

Oregon State University and Chemeketa Community College Transfer Guide  
(last updated 6/30/09)

General Science Major with a pre-professional option in Health Sciences

The General Science major at OSU requires an option. The options available for a B.S. in General Science are: Pre-dentistry(PD), Pre-optometry(OPT), Pre-pharmacy(PHAR), Pre-physical therapy(PT), Pre-physician assistant(PA), Pre-podiatry(POD), and Pre-veterinary medicine(PVM). Pre-medical students are encouraged to choose an academic major such as Biochemistry/Biophysics, Biology, Chemistry, or Microbiology.

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.

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	*SP 218 or 112 for PHAR	
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	* PSY 201 & 202 required for OPT,PT,PA. PSY 201 & EC 200, 201, or 202 for PHAR.	
Western Culture	3	*	
<b>DPD COURSE (3):</b>			
Difference, Power & Discrimination	3	* SOC 206 for PA & PT	
<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	BI 211, 212, 213
CH 221, 222, 223 or CH 121, 122, 123	15	CH 221, 222, 223 or 121, 122, 123. 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	15/12	PH 201, 202, 203
CH 331, 332, 337	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.
Z 331, 341, 332, 342, 333, 343 (required for PD, OPT, PA, & PT)	15/12	Bi 231, 232, 233. This sequence will meet the Z 331/341 series at OSU, but it will transfer in as lower division credit. Students need 60 upper division (300 & up) credits to graduate.
MTH varies by option. A total of 12 credits in MTH, ST, or CS are required.	12	MTH 251 and either MTH 252 or MTH 243 for pre-dental MTH 241 & MTH 243 for pre-pharmacy (MTH 112 recommended for physics) MTH 251 & 252 for pre-optometry MTH 112 & MTH 243 for pre-physical therapy MTH 112 & MTH 243 & MTH 244 for physician assistant and podiatry MTH 112 for vet med

### 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:

Pre-dentistry/pre-podiatry/pre-medical	Chere Pereira	<a href="mailto:chere.pereira@oregonstate.edu">chere.pereira@oregonstate.edu</a>
Pre-optometry/pre-physical therapy/ pre-physician assistant	Ariella Wolf	<a href="mailto:Ariella.wolf@oregonstate.edu">Ariella.wolf@oregonstate.edu</a>
Pre-veterinary medicine	Lynne Houck	<a href="mailto:houckl@science.oregonstate.edu">houckl@science.oregonstate.edu</a>
Pre-pharmacy	Angela Austin Haney	<a href="mailto:angela.austinhaney@oregonstat.e.edu">angela.austinhaney@oregonstat.e.edu</a>
Head Advisor, College of Science	Mary Ann Matzke	<a href="mailto:maryann.matzke@oregonstate.edu">maryann.matzke@oregonstate.edu</a>

### 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.
- 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:

<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