

Oregon State University and Umpqua Community College Transfer Guide  
(last updated 2/25/08)

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 ECON 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	12/15	BI 211, 212, 213
CH 121, 122, 123 or 221, 222, 223	15	CH 221, 222, 223. Biochemistry majors and students planning to enter dental, medical, optometry, pharmacy, or graduate school should take CH 221, 222, 223. Note that CH 104, 105, 106 at UCC does 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	PH 201, 202, 203 or PH 211, 212, 213 for Biochemistry majors. (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 8	MTH 251, 252 Biochemistry majors also take MTH 253, 254
CH 331, 332, 337 Env. Sci. does not require organic chemistry except for certain options.	12	CH 241, 242, 243. 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 UCC 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 GEO 202	4	G 202 (required for Env. Sci. student only)

Important web sites:

Oregon State University

<http://oregonstate.edu>

Transfer Student Information

<http://oregonstate.edu/admissions/transfer.html>

OSU College of Science

<http://science.oregonstate.edu>

Advising in the College of Science

<http://science.oregonstate.edu/node/50>

Degree Partnership Program

<http://oregonstate.edu/partnerships/students/>

CONTACTS:

Biochemistry/Biophysics

Dr. Kevin Ahern

[ahernk@onid.orst.edu](mailto:ahernk@onid.orst.edu)

Biology

Brock McLeod

[mcleodb@science.oregonstate.edu](mailto:mcleodb@science.oregonstate.edu)

Botany

Dr. Richard Halse

[halserr@science.oregonstate.edu](mailto:halserr@science.oregonstate.edu)

Environmental Sciences

Jessica Cardinal

[Jessica.cardinal@oregonstate.edu](mailto:Jessica.cardinal@oregonstate.edu)

Microbiology

Dr. Linda Bruslind

[bruslindl@orst.edu](mailto:bruslindl@orst.edu)

Zoology

Shawna Harvey

[Shawna.harvey@oregonstate.edu](mailto:Shawna.harvey@oregonstate.edu)

Head Advisor, College of Science

Mary Ann Matzke

[maryann.matzke@oregonstate.edu](mailto:maryann.matzke@oregonstate.edu)

NOTE:

- A minimum of 180 credits are required for graduation. 60 must be upper division (300 & 400).
- A maximum of 124 credits 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.
- This guide is subject to change without notice. Students should visit with an OSU advisor if they have any questions.
- Transfer students should apply for admission to OSU.

Priority OSU application deadline dates:

Term of Entry

Freshman Applicants

Transfer Applicants

International

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