### A. OSU BACCALAUREATE CORE (51 credits) – further your understanding of the modern world

1. For complete policies and eligible courses refer to the OSU General Catalog: [http://catalog.oregonstate.edu/bcc.aspx](http://catalog.oregonstate.edu/bcc.aspx); 2. For courses offered thru Ecampus, go to: [http://ecampus.oregonstate.edu/soc/ecatalog/bcc.htm](http://ecampus.oregonstate.edu/soc/ecatalog/bcc.htm); 3. Post-bacc students only need Writing Intensive Course in this section.

#### Skills (15 credits) – Transfer students with sophomore standing or above must complete WR II and Speech within the first 45 hours of OSU coursework.

<table>
<thead>
<tr>
<th>( ) Writing I (3)</th>
<th>WR 121 with a C- or better</th>
<th>( ) Fitness Lecture – HHS 231 (2)</th>
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<tbody>
<tr>
<td>( ) Writing II (3)</td>
<td>( ) Fitness Lab – HHS 241 or PAC (1)</td>
<td></td>
</tr>
<tr>
<td>( ) Speech (3)</td>
<td>( ) Mathematics (3-4)</td>
<td>Fulfilled in Section B</td>
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#### Perspectives (27 credits) – No more than 2 courses from any one dept. may be used to satisfy the Perspectives requirement.

<table>
<thead>
<tr>
<th>(X) Physical Science w/lab (4)</th>
<th>( ) Cultural Diversity (3)</th>
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<tbody>
<tr>
<td>(X) Bio. Science w/lab (4)</td>
<td>( ) Literature and Arts (3)</td>
</tr>
<tr>
<td>(X) Phys. or Bio. Science (4)</td>
<td>(X) Social Proc. &amp; Inst. (3) Fulfilled in Section C</td>
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<td></td>
<td>( ) Western Culture (3)</td>
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#### Difference, Power and Discrimination (3 credits)

- e.g. AG 301, FW 340, GEO 309

#### Synthesis (6 credits) – Courses may not be from same dept.

- ( ) Contemporary Global Issues (3) e.g. AREC 351, FW 325, PHL 443, or see Bacc Core
- ( ) Science, Tech & Society (3) e.g. ANTH 481, AREC 352, ENSC 479, or see Bacc Core

### B. BASIC SCIENCE AND MATH (53-55 credits) – develop a foundation for courses taken in the major

1. NO SIU grades; 2. A grade of C- or better is recommended before continuing with the next course in a sequence; 3. All sequences may be taken in-person with prior approval – [http://ecampus.oregonstate.edu/online-degrees/undergraduate/es/BasicMTH-SCiguidelines.pdf](http://ecampus.oregonstate.edu/online-degrees/undergraduate/es/BasicMTH-SCiguidelines.pdf); 4. Financial aid may not be disbursed for courses taken locally; 5. Sequences are listed in the order we recommend they be completed, as follows:

#### 1. Math
- Two terms of calculus
- Exam score =

<table>
<thead>
<tr>
<th>( ) MTH 251 (4) or equivalent</th>
<th>( ) CH 121 (5) or equivalent</th>
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<tbody>
<tr>
<td>( ) MTH 252 (4) or equivalent</td>
<td>( ) CH 122 (5) or equivalent</td>
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<td>( ) CH 123 (5) or equivalent</td>
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#### 2. Chemistry
- Full year of general chemistry

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<th>( ) CH 121 (5) or equivalent</th>
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<tbody>
<tr>
<td>( ) CH 122 (5) or equivalent</td>
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<tr>
<td>( ) CH 123 (5) or equivalent</td>
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</tbody>
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#### 3. Biology
- Full year w/lab for majors
- Now online thru OSU. If full sequence not taken at OSU, approval by the biology department will be required.

