# Bachelor of Science (BS)
## Environmental Science
### Concentration: Environment & Society

<table>
<thead>
<tr>
<th>Semester</th>
<th>H</th>
<th>Course #</th>
<th>Course Title</th>
<th>Min. Grade</th>
<th>GEC</th>
<th>Prerequisite</th>
<th>Additional Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
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<tr>
<td>Fall</td>
<td>1</td>
<td>Choose 1</td>
<td>Communication (Core)</td>
<td>C</td>
<td>010</td>
<td>For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of &quot;C&quot; or better in ENGL 1301.</td>
<td>See General Education Core for more details. Options: ENGL 1301</td>
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<td>2</td>
<td>ENVR 1401</td>
<td>Introduction to Environmental Science I (Core)</td>
<td>C</td>
<td>030/090</td>
<td>For ENGL 1302, a grade of &quot;C&quot; or better in ENGL 1301.</td>
<td>Satisfies General Education Core-Life &amp; Physical Sciences and Int. Exper. Learning</td>
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<td>3</td>
<td>GEO 1403</td>
<td>Physical Geology</td>
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<td>Choose 1</td>
<td>Social and Behavioral Sciences (Core)</td>
<td>080</td>
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<td>See General Education Core for course options. ANTH, ECON, PSYC, or SOCI course recommended for PREREQ ANTH 4314</td>
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<tr>
<td></td>
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<td>UNIV</td>
<td>1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design</td>
<td></td>
<td></td>
<td></td>
<td>As required, based on credit hours earned, TSI status, High school rank, major declaration</td>
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<tr>
<td><strong>SECOND YEAR</strong></td>
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<tr>
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<td>Choose 1</td>
<td>Communication (Core)</td>
<td>C</td>
<td>010</td>
<td>For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of &quot;C&quot; or better in ENGL 1301.</td>
<td>See General Education Core for more details. Options: ENGL 1302 or ENGL 1305</td>
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<tr>
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<td>2</td>
<td>ENVR 1402</td>
<td>Introduction to Environmental Science II (Core)</td>
<td>030/090</td>
<td>ENVR 1401 with a grade of 'C' or better.</td>
<td>Satisfies General Education Core-Life &amp; Physical Sciences and Int. Exper. Learning</td>
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<td></td>
<td>3</td>
<td>Choose 1</td>
<td>Integrative and Experiential Learning</td>
<td>090</td>
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<td>See General Education Core for course options.</td>
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<td>Choose 1</td>
<td>American History (Core)</td>
<td>060</td>
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<td>See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327</td>
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<tr>
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<td>5</td>
<td>MATH 1314 or MATH 2412</td>
<td>College Alegbra or Pre-Calculus (Core)</td>
<td>C</td>
<td>020</td>
<td>MATH 1314 or MATH 1414 with a grade of &quot;C&quot; or better; or passing the College Algebra Exemption Test administered by the Department of Mathematics.</td>
<td>Select per math placement results.</td>
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<td><strong>THIRD YEAR</strong></td>
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<tr>
<td>Fall</td>
<td>1</td>
<td>ENVR 2301</td>
<td>Earth System Science</td>
<td></td>
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<td>Satisfies Major-Environmental Science Core.</td>
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<tr>
<td></td>
<td>2</td>
<td>BIOL 1406</td>
<td>General Biology I (Core)</td>
<td>090</td>
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<td>One hour Integrative &amp; Experiential Learning. Satisfies Major-Science Foundation</td>
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<td>3</td>
<td>MATH 1342</td>
<td>Elementary Statistical Methods</td>
<td>C</td>
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<td>College Ready TSI status in Mathematics.</td>
<td>Satisfies Major-Science Foundation.</td>
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<td>POLS 2305</td>
<td>U.S. Federal Government &amp; Politics (Core)</td>
<td>070</td>
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<td>American History (Core)</td>
<td>060</td>
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<td>See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328</td>
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<td><strong>FOURTH YEAR</strong></td>
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<td>Fall</td>
<td>1</td>
<td>ENVR 2302</td>
<td>Environment and Society</td>
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<td>Satisfies Major-Environmental Science Core.</td>
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<tr>
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<td>2</td>
<td>CHEM 1311</td>
<td>General Chemistry I</td>
<td></td>
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<td>Satisfies Major-Science Foundation.</td>
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<tr>
<td></td>
<td>3</td>
<td>CHEM 1111</td>
<td>General Chemistry I Lab</td>
<td></td>
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<td>Credit/registration in CHEM 1311.</td>
<td>Satisfies Major-Science Foundation.</td>
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<td>Choose 1</td>
<td>Creative Arts (Core)</td>
<td>050</td>
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<td>See General Education Core for course options.</td>
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<td>5</td>
<td>POLS 2306</td>
<td>Texas Government &amp; Politics (Core)</td>
<td>070</td>
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<td>See General Education Core for more details.</td>
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<td>6</td>
<td>MATH 2413</td>
<td>Calculus I</td>
<td></td>
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<td>MATH 2412 with a grade of &quot;C&quot; or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.</td>
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### Notes:
- **Critical ('!')**: sequence sensitive course.
- **Minimum Grade**: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.
- **General Education Core (GEC) Sections**: 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary; 090 - Technologies; 090 - Language Diversity & Writing.

