TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered Through:

CORVALLIS

Chemeketa Community College

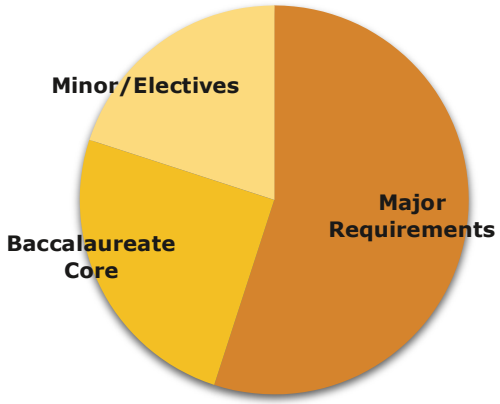
Mathematics

Mathematicians study quantities, magnitudes, and forms. They construct mathematical models of both scientific and manmade processes, which helps us to predict future events and patterns. Students are trained to think logically and precisely, and exposed to many areas of pure and applied mathematics. Mathematics students are well prepared for graduate school, careers in industry or research where mathematics plays a pivotal role. Grounding in pure or abstract mathematics gives students the analytical and problem-solving skills that industry demands.

Mathematics Options

- Applied and Computational Mathematics
- Mathematical Biology
- Secondary Teaching Emphasis
- Statistics

Your Bachelor's Degree (BS) in the College of Science



- A minimum of 180 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.
- Only courses with letter prefixes and numbers above 100 can be accepted.
- Some courses can count towards your major and the Baccalaureate Core. Check with your advisor.
- Options available. See "Important Notes".
- See the OSU Catalog for a list of courses required for your major and option: catalog.oregonstate.edu

Courses for this Major (offered at Chemeketa Community College)

Priority courses to complete before transferring are distinguished by [P]

Requirement	CCC Course	OSU Courses for Math Majors	Notes
Mathematics [P]	MTH 251 MTH 252 MTH 253 MTH 254 MTH 255 MTH 256	MTH 251 MTH 252 MTH 253 MTH 254 MTH 255 MTH 256	Math placement determines where students begin in math. Please speak to your CCC advisor.
Physics [P]	PH 211	PH 211	
Two Terms of a Sequence Course	Physics, Chemistry, Biology, **or** Geology	Physics, Chemistry, Biology, **or** Geology	Completing PH 211 & 212 is **strongly** recommended to meet this requirement.
Additional Science Requirement	Chemistry, Biology, **or** Geology	Chemistry, Biology, **or** Geology	7-8 additional science credits are required for Math majors. At least one biological science course is recommended (see back for more information).

Oregon State University

Important Notes & Resources

Important Notes for the College and Major:

- Grade requirements: C- or better in all lower division math, chemistry, and biology coursework
- See a sample degree plan by searching "Mathematics" at admissions.oregonstate.edu/find-your-major
- Option required. Select from: Applied and Computational Mathematics, Mathematical Biology, Secondary Teaching Emphasis, Statistics
- Other similar majors to explore: Physics, Engineering, and Economics
- Math, Chemistry and some Baccalaureate Core are priority courses to complete before transferring to OSU.
- It is **required** for Mathematics majors to take two courses from a sequence in one of the following subjects: Physics **(strongly recommended)**, Biology, Chemistry, or Geology.
- It is important to speak with the College of Science Transfer Advisor early on, and often, to ensure correct course selection and sequencing.

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
- Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: partnerships.oregonstate.edu/students
- Visit OSU for a campus tour and meet with an advisor; schedule your visit at visitosu.oregonstate.edu/visit-campus

General Education Courses (called the Baccalaureate Core)

- 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 https://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-chemeketa-community-college

SKILLS COURSES	Math Writing I Writing II Speech Fitness	Completed as part of major. WR 121. Required to transfer. Many options, see BaccCore link above Many options, see BaccCore link above PE 231
PERSPECTIVE COURSES	Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture	Often 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
DPD COURSE	Difference, Power, & Discrimination	Many options, see BaccCore link above
SYNTHESIS COURSES	Contemporary Global Issues Science, Technology, & Society	Upper division course, take through OSU Upper division course, take through OSU

It is important to speak with the College of Science Transfer 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 to schedule your personalized visit.

Advising Contacts & Resources

Chemeketa Community College	https://www.chemeketa.edu/students/advising/
OSU College of Science Transfer Advisor	Melissa Lee, Melissa.Lee@oregonstate.edu, 541-737-3522
OSU Science Success Center	sciencesuccess@oregonstate.edu, 541-737-3854
OSU Mathematics Website	https://math.oregonstate.edu