Degree Info

**FIRST YEAR**

- 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.

**SECOND YEAR**

- Choose 1 Core Area (Core Area A or Core Area B)
- Choose 1 Core Area (Core Area A or Core Area B)
- Choose 1 Core Area (Core Area A or Core Area B)

**THIRD YEAR**

- Choose 1 Core Area (Core Area A or Core Area B)
- Choose 1 Core Area (Core Area A or Core Area B)
- Choose 1 Core Area (Core Area A or Core Area B)

**FOURTH YEAR**

- Choose 1 Core Area (Core Area A or Core Area B)
- Choose 1 Core Area (Core Area A or Core Area B)

**ENVIRONMENTAL SCIENCES (BS)**

CATALOG: 2019-20

**COLLEGE OF SCIENCES**

**UTRIO Grande Valley**

**BLUE PRINT**

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.
**MILESTONES**

- **FIRST YEAR**
  - Complete your core English classes (section 010) during your first year.
  - Complete 30 credit hours every year in order to graduate 4 years.
  - Complete 30 credit hours.
  - Complete major foundation classes, such as Earth System Science ENVR 2301.
  - Complete your core English classes (section 010) during your first year.
  - Complete 30 credit hours every year in order to graduate 4 years.
  - Complete 30 credit hours.
  - Complete major foundation classes, such as Earth System Science ENVR 2301.

- **SECOND YEAR**
  - Complete 30 credit hours.
  - Complete major foundation classes, such as Earth System Science ENVR 2301.
  - Complete at least 30 credit hours to graduate.
  - Submit your application(s) for graduate school, an apprenticeship, or full-time employment.

- **THIRD YEAR**
  - Complete 30 credit hours.
  - Complete major foundation classes, such as Earth System Science ENVR 2301.
  - Complete at least 30 credit hours to graduate.
  - Submit your application(s) for graduate school, an apprenticeship, or full-time employment.

- **FOURTH YEAR AND BEYOND**
  - Complete at least 30 credit hours to graduate.
  - Submit your application(s) for graduate school, an apprenticeship, or full-time employment.

**ADVICE & SUPPORT**

- Look for a service-learning course! For guidance, visit Engaged Scholarship & Learning Office.
- Participate in a campus-sponsored community service project.
- Talk to faculty about student research opportunities.
- Meet with your academic advisor and bring your orientation folder with you to every session!
- Choose a major with confidence—Visit my.UTRGV.edu and check out MyMajors.
- Visit a faculty member during their office hours and ask any questions about classes.

**APPLY WHAT YOU LEARN**

- **FIRST YEAR**
  - Set up your profile on the Engagement Zone through Office for International Programs & Partnerships.
  - Attend a departmental program such as SHIP (e.g. MLK Day of Service).
  - Attend a diversity based campus or community event such as HESTEC or FESTIBA.
  - Look at study abroad opportunities.
  - Check out a campus event that offers free lunch and check out MyMajors.

- **SECOND YEAR**
  - Consider attending the LeaderShape Institute or attend the Engaged Scholar Symposium.
  - To find undergraduate research opportunities, visit the Engaged Scholarship & Learning Office, or your major advisor.
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- **THIRD YEAR**
  - Consider attending the LeaderShape Institute or attend the Engaged Scholar Symposium.
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- **FOURTH YEAR AND BEYOND**
  - Continue to present research or creative works at the Engaged Scholar Symposium or other scientific meetings.
  - Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!
  - Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!

**GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT**

- **FIRST YEAR**
  - Create a résumé and set up your profile on the Handshake icon: (My.UTRGV.edu).
  - Got summer plans? Visit Career Center and ask about places to do some job shadowing.
  - Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!
  - Complete your core English classes (section 010) during your first year.

- **SECOND YEAR**
  - Visit the Career Center site to find a job to attend. At the event, approach a recruiter and discuss internships.
  - Create a résumé and set up your profile on the Handshake icon: (My.UTRGV.edu).
  - Got summer plans? Visit Career Center and ask about places to do some job shadowing.
  - Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!
  - Complete your core English classes (section 010) during your first year.

- **THIRD YEAR**
  - Explain to someone how your academic program aligns with your strengths and interests.
  - Complete 30 credit hours.
  - Complete major foundation classes, such as Earth System Science ENVR 2301.
  - Complete major foundation classes, such as Earth System Science ENVR 2301.

- **FOURTH YEAR AND BEYOND**
  - Review three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc). Give them at least two weeks’ advance notice!
  - I have a plan for after graduation. If this describes you, great! If not, visit your Faculty Advisor or Career Center!
  - Shoot for a GPA of 4.0!

**LIFE AFTER GRADUATION**

- **FIRST YEAR**
  - Update your résumé in Handshake and have it reviewed.
  - Visit your Careares Center and ask about places to do some job shadowing.
  - Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!
  - Check your UTRGV email for the daily Messenger - locate and attend one student workshop.

- **SECOND YEAR**
  - Update your résumé in Handshake and have it reviewed.
  - Visit your Career Center and ask about places to do some job shadowing.
  - Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!
  - Check your UTRGV email for the daily Messenger - locate and attend one student workshop.

- **THIRD YEAR**
  - Update your résumé in Handshake and have it reviewed.
  - Update your résumé in Handshake and have it reviewed.
  - Visit your Career Center and ask about places to do some job shadowing.
  - Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!

- **FOURTH YEAR AND BEYOND**
  - Check out the SEMS website for postings on career/graduate school.
  - Think about three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc). Give them at least two weeks’ advance notice!
  - Check out the SEMS website for postings on career/graduate school.
  - Think about three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc). Give them at least two weeks’ advance notice!

**CAREERS**

- Soil and water conservation
- Land use planning
- Waste disposal
- Environmental compliance
- Reclamation of contaminated lands
- Floodfill 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.utrgv.edu/careercenter