



“Oceanographers use their knowledge of geology and geophysics, in addition to biology and chemistry, to study the world’s oceans and coastal waters. They study the motion and circulation of the ocean waters; the physical and chemical properties of the oceans; and how these properties affect coastal areas, climate, and weather. Oceanographers are further broken down according to their areas of expertise. For example, *physical oceanographers* study the tides, waves, currents, temperatures, density, and salinity of the ocean. They examine the interaction of various forms of energy, such as light, radar, sound, heat, and wind, with the sea, in addition to investigating the relationship between the sea, weather, and climate. *Chemical oceanographers* study the distribution of chemical compounds and chemical interactions that occur in the ocean and on the sea floor. They may investigate how pollution affects the chemistry of the ocean. *Geological and geophysical oceanographers* study the topographic features and the physical makeup of the ocean floor. Their knowledge can help companies find oil and gas off coastal waters. *Biological oceanographers*, often called marine biologists, study the distribution and migration patterns of the many diverse forms of sea life in the ocean.”

Occupational Outlook Handbook
<http://www.bls.gov/oco/ocos288.htm>

GETTING STARTED AT EVCC

Our Enrollment Services Office provides information about application, advising, orientation and registration for new and continuing students. Though advising is voluntary, all prospective and current students are invited to contact the Enrollment Services Office or the Counseling Advising and Career Center (CACC) if they would like to speak one-to-one with an advisor about getting started.

Contact:

- ◆ Enrollment Services, Jackson Ctr
425-388-9219, admissions@everettcc.edu
- ◆ CACC, Third Floor, Parks Bldg. 435-388-9263

GENERAL INFORMATION

Start your pursuit of Oceanography at EvCC, then transfer to a university for your bachelor’s degree.

Advanced degrees are usually needed to work as a professional.

EvCC offers the **Associate of Science Degree**, designed as part of a transfer agreement with a variety of universities in Washington. The degree offers qualified students priority for admission with junior status at most 4-year institutions in Washington. Students interested in colleges and universities outside of Washington may also find the requirements of this degree to be appropriate.

The **Associate of Science Degree** requires that the student complete all freshman and sophomore math and science courses and a limited number of courses in English, Humanities and Social Science. Upon transfer, the student will be eligible for junior level science courses, but will need to complete the remaining distribution requirements before graduation with a baccalaureate degree. Please discuss your interests and course selection with an advisor.

SUGGESTED PREPARATION

To begin college study in the sciences, students should have solid writing and communication skills, a strong algebra background, and high school courses in biology, chemistry and physics. Students who do not have that background may gain it at EvCC before starting the courses that will count toward their degree.

PROGRAM ADVISORS

To plan your course of study and discuss your interests, we strongly encourage you to contact an advisor. Transfer requirements need careful attention.

- Steve Grupp, Whitehorse Hall 214, 425-388-9450, sgrupp@everettcc.edu

SUGGESTED PLAN OF STUDY**

<u>First Quarter</u>		<u>Fourth Quarter</u>	
ENGL& 101	5	CHEM& 161[140]	5.5
GEOL 102 [101]	5	MATH& 152 [153]	5
MATH& 141 [140]	5	PHYS& 221/231 [121/131]	5.5
		Foreign Language*	5
<u>Second Quarter</u>		<u>Fifth Quarter</u>	
GEOL 104 [GEOS 102]	5	CHEM& 162 [150]	5.5
MATH& 144 [147]	5	MATH& 153 [154]	5
ENGL& 102 or ENGL 103	5	PHYS& 222/232 [122/132]	5.5
		Foreign Language*	5
<u>Third Quarter</u>		<u>Sixth Quarter</u>	
OCEA& 101	5	CHEM& 163 [160]	5.5
MATH& 151 [152]	5	Social Science	5
Humanities	5	PHYS& 223/233 [123/133]	5.5
		Foreign Language or Humanities or Social Science*	5

* Completion of Foreign Language classes depends upon previous background and university requirements; consult closely with an advisor.

**Please see Note 1, next page.

