

Oregon State University and Treasure Valley Community College Transfer Guide  
(last updated 2/26/08)

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   | WR 121   |                   |
| Writing II                                   | 3   | *  |                   |
| Writing III / Speech                         | 3   | *Speech required for PHAR (consult advisor)                                  |                   |
| 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   | * PSYC 201 & 202 required for OPT,PT,PA. PSYC 201 & EC 201, or 202 for PHAR. |                   |
| 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 | BIOL 211, 212, 213  |
| CH 121, 122, 123 or 221, 222, 223   | 15    | CHEM 121, 122, 123 or 221, 222, 223. Students planning to enter dental, medical, optometry, pharmacy, or graduate school should take CHEM 221, 222, 223. Note that CHEM 104, 105, 106 at TVCC does not meet the OSU General Chemistry requirement and will not allow students to take organic chemistry at OSU.   |
| PH 201, 202, 203  | 15/12 | PHYS 201, 202, 203  |
| CH 331, 332, 337  | 12/15 | CHEM 227, 228, 229. 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 BMCC 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 | BIOL 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. |       | MATH 251 and either MATH 252 or MATH 243 for pre-dental<br>MATH 241 & MATH 243 for pre-pharmacy (MATH 112 recommended for physics)<br>MATH 251 & 252 plus MATH 243 & 244 for pre-optometry<br>MATH 112 & MATH 243 for pre-physical therapy<br>MATH 112 & MATH 243 & 244 for physician assistant and podiatry<br>MATH 251 & MATH 243 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/<br>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          |