• Pay attention to prerequisites and course sequences. Some of the major foundational courses are offered only once per year.
• To graduate, students must have an overall GPA of 2.0.
• You are encouraged to take some core courses and required major courses each semester to graduate in four years. Full-time student status is 15 hours.
• Five concentrations are available for this major: Earth and Ocean Sciences, Environmental Chemistry, Environmental Biology, Interdisciplinary Environmental Science, Environment and Society.
• Always seek advice from your advisor when you plan your class schedule each semester.

The multidisciplinary Bachelor of Science degree in Environmental Science prepares graduates for careers at local, state and federal government agencies, non-profit organizations, and environmental consulting firms. Additionally, graduates of this program are prepared to continue onto graduate studies in order to pursue research and scholarship opportunities. The program core focuses on key environmental issues while the restricted electives allow the students to choose to focus on areas of interest to the individual student.

Degree Info

UTRIO Grande Valley
BLUE PRINT
ENVIRONMENTAL SCIENCES (BS)
*Interdisciplinary Concentration
Catalog: 2019-20
COLLEGE OF SCIENCES

Contact Info

Director- School of Earth, Environmental, and Marine Sciences
Dr. David Hicks
David.Hicks@utrgv.edu

Associate Director- School of Earth, Environmental, and Marine Sciences
Dr. Hudson DeYoe
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Academic Coordinator
Environmental Science-School of Earth, Environmental, and Marine Sciences
Dr. Juan L. Gonzalez
juan.l.gonzalez@utrgv.edu

