M.S. in Environmental Science

Admission Requirements
In addition to University-wide UTEP requirements for admission to M.S. degree programs, the admission requirements include:

1. Bachelor's degree in a Science or Engineering discipline
2. A statement of purpose outlining the prospective student's area of interest within Environmental Science
3. Three letters of recommendation
4. GRE is not a requirement

All admission requirements will be reviewed holistically to assess the potential of the applicant. Typically, the successful applicant will have a bachelor's degree in a discipline closely related to environmental science. We strongly encourage applicants to contact the Environmental Science faculty for research opportunities.

Degree Requirements
Each student must complete at least 30 hours including:

1. 24 hours in organized courses
2. 6 semester hours of thesis

The 24 hours of course credits can be graduate courses from any Department in the College of Science, with the following limitations:

- A minimum of 2 semester hours from ESCI 5101 Graduate Seminar
- A maximum of 6 semester hours of approved upper-division undergraduate work
- A maximum of 9 hours of independent studies classes
- A maximum of 6 semester hours taken from courses outside the College of Science

The graduate degree coursework will depend on the student's prior experience and B.S. coursework. Students are required to form a Thesis Committee by the beginning of their second semester and file a Preliminary Degree Plan with the graduate school. Each student's Thesis Committee will suggest and approve the specific courses to be taken. During their first semester, courses will be selected from those approved by the Graduate Advisor. All course work transferred from other institutions requires approval of both the student's Thesis Committee and the Graduate School. A formal thesis proposal is required and should be approved by the Thesis Committee by the start of the third semester.

All candidates are required to pass an oral defense of their thesis in an open forum. Candidates must submit a draft of the thesis at least 7 days prior to the defense date.

More information is available in the "Guidelines for Master of Science Students in the Environmental Science Program," which is available from the Graduate Coordinator.

Degree Plan
Required Credits: 30

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ESCI 5310</td>
<td>Interd Envirom Problem Solving</td>
<td>3</td>
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<tr>
<td>ESCI 5398</td>
<td>Thesis Research I</td>
<td>3</td>
</tr>
<tr>
<td>ESCI 5399</td>
<td>Thesis Research II (0-0-3)</td>
<td>3</td>
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<tr>
<td>BIOL 5328</td>
<td>Biostatistics</td>
<td>3</td>
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<tr>
<td>GEOL 5375</td>
<td>Quantit Techniq Geological Sci</td>
<td>3</td>
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MS in Environmental Science (All courses require a grade of C or better)
Complete 21 hours in organized graduate courses, from any Department in the College of Science, with the following limitations: 21
A minimum of 2 hours of Seminar (Choose from either ESCI 5101, BIOL 5130, CHEM 5195, GEOL 5101)
A maximum of 6 hours of approved upper-division undergraduate work
A maximum of 9 hours of independent studies classes
A maximum of 6 hours taken from courses outside the College of Science

Required Courses:

Select one of the following:
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>STAT 5335</td>
<td>Applied Experimental Design</td>
<td>30</td>
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