**CORE: The 2021-2022 list of core courses can be found in the 2021-2022 Undergraduate Catalog: www.utrgv.edu/catalog > See 'Core Curriculum'**
<table>
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<tr>
<td>3</td>
<td>ENVR 3303 Research Methodology and Data Analysis in Environmental Sciences</td>
<td>3</td>
<td></td>
<td>Environmental Science Major or Minor with junior status and MATH 1342 or MATH 1325 with a grade of 'C' or better</td>
<td>Satisfies Major-Environmental Science Core.</td>
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<tr>
<td>3</td>
<td>ENVR 4301 or POLS 4356 Environmental Regulations or U.S. Environmental Policy</td>
<td>3</td>
<td></td>
<td>Junior or Senior Standing or POLS 2305, or POLS 2385, or POLS 2301, or POLS 2313.</td>
<td>Satisfies Major-Specific Elective.</td>
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<tr>
<td>3</td>
<td>33XX-43XX Free Advanced Elective</td>
<td>3</td>
<td></td>
<td></td>
<td>Supporting Sciences. MATH 3335 is recommended Elective</td>
</tr>
<tr>
<td>3</td>
<td>33XX-43XX Free Advanced Elective</td>
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<td></td>
<td>HIST 3300 is recommended. PREREQ for HIST 3302</td>
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<tr>
<td>4</td>
<td>PHYS 1401 or 2425 General Physics I or Physics for Scientists and Engineers I</td>
<td>4</td>
<td></td>
<td>MATH 1414, MATH 1314, MATH 2412 or MATH 2413 for PHYS 1401; MATH 2413 and concurrent enrollment in MATH 2414 for PHYS 2425</td>
<td>Satisfies Major-Science Foundation.</td>
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### Third Year

#### Fall

<table>
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<tr>
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<tbody>
<tr>
<td>3</td>
<td>Choose 1 Environment and Society Concentration</td>
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<td>Satisfies Major-Specific Elective.</td>
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<td>4</td>
<td>Choose 1 Prescribed Electives</td>
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<td>Satisfies Major-Supporting Sciences. BIOL 1407, CHEM 1312/1112, CHEM 2323/2123, GEOL 1404, MATH 2414, PHYS 1402 or PHYS 2426</td>
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<tr>
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<td>Choose 1 Environment and Society Concentration</td>
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<td>Satisfies Major-Specific Elective.</td>
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#### Spring

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<td>Choose 1 Environment and Society Concentration</td>
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<td>Choose 1 Environment and Society Concentration</td>
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<td>Satisfies Major-Specific Elective.</td>
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<td>3</td>
<td>Choose 1 Environment and Society Concentration</td>
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<td>Satisfies Major-Specific Elective.</td>
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<td>3</td>
<td>Choose 1 Language, Philosophy &amp; Culture (Core)</td>
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<td>040</td>
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<td>See General Education Core for course options.</td>
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<tr>
<td>4</td>
<td>34XX-44XX Free Advanced Elective</td>
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#### Spring

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### Semester Total Hours

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<td>Fall</td>
<td>13</td>
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<tr>
<td>Spring</td>
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**TOTAL HOURS**: 120

**Advanced minimum credit hours**: (42)

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**Approved**: Saturday, October 23, 2021

**Revised**: Saturday, October 9, 2021