

Oregon State University and Chemeketa Community College Transfer Guide  
(last updated 2/18/08)

Biochemistry/Biophysics, Biology, Botany, Environmental Sciences, Microbiology,  
and Zoology Majors

This guide is subject to change without notice. Students should consult an OSU academic advisor at their earliest opportunity in order to facilitate the transfer process. In general, lower division chemistry, math, and biology should be completed in the first two years in order not to delay graduation. Biochemistry students need to have done MTH 254, organic chemistry, and physics in order to finish in 2 years at OSU.

OSU Baccalaureate Core	Cr.	Community College Equivalent	Notes/Exceptions:
<b>SKILLS COURSES (15):</b>			
Writing I	3	WR 121	
Writing II	3	*	
Writing III / Speech	3	*	
Mathematics	3	Met by major requirements	
Fitness	3	HPE 295	
<b>PERSPECTIVES COURSES (24):</b>			
Biological Science	4	Met by major requirements	
Physical Science	4	Met by major requirements	
One Additional Course in Bio or Phys Science	4	Met by major requirements	
Cultural Diversity	3	*	
Literature and the Arts	3	*	
Social Processes and Institutions	3	* Env. Sci. students take EC 201	
Western Culture	3	*	
<b>DPD COURSE (3):</b>			
Difference, Power & Discrimination	3	*	
<b>SYNTHESIS COURSES (6 upper div):</b>			
Science, Technology & Society	3	Take at OSU	
Contemporary Global Issues	3	Take at OSU	

\*See a counselor or academic advisor for a list of approved courses or consult the articulation tables on the web at: [http://oregonstate.edu/admissions/transfer/bacc\\_core\\_1140.html](http://oregonstate.edu/admissions/transfer/bacc_core_1140.html) No more than two courses from any one department may be used to satisfy the Perspectives category of the core. The Oregon AAOT satisfies all lower division requirements of the Baccalaureate Core (everything except Synthesis.)

**College Core Requirements**

OSU Program	Cr.	Community College Equivalent
12 cr. Mathematical sciences	12	Must have 12 credits of mathematical sciences. May include statistics and one course in computer science. May double count with major courses.
15 credits of physical, earth, and/or biological sciences to include a two-term sequence	15	Met by major requirements

## Major Requirements

OSU Program	Cr.	Community College Equivalent
BI 211, 212, 213	12/16	Recommend: BOT 201 and ZOO 201 plus 1 additional term of BOT 202, 203, ZOO 202, or ZOO 203. Botany majors should take BOT 201, 202, 203 plus ZOO 201; Zoology and pre-professional students such as pre-med, dental, pharmacy and vet should take ZOO 201, 202, 203 plus BOT 201.
CH 221, 222, 223 or 121, 122, 123 or	15	CH 221, 222, 223 or 121, 122, 123. Biochemistry majors and students planning to enter dental, medical, optometry, pharmacy, or graduate school should take CH 221, 222, 223. Note that the CH 104-106 and 115-117 sequences at Chemeketa do not meet the OSU General Chemistry requirement and will not allow students to take organic chemistry at OSU.
PH 201, 202, 203 or PH 211, 212, 213	15/12	PH 201, 202, 203 or PH 211, 212, 213 for Biochemistry. (Env. Sci. & Zoology require only PH 201 & 202, but students intending to go to professional or graduate school should take PH 203.)
MTH 251, 252 Biochemistry majors take MTH 253, 254	8/10 8	MTH 251, 252 (Botany majors may take MTH 241 & 243) Biochemistry majors also take MTH 253, 254
CH 331, 332, 337 Env. Sci. does not require organic chemistry except for certain options.	12/15	CH 241 & 241B, 242 & 242B, 243 & 243B. This sequence will meet the CH 331, 332, 337 requirement at OSU, but will transfer in as lower division credit. Students who have passed the entire organic chemistry sequence at Chemeketa with a grade of C or better may receive upper division (300 level) credit at OSU with an acceptable score on the ACS national exam. See <a href="http://www.chemistry.oregonstate.edu/undergrad/advising/organicchemistrytransfer.htm">http://www.chemistry.oregonstate.edu/undergrad/advising/organicchemistrytransfer.htm</a> for further details.
Env. Sci. students only take courses below:		Courses below required for Environmental Sciences students only
GEO 202	4	GEO 202 or GS 142
ATS 210	3	GS 120

### Important web sites:

Oregon State University	<a href="http://oregonstate.edu">http://oregonstate.edu</a>
Transfer Student Information	<a href="http://oregonstate.edu/admissions/transfer.html">http://oregonstate.edu/admissions/transfer.html</a>
OSU College of Science	<a href="http://science.oregonstate.edu">http://science.oregonstate.edu</a>
Advising in the College of Science	<a href="http://science.oregonstate.edu/node/50">http://science.oregonstate.edu/node/50</a>
Degree Partnership Program	<a href="http://oregonstate.edu/partnerships/students/">http://oregonstate.edu/partnerships/students/</a>

### CONTACTS:

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### NOTE:

- A minimum of 180 credits are required for graduation. 60 must be upper division (300 & 400).
- A maximum of 124 credits are earned at a community college may be applied toward a baccalaureate degree.
- Only courses with letter prefixes and number above 100 are accepted at OSU. 12 quarters of professional technical are transferable as general elective, pass credits.
- Departments, schools or colleges at OSU may restrict the courses used by their major students to satisfy each general educational component.
- OSU will accept D grades. Some departments, schools or colleges within OSU may not accept D's in required courses.
- Transfer students should apply for admission to OSU.

### Priority deadline dates:

<u>Term of Entry</u>	<u>Freshman Applicants</u>	<u>Transfer Applicants</u>	<u>International</u>
Summer	February 1	May 1	March 15
Fall	February 1	May 1	June 15
Winter	December 1	November 1	September 15
Spring	March 1	March 1	December 15