

# TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered Through:

**CORVALLIS**

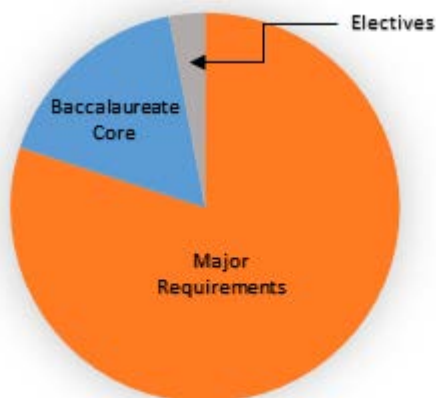
**Blue Mountain Community College**

## Environmental Engineering

Environmental Engineering is the engineering discipline that applies scientific and engineering principles to improve the natural environment, to provide healthy water, air, and land, and to remediate polluted sites. You will study the impact of engineering and chemical processes on the environment.

With an Environmental Engineering degree you may work in an interdisciplinary team in public agencies, consulting firms, construction firms, military or Peace Corps, etc. Common employment opportunities include wastewater collection and treatment, pollution in surface and ground water, and water supply and distribution.

## Bachelor of Science Degree (BS) in the College of Engineering



- A minimum of 192 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 124 credits earned at a community college may be applied toward a bachelor's degree at OSU.
- Some courses can count towards your major and the Baccalaureate Core. Advisors can assist in selection.
- OSU Catalog has a list of courses required for your major and option: [catalog.oregonstate.edu](http://catalog.oregonstate.edu)

## Courses for this Major offered at Blue Mountain Community College

Requirement	BMCC Course	OSU Course	Notes
Microbiology	BI 234	MB 230	
General Chemistry	CH 221, 222, 223	CH 231/261, 232/262, 233/263	Labs are under a separate course number at OSU.
Differential Calculus	MTH 251	MTH 251	
Integral Calculus	MTH 252	MTH 252	
Introduction to Series	MTH 253	MTH 253	
Vector Calculus	MTH 254	MTH 254	
Differential Equations	MTH 256	MTH 256	
Introduction to Matrix Algebra	MTH 261	MTH 264	MTH 261 transfers as general MTH credit, CBEE will honor towards our matrix algebra requirement.
Physics with Calculus	PH 211, 212, 213	PHY 211, 212, 213	
Integral Calculus	MTH 252	MTH 252	
Matrix & Power Series	MTH 253	MTH 264 + 265	MTH 253 will officially articulate as MTH 253, but we will count this towards our requirement of MTH 264 & 265.
Vector Calculus	MTH 254	MTH 254	
Differential Equations	MTH 256	MTH 256	
Physics with Calculus	PH 211, 212, 213	PH 211, 212, 213	



**Oregon State  
University**

## Important Notes & Resources

### Important Notes for the College and Major:

- Grade of C or better are required in all major specific courses.
- See a sample 4 year degree plan at <https://cbee.oregonstate.edu/transfer-students>
- Other similar majors to explore: Chemical and Biological Engineering
- For Environmental Engineering students, the best time to transfer is summer term, particularly due to the CBEE series courses. Talk with an OSU advisor about your specific timeline.
- CBEE 280 should be taken, after pre-requisites are met, the summer before starting upper division CBEE major coursework.

### Resources and OSU Information:

- Students do not have to complete a transfer degree in order to transfer to OSU.
  - If you've completed the Oregon AAOT, all requirements of the Baccalaureate Core are complete except for Synthesis Courses and Writing Intensive Courses.
- Preparing to apply to OSU? See admissions info: [oregonstate.edu/admissions/transfer.html](https://oregonstate.edu/admissions/transfer.html)
- Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: [partnerships.oregonstate.edu/students](https://partnerships.oregonstate.edu/students)
- Visit OSU for a campus tour and meet with an advisor; schedule your visit at [visitosu.oregonstate.edu/visit-campus](https://visitosu.oregonstate.edu/visit-campus)

## General Education Courses (called Baccalaureate Courses)

- Complete one course in each Perspectives category with no more than two in the same department.
- For full listing of courses that fulfill Baccalaureate Core, please refer to [admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-blue-mountain-community-college](https://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-blue-mountain-community-college)

<b>SKILL COURSES</b>	Math Writing I Writing II Speech (Writing III) Fitness	Completed as part of major. WR 121. Required to transfer. WR 227 COMM 111 or COMM 112 HE 295
<b>PERSPECTIVE COURSES</b>	Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture	Completed as part of major. Completed as part of major. Completed as part of major. Many options, see BaccCore link above. Many options, see BaccCore link above. Many options, see BaccCore link above. Many options, see BaccCore link above.
<b>DPD COURSES</b>	Difference, Power, and Discrimination	Many options, see BaccCore link above.
<b>SYNTHESIS COURSES</b>	Contemporary Global Issues Science, Technology, and Society	Upper division course, take through OSU. Upper division course, take through OSU.

## Advising Contacts

It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing.

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. See your community college advisor first and use this Transfer Guide to help you plan. Also, consider visiting OSU to take a campus tour and meet with an advisor. See [visitosu.oregonstate.edu/visit-campus](https://visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

<b>BMCC Advisor</b>	
<b>OSU Environmental Engineering Advisor</b>	CBEE Advisors: <a href="mailto:cbee.advising@oregonstate.edu">cbee.advising@oregonstate.edu</a>
<b>OSU College of Engineering Main Office</b>	<a href="mailto:askengineering@oregonstate.edu">askengineering@oregonstate.edu</a>