

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

Chemistry, Physics, and Computational Physics 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, physics, and math courses should be completed in the first two years in order not to delay graduation.

OSU Baccalaureate Core	Cr.	Community College Equivalent	Notes/Exceptions:
SKILLS COURSES (15):			
Writing I	3	WR 121	
Writing II	3	*	
Writing III / Speech	3	*	
Mathematics	3	Met by major requirements	
Fitness	3	PE 231	
PERSPECTIVES COURSES (24):			
Biological Science	4	*See Biology below	
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	*	
Western Culture	3	*	
DPD COURSE (3):			
Difference, Power & Discrimination	3	*	
SYNTHESIS COURSES (6 upper div):			
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 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
Biology	4-12	Some options in Chemistry including Pre-medicine require BI 201, 202, 203; otherwise one term of BI 201, 202, 203 to meet Bacc Core is sufficient.
CH 221, 222, 223	15	CH 221, 222, 223 (Computational Physics majors only take CH 221 & 222)
PH 211, 212, 213, 221, 222, 223	15	PH 211, 212, 213 (Some options in Chemistry require only PH 201, 202, 203)

MTH 251, 252, 253, 254	16	MTH 251, 252, 253, 254 (Some options in Chemistry do not require MTH 253)
Chem majors take CH 334, 335, 336, 361	12	Not currently offered at SWOCC. Take at OSU
Physics majors take MTH 255 & MTH 256	8	Physics majors only: MTH 255 & 256
Computational Physics majors take MTH 232, 255 & 256, CS 161, 162, 261	24	MTH 232, 255, 256 CS 161, 162, 261

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:

Department of Chemistry 541-737-2081
<http://www.chemistry.oregonstate.edu/undergrad/>
 Department of Physics 541-737-4631
<http://physics.oregonstate.edu/uginfo>

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.
- Transfer students should apply for admission to OSU.

Priority OSU application 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