

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

Mathematics and Mathematical Sciences Majors  
(includes option in secondary teaching)

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 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:
<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	*	
Physical Science	4	*PH 211	
One Additional Course in Bio or Phys Science	4	*Must complete 15 cr. with a two term sequence in science	
Cultural Diversity	3	*	
Literature and the Arts	3	*	
Social Processes and Institutions	3	*	
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	Met by major requirements
15 credits of physical, earth, and/or biological sciences to include a two-term sequence	15	Includes Bacc Core. Math majors take PH 211 and additional science to total 15 credits with a two term sequence.

**Major Requirements**

OSU Program	Cr.	Community College Equivalent
PH 211	4/5	PH 211
MTH 251, 252, 253, 254, 256	20/24	MTH 251, 252, 253, 254, 256 (Note: MTH 255 is required for the Math major at OSU, but is not taught at Clackamas.) (Mth 254 & 255 are not required for the Mathematical Sciences major.)

Mathematical Sciences majors also take:		
CS 161, 162, 261	16	CS 161, 162, 260
ST 201	3/4	MTH 243

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 Mathematics 541-737-4686  
[http://www.math.oregonstate.edu/undergrad\\_programs](http://www.math.oregonstate.edu/undergrad_programs)

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