

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

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	*ENG 100	
Writing II	3	*ENG 201 or 215 or 225	
Writing III / Speech	3	*SP 251 (not SP 151) req'd for PHAR	
Mathematics	3	Met by major requirements	
Fitness	3	*	
<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	*REL 150	
Literature and the Arts	3	*ART 101	
Social Processes and Institutions	3	PSY 100 required for OPT, PT, PA. PSY 100 & ECON 130 or 131 for PHAR.	
Western Culture	3	*HIST 151 or 152	
<b>DPD COURSE (3):</b>			
Difference, Power & Discrimination	3	*HIST 281	
<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 other approved courses.

The AA Direct Transfer Degree from Leeward Community College will meet all of the OSU Bacc Core, except for the 2 courses in the Synthesis category.

No more than two courses from any one department may be used to satisfy the Perspectives category of the core.

**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	BIOL 171 + 171L and BIOL 172 + 172L (must have laboratories)
CH 221, 222, 223	15	CHEM 161B & 162B.
PH 201, 202, 203	15	PHYS 151 & 151L and PHYS 152 & 152L.
CH 331, 332, 337	12	Not available at Leeward Community College. Take CHEM 272-273 & 272L-273L at University of Hawaii-Manoa. This sequence will meet the CH 331, 332, 337 requirement at OSU, but will transfer in as lower division credit.
Z 331, 341, 332, 342, 333, 343 (required for PD, OPT, PA, & PT)	15	ZOOL 240 & 241 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 205 and either MTH 206 or MTH 115 for pre-dental MTH 205 and MTH 115 for pre-pharmacy MTH 205 and 206 for pre-optometry MTH 140 and MTH 115 for pre-physical therapy, pre-physician assistant, and podiatry. MTH 140 and MTH 115 for pre-vet Note: a total of 12 quarter credits of Math are required to graduate. This may include statistics and one computer science course.

### 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/ and pre-physician assistant	Ariella Wolf	<a href="mailto:Ariella.wolf@oregonstate.edu">Ariella.wolf@oregonstate.edu</a>
Pre-veterinary medicine	Dr. 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.
- 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