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<tr>
<th>( ) BI 204 (4) or equivalent</th>
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<td>( ) BI 205 (4) or equivalent</td>
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<td>( ) BI 206 (4) or equivalent</td>
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#### 4. Physics
- Two terms/one semester of algebra-based physics
- May be taken online at Chemeketa CC.
- Take a full year if planning graduate school in science field

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<tr>
<th>( ) PH 201 (5) or equivalent</th>
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<tbody>
<tr>
<td>( ) PH 202 (5) or equivalent</td>
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<tr>
<td>( ) PH 203 (5) or equivalent</td>
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#### 5. Statistics
- Two terms of statistics
- May take MTH 243/244 at Chemeketa CC; however, transfers as lower-division, not upper-division, credit.

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<th>( ) ST 351 (4) or equivalent</th>
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<tbody>
<tr>
<td>( ) ST 352 (4) or equivalent</td>
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</table>

**Notes:**

- For courses offered thru Ecampus, go to: [http://ecampus.oregonstate.edu/soc/ecatalog/bcc.htm](http://ecampus.oregonstate.edu/soc/ecatalog/bcc.htm)
- Some courses taken in Section A may fulfill requirements in Section B/C/D – See headnote 1 & 3 in Section C for explanation.

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**Rev. 04/28/15**
C. ENVIRONMENTAL SCIENCES and HUMANITIES CORE (27-34 credits) – gain breadth in environmental sciences

   ① NO SIU grades; ② NO double counting between Section C and D, or within C and D – okay between all others; ③ Some requirements in this section can be met with courses that also fulfill Bacc Core requirements (Section A); courses (below) that can double count are indicated with the following superscripts WC=Western Culture; SI=Social Processes & Inst; G=Cont Global Issues; S = Science, Tech & Society; DPD=Difference, Power & Disc; WIC=Writing Intensive Course ④ Courses may have prereqs you should complete first; enforced prereqs may require instructor permission to register.

1. Natural Environmental Systems (12-15 credits) – Choose one course for each requirement

   ( ) Atmosphere ___________________________ 3-4 ATS 210 or GEO 323\textsuperscript{WC}
   ( ) Biosphere ___________________________ 3 BI 370
   ( ) Hydrosphere ____________________________ 3-5 GEO 335\textsuperscript{S}, GEO 487, FW 456 or OC 201
   ( ) Lithosphere ____________________________ 3-4 GEO 221 or GEO 352\textsuperscript{S}, SOIL 205, SOIL 395\textsuperscript{S}

2. Humans and the Environment (15-19 credits) – Choose one course for each requirement

   ( ) Economics ____________________________ 3-4 AREC 250\textsuperscript{E}, ECON 201\textsuperscript{SI} or ECON 202\textsuperscript{SI}
   ( ) Ethics and Environmental Ethics _____________________________ 3-4 ANTH 352\textsuperscript{G}, ANTH 481\textsuperscript{S}, CH 374\textsuperscript{S}, FS 435\textsuperscript{S}, FW 340\textsuperscript{DPD}, FW 462, FW/SOC 485\textsuperscript{S}, GEO 309\textsuperscript{DPD}, PHL 205\textsuperscript{WIC}, PHL 440, PHL 443\textsuperscript{G}, SOC 456\textsuperscript{S}, SOC 480\textsuperscript{S}, SOC 481\textsuperscript{S}
   ( ) Human Environment ____________________________ 3 ATS 320\textsuperscript{E}, BI/Z 349\textsuperscript{G}, CH 390, ENSC 479\textsuperscript{WIC}, FW 325\textsuperscript{G}, FW/HSTS 470\textsuperscript{G}, GEO 300\textsuperscript{G, S}, GEO 306\textsuperscript{S}, GEO 308\textsuperscript{G}, HST 481\textsuperscript{S}, SOIL 395\textsuperscript{S}
   ( ) Environmental Law and Policy ____________________________ 3-4 AREC 253\textsuperscript{WC}, AREC 351\textsuperscript{S}, AREC 352\textsuperscript{S}, AREC 432, AREC 461\textsuperscript{G,WIC}, FS 435\textsuperscript{S}, FS 492, FW 325\textsuperscript{S}, FW 346, FW 350\textsuperscript{S}, FW 415, FW 462, GEO 335\textsuperscript{S}, GEO 424, GEO 425, HST 481\textsuperscript{S}, PS 475, PS 476\textsuperscript{S}, PS 477, SOC 360\textsuperscript{DPD}, WGSS 440\textsuperscript{S}, WGSS 450\textsuperscript{G}
   ( ) Environmental Management ____________________________ 3-4 BI/Z 349\textsuperscript{G}, FES/HORT 350, FES 352, FES 355, FES 365\textsuperscript{G}, FES 445, FES/FW 446, FES/HORT 455, FS 435\textsuperscript{S}, FW 251, FW 323, FW 326, FW 346, FW 435\textsuperscript{S}, FW 454\textsuperscript{WIC}, FW 458, FW 479, FW/SOC 485\textsuperscript{S}, GEO 306\textsuperscript{S}, GEO 423, GEO 424, GEO 425, HST 481\textsuperscript{S}, NR 201, NR 455, RNG 341, RNG 355, RNG 455, RNG 490, SOC 480\textsuperscript{S}, SOC 481\textsuperscript{S}, WGSS 440\textsuperscript{S}