Department Contact:
956-882-5040
seems@utrgv.edu

Additional Info

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<table>
<thead>
<tr>
<th>MILESTONES</th>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
<th>THIRD YEAR</th>
<th>FOURTH YEAR AND BEYOND</th>
</tr>
</thead>
<tbody>
<tr>
<td>- UTRGV has a Writing Center and a Learning Center. Make it a point to visit them!</td>
<td>- Complete major foundation classes, such as Earth System Science ENVR 2301.</td>
<td>- Complete 30 credit hours.</td>
<td>- “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!</td>
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</tr>
<tr>
<td>- Complete your core English classes (section 010) during your first year.</td>
<td>- Complete 30 credit hours.</td>
<td>- Have you landed an internship or acquired research experience? This is the year to make it happen.</td>
<td>- Complete at least 30 credit hours to graduate.</td>
<td></td>
</tr>
<tr>
<td>- Complete 30 credit hours every year in order to graduate in 4 years.</td>
<td>- Apply to the Environmental Science Program.</td>
<td>- Submit your application(s) for graduate school, an apprenticeship, or for fulltime employment.</td>
<td></td>
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</tr>
<tr>
<td>- Shoot for a GPA of 4.0!</td>
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<td>- “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!</td>
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</tr>
<tr>
<td>- Take MATH 1314, College Algebra in your first year.</td>
<td>- Familiarize yourself with your four-year course sequence (roadmap) and degree plan</td>
<td>- Apply for internship and/or job shadowing opportunities. Discuss this with your advisor, faculty mentor, or Career Center.</td>
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</tr>
<tr>
<td>- Join the SHIP-GEO email list</td>
<td>- Meet with your academic advisor and bring your orientation folder with you to every session!</td>
<td>- Seek out research opportunities within your major and join a professional organization such as, The Geological Society of America.</td>
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</tr>
<tr>
<td>- Familiarize yourself with your year-four course sequence (roadmap) and degree plan</td>
<td>- Choose a major with confidence- Visit my.UTRGV.edu and check out My Majors.</td>
<td>- Come ready with course suggestions and questions when you visit your academic advisor.</td>
<td>- Engage in an independent study project or an academic internship to complement your major, such as with State or Federal agencies</td>
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</tr>
<tr>
<td>- Classes fill up fast. When registration opens, be sure to register on the first day for your group.</td>
<td>- Visit the Communication Hauser Lab for help with your speeches.</td>
<td>- Visit the Communication Hauser Lab for help with your speeches.</td>
<td>- Discuss future plans with your faculty mentor or advisor that includes employment, finances, and other life goals.</td>
<td></td>
</tr>
<tr>
<td>- Cold or flu getting you down? We have Student Health Services on campus with Free office visits.</td>
<td>- Trouble making your tuition payment? The Financial Aid Office can help. Payment plans and emergency loans are also available.</td>
<td>- Apply for internship and/or job shadowing opportunities. Discuss this with your advisor, faculty mentor, or Career Center.</td>
<td>- Apply for graduation one semester prior to your anticipated date. Visit the Academic Advising Center to ensure you are on track.</td>
<td></td>
</tr>
<tr>
<td>- Look for a service-learning course! for guidance, visit Engaged Scholarship &amp; Learning Office.</td>
<td>- To find undergraduate research opportunities, visit the Engaged Scholarship &amp; Learning Office, or your major advisor</td>
<td>- Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!</td>
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</tr>
<tr>
<td>- Participate in a campus-sponsored community service project.</td>
<td>- Consider attending the LeaderShape Institute or attend the Engaged Scholar Symposium.</td>
<td>- Sharpen your writing skills! Take an intensive writing course such as Technical Writing or become an office for your organization.</td>
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</tr>
<tr>
<td>- Talk to faculty about student research opportunities</td>
<td>- Look at study abroad opportunities.</td>
<td>- Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!</td>
<td>- Continue to present research or creative works at the Engaged Scholar Symposium or other scientific meetings.</td>
<td></td>
</tr>
<tr>
<td>- Set up your profile on the Engagement Zone through My UT360.</td>
<td>- Check out a cultural campus or community event such as HESTEC or FESTIBA.</td>
<td>- Travel the world! Look into study abroad opportunities at Office for International Programs &amp; Partnerships.</td>
<td>- Set up an informational interview with an individual (especially an alumna) currently in the field you aspire to work in.</td>
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</tr>
<tr>
<td>- Attend a diversity based campus or community event</td>
<td>- Join another student organization.</td>
<td>- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.</td>
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</tr>
<tr>
<td>- Attend a departmental program such as SHIP-GEO or fieldtrips</td>
<td>- Check out a campus event that offers free lunch- bring a friend!</td>
<td>- Identify employers of interest and seek them out at job fairs, online, at on-campus information sessions, staffing agencies, etc. The Career Center can help.</td>
<td></td>
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</tr>
<tr>
<td>- Join a student organization! Consider the Geology Club</td>
<td>- Look at undergraduate research opportunities.</td>
<td>- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.</td>
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</tr>
<tr>
<td>- Create a résumé and set up your profile on the Handshake icon: (My.UTRGV.edu).</td>
<td>- Consider attending the LeaderShape Institute</td>
<td>- Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!</td>
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</tr>
<tr>
<td>- Got summer plans? Visit Career Center and ask about places to do some job shadowing.</td>
<td>- Check out a campus event that offers free lunch- bring a friend!</td>
<td>- Travel the world! Look into study abroad opportunities at Office for International Programs &amp; Partnerships.</td>
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<tr>
<td>- Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!</td>
<td>- Check out a cultural campus or community event such as HESTEC or FESTIBA.</td>
<td>- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.</td>
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<tr>
<td>- Check your UTRGV email for the daily Messenger</td>
<td>- Join another student organization.</td>
<td>- Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!</td>
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<tr>
<td>- Update your resume in Handshake and have it reviewed.</td>
<td>- Join another student organization.</td>
<td>- Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!</td>
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<tr>
<td>- Visit the Career Center site to find a job fair to attend. At the event, approach a recruiter and discuss internships.</td>
<td>- Explain to someone how your academic program aligns with your strengths and interests.</td>
<td>- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.</td>
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<tr>
<td>- Think about three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc.). Give them at least two weeks’ notice advance notice!</td>
<td>- When is the deadline for your graduate school application? Visiting the program admissions webpage. Most do not accept late applicants!</td>
<td>- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.</td>
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<tr>
<td>- Have you received your acceptance for graduate school or an employment offer? If not, network: talk to faculty, the Career Center, and get on LinkedIn.</td>
<td>- Formulate and implement a strategy for life after graduation: attend career fairs, graduate fairs, apply to fellowships, etc.</td>
<td>- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.</td>
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<td>- Check the SEEMS website for postings on career/graduate school.</td>
<td>- Continue to present research or creative works at the Engaged Scholar Symposium or other scientific meetings.</td>
<td>- Set up an informational interview with an individual (especially an alumna) currently in the field you aspire to work in.</td>
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<tr>
<td>- Remember to do your exit loan counseling on studentloans.gov.</td>
<td>- Shoot for a GPA of 4.0!</td>
<td>- “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!</td>
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</table>

**GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT**

**APPLY WHAT YOU LEARN**

**LIFE AFTER GRADUATION**

**UTrigo Grande Valley**

**CAREERS**

- Soil and water conservation
- Land use planning
- Waste disposal
- Environmental compliance
- Reclamation of contaminated lands
- Landfill operation and monitoring
- Agrichemical management
- Fertilizer technology
- Agricultural production: food and fiber
- Research
- Education
- Environmental Protection Agency
- Natural Resource Conservation Service
- Department of Agriculture
- Department of Health and Human Services
- Environmental Protection Agency
- Natural Resource Conservation Service
- Fish and Wildlife Service
- Department of Agriculture

For additional info, visit the Career Center website and check out “What Can I Do With This Major?” www.uytr.edu/careercenter