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)
- Writing II (3 cr)
- Speech (3 cr) (COMM 111, 114, or 218)

Perspectives Courses (24 credits) – No more than two courses from any one subject may be used.
- Physical Science w/laboratory (4 cr)
- Biological Science w/lab (4 cr)
- Biological or Physical Science w/Lab (4 cr)

Difference, Power, and Discrimination (3 credits)
- Difference, Power, and Discrimination [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 [3-4 credits]

Approved WIC courses: AEC 434, AEC 461, AG 421, BB/BI 317, BI 306H, BI 371, BOT 323, ECON 428, ECON 439, ENSC 479, FOR 460, FW 435, GEO 427, GEOG 323, GEOG 330, HSTS 415, HSTS 419, HSTS 425, PS 449

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)

Math (8 credits)
- MTH 251*
- MTH 252

Biology (12 credits)
- BI 211*
- BI 212*
- BI 213*

Statistics (8 credits)
- ST 351*
- ST 352*

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 395S
- Hydrosphere (3-5 credits)
  - FW 456, GEO 487, GEOG 340, OC 201

Humans and the Environment (15-20 credits) – Choose one course to fulfill each requirement
- Economics (3-4 credits)
  - AEC 250, ECON 201, FW 462
- Ethics (3-4 credits)
- Human Environment (3-4 credits)
- Law and Policy (3-4 credits)
  - AEC 253WC, AEC 351I, AEC/ECON 352I, AEC 432, FOR 462, FW 415, FW 422, GEOG 340G, PS 475, PS 476I, PS 477, SOC 360DPD, WGSS 440I
- Management (3-4 credits)

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/](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
W = winter
BOLD = Ecampus ONLY classes
DPD = Difference, Power, and Discrimination
G = Contemporary Global Issues
S = Science, Technology and Society
WIC = Writing Intensive
WC = Western Culture