

Oregon State University College of Science Graduation Checklist 2006-2007

General Science/Pre-Veterinary Medicine

Name _____ Student ID _____

BACCALAUREATE CORE REQUIREMENTS (48 credits + 3 credits WIC)

Courses which meet each requirement are listed in the *Sched. of Classes*, the *General Catalog* & <http://catalog.oregonstate.edu/bcc.aspx>.
If only one course meets a requirement, it is listed below.

Skills Courses (15 cr + WIC):

- | | |
|--|---------------------------|
| <input type="checkbox"/> Writing I (3) | <u>WR 121</u> |
| <input type="checkbox"/> Writing II (3) | _____ |
| <input type="checkbox"/> Writing III/Speech III (3) | _____ |
| <input checked="" type="checkbox"/> Mathematics (3) | <u>Fulfilled below</u> |
| <input type="checkbox"/> Lifetime Fitness (2) | <u>HHS 231 or NFM 232</u> |
| <input type="checkbox"/> Lifetime Fitness Lab (1) | <u>HHS 241-248</u> |
| <input checked="" type="checkbox"/> Writing Intensive Course (3) | <u>Fulfilled below</u> |

Perspectives Courses (27 cr):

No more than two courses from any one department may be used by a student to satisfy the Perspectives category:

- | | |
|---|------------------------|
| <input checked="" type="checkbox"/> Physical Science (with lab) (4) | <u>Fulfilled below</u> |
| <input checked="" type="checkbox"/> Biological Science (with lab) (4) | <u>Fulfilled below</u> |
| <input checked="" type="checkbox"/> Second Phys. or Biol. Sci. (with lab) (4) | <u>Fulfilled below</u> |
| <input type="checkbox"/> Western Culture (3) | _____ |
| <input type="checkbox"/> Cultural Diversity (3) | _____ |
| <input type="checkbox"/> Literature and the Arts (3) | _____ |
| <input type="checkbox"/> Social Processes and Institutions (3) | _____ |
| <input type="checkbox"/> Difference, Power, and Discrimination (3) | _____ |

Synthesis Courses (6 cr):

*The two courses used to fulfill the Synthesis requirements may **not** be in the same department.*

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|---|-------|
| <input type="checkbox"/> Contemporary Global Issues (3) | _____ |
| <input type="checkbox"/> Science, Technology, & Society (3) | _____ |

MAJOR REQUIREMENTS: *Required science courses may not be taken on an S/U graded basis.*

- | | |
|--|--|
| <input type="checkbox"/> CH 221 General Chemistry (5 cr) | <input type="checkbox"/> BI 213 Principles of Biology (4 cr) |
| <input type="checkbox"/> CH 222 General Chemistry (5 cr) | <input type="checkbox"/> BI 314 Cell and Molecular Biology (4 cr) |
| <input type="checkbox"/> CH 223 General Chemistry (5 cr)
(or CH 121, CH 122, CH 123) | <input type="checkbox"/> BI 311 Genetics (4 cr) |
| <input type="checkbox"/> CH 331 Organic Chemistry (4 cr) | <input type="checkbox"/> BB 450 General Biochemistry (4 cr) |
| <input type="checkbox"/> CH 332 Organic Chemistry (4 cr) | <input type="checkbox"/> BB 451 General Biochemistry (3 cr)
or BB 350 (4) instead of BB 450 and BB 451 |
| <input type="checkbox"/> CH 337 Organic Chem Lab (3 cr) (4 cr as of Spr 2006) | <input type="checkbox"/> PH 201 General Physics (5 cr) |
| <input type="checkbox"/> BI 211 Principles of Biology (4 cr) | <input type="checkbox"/> PH 202 General Physics (5 cr) |
| <input type="checkbox"/> BI 212 Principles of Biology (4 cr) | <input type="checkbox"/> PH 203 General Physics (5 cr) |
| <input type="checkbox"/> MTH (through 112; 12 credits required; may include ST, CS) _____ | |
| <input type="checkbox"/> ^HSTS 415, 417, or 425 (3 cr) (can also count as WIC) | |
| <input type="checkbox"/> Writing Intensive Course (WIC) (3 cr) | |
| <input type="checkbox"/> UD Biological Science (Must include one lab) (6) _____ | |
| <input type="checkbox"/> Other UD science to total 38 credits (Including CH, BB, etc.) _____ | |

PRE-VETERINARY OPTION

- | | |
|---|--|
| <input type="checkbox"/> VM 110 PreVeterinary Medicine (1) Recommended | <input type="checkbox"/> ANS 311 Animal Nutrition (3) REQUIRED for vet school admission (not a General Sci degree requirement) |
| <input type="checkbox"/> ANS 121 Intro Animal Science (4) Recommended | <input type="checkbox"/> PHL 444 Biomedical Ethics (4) Recommended
(fulfills Sci, Tech. & Society Bac Core requirement) |
| <input type="checkbox"/> ANS 210 Applied An. Nutrition (3) Prereq for ANS 311 | <input type="checkbox"/> Z 410 or BI 410 Internship (1+ cr) Recommended |

SUMMARY OF REQUIREMENTS:

___ 180 credits total ___ 60 UD ___ 38 UD science ___ 2.0 GPA overall and in major
___ 2 yrs. high school foreign language or 2 terms at university