UNIVERSITY GRADUATION REQUIREMENTS: OSU’s minimum credit hour requirements are met by combining Baccalaureate Core and major courses plus other electives of your choice. Additional electives may be needed to reach the university degree requirements.

- 180 credits – Minimum number of credits required for a BS degree
- 60 credits – Minimum number of upper division (300-level or above) credits required
- 2.0 Cumulative OSU GPA
- 45 of the last 75 credits (or 150 total credits) of coursework must be from OSU

A. BACCALAUREATE CORE REQUIREMENTS: Total of 48 credits plus WIC course. No single course may be used to satisfy more than one area of the Bacc Core, except WIC. Courses fulfilled through the major are checked.

| Skills Courses (15 credits) | | |
|-----------------------------|------------------|
| Writing I: WR 121 (3 cr)    | Math 105 or higher (3 cr) |
| Writing II (3 cr)           | Fitness Lecture (2 cr) HHS 231 |
| Speech (3 cr) (COMM 111, 114, or 218) | Fitness Lab (1 cr) |

| Perspectives Courses (24 credits) | | |
|-----------------------------------|------------------|
| Physical Science w/laboratory (4 cr) | Cultural DiversityCD (3 cr) |
| Biological Science w/lab (4 cr) | Literature and the ArtsLA(3 cr) |
| Biological or Physical Science w/Lab (4 cr) | Social Proc. and Inst.St (3 cr) [See C Economics] |

Difference, Power, and Discrimination (3 credits)

- Difference, Power, and Discrimination [PD] (3 cr) [suggested: AG 301, ES 353, FW 340, GEO 309]

Synthesis Courses (6 credits) – These two courses must be upper division, from different subjects.

- Contemporary Global Issues (3 cr)
- Science, Technology, and Society (3 cr)

Writing Intensive Course (3-4 credits) - Consult with your advisor about alternative approved courses.

- Writing Intensive Course [WIC] (3-4 credits)

Environmental Sciences Major Requirements: Courses taken in this section can double count with Bacc Core requirements. Students cannot S/U major requirements. *A grade of C- or better is required in MTH 251, CH, BI series, and ST series.

B. BASIC SCIENCE AND MATH COURSES (51-53 credits)

<table>
<thead>
<tr>
<th>Math (8 credits)</th>
<th>Biology (12 credits)</th>
<th>Statistics (8 credits)</th>
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</thead>
<tbody>
<tr>
<td>MTH 251*</td>
<td>BI 211*</td>
<td>ST 351*</td>
</tr>
<tr>
<td>MTH 252</td>
<td>BI 212*</td>
<td>ST 352*</td>
</tr>
<tr>
<td></td>
<td>BI 213*</td>
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</tbody>
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Chemistry (15 credits)

- CH 121 or (CH 231 + CH 261)*
- CH 122 or (CH 232 + CH 262)*
- CH 123 or (CH 233 + CH 263)

Physics (8-10 credits) – Two quarters or one semester

- PH 201 or PH 211
- PH 202 or PH 212
C. ENVIRONMENTAL SCIENCES AND HUMANITIES CORE: Courses taken in this section can double count with Bacc Core requirements. A grade of C- or better required in all upper division. Students cannot S/U major requirements.

Environmental Sciences Orientation (1 credit)
☐ ENSC 101 [Offered fall term only]

Natural Environmental Systems (12-17 credits) – Choose one course for each requirement
☐ Atmosphere (3-4 credits) ......................................................... ATS 201, ATS 310, ATS 420, GEOG 323WIC
☐ Biosphere (3 credits) .............................................................. BI 370
☐ Geosphere (3-4 credits) .......................................................... GEO 202, GEO 221, GEO 322, GEOG 102, GEOG 350, SOIL 205/206, SOIL 395\W
☐ Hydrosphere (3-5 credits) ....................................................... FW 456, GEO 487, GEOG 340G, OC 201

Humans and the Environment (15-20 credits) – Choose one course to fulfill each requirement
☐ Economics (3-4 credits) ......................................................... AEC 250I, ECON 201I, FW 462
☐ Human Environment (3-4 credits) ......................................... AG 301\DPD, ATS 320I, BI 301G, BI 348I, ENSC 479S\WIC, FW 325I, FW/HSTS 470I, GEO 308G, GEOG 203\DPD, GEOG 303\G, GEOG 431, GEOG 450, HST 481I, SUS 102, SUS 330, SUS 350G, WSCS 440, Z 349

D. SPECIALIZATION AREA: Total credits should be ≥27. Courses taken in Specialization Area can double count with Bacc Core requirements. Courses taken in Specialization Area cannot double count with Basic Science and Math Courses or Environmental Sciences and Humanities Core. A list of specializations is available at http://ceoas.oregonstate.edu/envsci/. Contact your advisor to declare a specialization.

E. EXPERIENTIAL LEARNING: (3 credits) - Requirement can be met by one of the following.
☐ ENSC 410 Internship
☐ ENSC 401 Research
☐ Programs (SEA, Hatfield Marine Science Center, Study Abroad, IE3 Global Internships, etc.)
☐ Coursework - Courses that provide hands-on training in lab or field research methods, mapping techniques (field or GIS), or environmental planning and project design. These classes can double count with any other Bacc Core or Environmental Sciences requirement. Consult with your advisor for alternative approved courses. Examples include: BI 352, BI 371, CH 324, BOT 341, BOT 440, FW 255, GEOG 360, RNG 441, SOIL 466

F = fall  Sp = spring  DPD = Difference, Power, and Discrimination  S = Science, Technology and Society  
W = winter  BOLD = Ecampus ONLY classes  G = Contemporary Global Issues  WIC = Writing Intensive

WC = Western Culture