC does not offer Geog 210	4
Mth 251 & 252 Calculus I & II	8	MTH 251 & 252 Calculus I & II	10
Stat 243 & 244 Probability & Statistics	8	MTH 243 & 244 Probability & Statistics	8

Environmental Science Core:

ESM 220 Intro. to Environmental Systems	4	ESR 160 Intro. to Environmental Systems	4
ESM 221 Applied Environmental Studies: Problem Solving	4	ESR 202 Applied Environmental Studies: Preparation for Problem Solving	4
ESM 222 Applied Environmental Studies: Policy Considerations	4	ESR 201 Science and Policy Considerations	4

In addition to the departmental requirements listed above, students must also complete coursework for university admission, general education requirements, and BA/BS requirements. There are a significant number of upper level requirements that cannot be completed at PCC. Meet with a PCC or PSU Academic Advisor to develop an effective transfer plan that will meet your individual needs.

PSU Environmental Programs 218 Science Building II (503) 725-9856

The **Environmental Science** Program allows students to develop the skills and interdisciplinary understanding needed to deal with environmental systems and human impacts on those systems. Students should consult with a program adviser to assure proper course planning.

The B.A./B.S. degrees in environmental science rest on an interdisciplinary curriculum that develops understanding and expertise in environmental science by building on a foundation in mathematics, natural sciences, and economics complemented by related courses in environmental policy and management. Students complete field experiences working on projects in the University, metropolitan community, and region.

The Environmental Science Program cooperates with several departments and centers, including the departments of Anthropology, Biology, Chemistry, Civil Engineering, Economics, Geography, Geology, History, Mathematics, Physics, Political Science, Sociology; the Center for Science Education; the School of Business Administration; and the College of Urban and Public Affairs.

PCC DEGREE/TRANSFER INFORMATION:

Associate of Arts/Oregon Transfer (AAOT) Degree – The courses listed above may be included in the AAOT degree. Students who complete this degree and are accepted at Oregon public universities will be admitted as having completed all lower division comprehensive and General Education requirements for a baccalaureate degree.

Associate of Science (AS) Degree – The courses listed above may be included in the AS degree. The degree does NOT guarantee that students will be accepted as having completed all lower division comprehensive and General Education requirements for a baccalaureate degree. Student should work with an Academic Advisor to plan for transfer to the school and major of their choice.

PCC endeavors to create accurate transfer guides for students; however, requirements may change without notice. Students are responsible for working with PCC advisors and their transfer institution to ensure that their academic plan will meet requirements and timelines.

Portland Community College
Transfer Center
2011-2012

Transfer Guide for:
Portland State University
Environmental Studies Major
See back page for Environmental Science at PSU

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Natural Sciences:			
Select two in a sequence for a min. 8 crs. Bi 101, 102, 103 General Biology (w/labs) Bi 252, 253 Principles of Biology Sci 341 & 342 Bio. Concepts & Applications	8	Two courses in one sequence from: BI 101, 102, 103 Biology BI 211, 212, 213 Principles of Biology BI 141, 142, 143 Habitats	8-10
Ch 104 & 105 Intro. Chemistry I & II or ESM 230 & 231 Fund. of Chemistry I & II	8	CH 104 & 105 Allied Health Chemistry I & II or ESM 230 & 231 at PSU	10
Geog 210 Physical Geography	4	No PCC equivalent. Take at PSU	-
ESM 220 Intro. to Environmental Science	4	ESR 160 Introduction to Environ. Systems.	4
ESM 221 Applied Environmental Science	4	ESR 202 Applied Environmental Studies: Preparation for Problem Solving	4
Social Science & Management			
Geog 230 Environment & Society	4	No PCC equivalent. Take at PSU	-
ESM 222 Applied Environmental Studies: Policy Consideration	4	ESR 201 Applied Environmental Studies- Science/Policy Consideration	4
Skills:			
Choose 4 credits from: Stat 243, Sci 314, Geog 496, Geog 497, or ESM 340	4	MTH 243 only equivalent available at PCC	4
WR 327 Technical Report Writing	4	WR 227 Technical and Professional Writing I	4

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The **Environmental Studies** track focuses on resource management and policy with study in the natural sciences, social sciences, geography, and environmental policy.

The Environmental Studies track is recommended for students who are interested in pursuing careers involving working in agencies or organizations that address problems in the environment.

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