D. SPECIALIZATION AREA (≥27 credits) – develop depth in one area of environmental sciences

   ① NO SIU grades; ② Courses taken in the specialization cannot double count with Section C above; ③ If you are interested in completing more than one specialization, contact your advisor to learn more about double counting policies between these; ④ For a list of specializations, go to: http://envsci.science.oregonstate.edu/node/30; ⑤ To declare your specialization, contact your advisor.

   ( ) Specialization (≥ 27 credits) ____________________________

E. EXPERIENTIAL LEARNING (≥3 credits) – gain hands on experience in environmental sciences

   ① NO SIU grades; ② Choose a minimum of one course; may complete others for additional experience; ③ For ENSC 410 internship: 1 credit = 30 hours of work. You must obtain approval from your advisor in order to register for credits. http://ceos.oregonstate.edu/internships/undergraduate/

   ( ) ENSC 410 ____________________________ 1-12 ENSC Internship – 3 credits meets requirement/12 max. may be earned (see notes above)
   ( ) BOT 440 ____________________________ 4 Field methods – learn skills in describing & experimenting on vegetation in your local area
   ( ) FW 255 ____________________________ 3 Field methods – learn skills in field sampling of fish and wildlife
   ( ) GEO 365 ____________________________ 4 Lab based – learn practical skills in Geographic Information Systems (GIS)
   ( ) GEO 465 ____________________________ 4 Lecture/ lab-based – learn theory, concepts, and applications of GIS
   ( ) Other ____________________________ 3-4 Must be approved by advisor

University Graduation Requirements:

   ① Ideally, these are met concurrent with Major requirements; Learn more at: http://catalog.oregonstate.edu/ChapterDetail.aspx?key=6#Section53.
   ② To avoid problems with the academic residency requirement, transfer courses should be completed early in your program.

   ( ) 180 minimum total credits
   ( ) 60 minimum upper division credits (300 level or above)
   ( ) 45 minimum out of the last 75 credits must be taken through OSU, and 15 of the 45 must be upper division. (AR 25f, Academic Residency)
   ( ) 36 minimum credits must be taken in the major of which 24 must be upper division
   ( ) 2.00 minimum cumulative OSU GPA
   ( ) 2.00 minimum GPA in major and minor
   ( ) Foreign Language (admissions requirement): 2 yrs. of high school or two terms at college level courses in the same language; students who graduated from high school before 1997 are exempt from this requirement

NOTE: If there is an online course you would like to use that is not on this checklist, in the CAP workbook, or in MyDegrees – contact your advisor for approval. If approved, an ‘also allow’ exception will need to be entered in MyDegrees so the course will automatically apply when you enroll.