## 18 Characteristics of Texas Public Doctoral Programs

Programs included only if in existence 3 or more years. Program is defined at the 8-digit CIP code level.

<table>
<thead>
<tr>
<th>Department</th>
<th>Water Management and Hydrological Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctoral Degree Program</td>
<td>Water Management and Hydrological Science</td>
</tr>
<tr>
<td>Contact Name</td>
<td>Rosario Sanchez Flores</td>
</tr>
<tr>
<td>Contact Phone Number</td>
<td>979 845 2027</td>
</tr>
</tbody>
</table>

### Number of Degrees Per Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td>1</td>
</tr>
<tr>
<td>2012-2013</td>
<td>3</td>
</tr>
<tr>
<td>2013-2014</td>
<td>1</td>
</tr>
<tr>
<td>3 Year Average</td>
<td>1.7</td>
</tr>
</tbody>
</table>

### Graduation Rates

Starting Cohorts: 2002-2004

<table>
<thead>
<tr>
<th>Years with Cohort greater than 0</th>
<th>% Graduating within 10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002, 2004</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Average Time to Degree

Students Starting 2002-2004

Average Years to Degree 5.8

### Employment Profile

(In field within one year of graduation). For each of the three most recent years, the number and percent of graduates by year employed, those still seeking employment, and unknown

<table>
<thead>
<tr>
<th>Year</th>
<th>Employed</th>
<th>Percent</th>
<th>Still Seeking Employment</th>
<th>Percent</th>
<th>Unknown</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td></td>
<td>Number</td>
<td></td>
<td>Number</td>
<td></td>
</tr>
<tr>
<td>2011-2012</td>
<td>15</td>
<td>100%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>2012-2013</td>
<td>8</td>
<td>100%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>2013-2014</td>
<td>17</td>
<td>88%</td>
<td>2</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Admissions Criteria</td>
<td>Description of admission factors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>----------------------------------</td>
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</tr>
<tr>
<td>Send or make arrangements for the following items to be sent to the Texas A&amp;M Office of Admissions.</td>
<td></td>
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<tr>
<td>Submit an electronic application via the Apply Texas website and pay application fee to the Texas A&amp;M Office of Admissions.</td>
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<tr>
<td>Graduate Admissions Processing:</td>
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<tr>
<td>Office of Admissions:</td>
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<td></td>
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<tr>
<td>Texas A&amp;M University □</td>
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<tr>
<td>P.O. Box 40001 □</td>
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<tr>
<td>College Station, TX 77842-4001 USA</td>
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</tr>
<tr>
<td>2. Arrange for each college or institution attended to send one official transcript of all degrees earned and one copy of an official statement of the degree or diploma awarded. Transcripts in languages other than English, should also be accompanied by an official English translation.</td>
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<tr>
<td>3. Request Educational Testing Services (ETS) to send official GRE test scores (GRE and TOEFL or IELTS for non-English speaking applicants) to Texas A&amp;M University (Code 6003). Do not send this to the WMHS program office, but only to the Texas A&amp;M Office of Admissions.</td>
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<tr>
<td>4. Arrange for three individuals to send recommendation letters, through the electronic application system to the Office of Admissions. Recommendations by research advisor(s) or professors are preferred.</td>
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<tr>
<td>5. Send a Statement of Purpose essay.</td>
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<td>6. Send a Curriculum Vitae.</td>
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<tr>
<td>Students are notified of admissions decisions by email and postal mail. Applicants are encouraged to maintain contact with both the Texas A&amp;M Office of Admissions and the WMHS Office to ensure that all admission documents were received.</td>
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<tr>
<td>7. For PhD applicants, a faculty member from the water program must agree to serve as their doctoral committee chair before they will be admitted.</td>
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<tr>
<td>Admission Requirements and Procedures</td>
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<tr>
<td>Admission to the WMHS program requires meeting all the Texas A&amp;M University requirements and approval by the WMHS admissions committee. Grades earned during the applicant's entire college career are considered and a satisfactory grade point average is required.</td>
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<tr>
<td>Graduate Record Exam (GRE)</td>
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<tr>
<td>Texas A&amp;M requires from all applicants a satisfactory GRE score taken within the previous five years. The standard portions of the exam are required; however, specific subject tests are not. To allow sufficient time for Texas A&amp;M to receive scores, applicants should take the GRE by May to apply for fall admission and June for spring admission. Send official GRE scores to the Texas A&amp;M Office of Admissions, code R6003 or 6003.</td>
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<tr>
<td>Test of English as a Foreign Language (TOEFL)</td>
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</tr>
<tr>
<td>Texas A&amp;M requires a satisfactory TOEFL score from within the last two years from applicants whose native language is not English. Exception is made for applicants completing all four years of a baccalaureate degree in the United States or achieving a GRE verbal score ≥ 400 (old format) or ≥ 146 (new format). Send official TOEFL scores to the Texas A&amp;M Office of Admissions, code 6003.</td>
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<tr>
<td>IELTS, the International English Language Testing System, is also accepted.</td>
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<tr>
<td>Interviews and Campus Visits</td>
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<tr>
<td>Applicants may request an informational interview with faculty. Personal interviews are not required but are viewed as an opportunity for the applicant to become better acquainted with the water program. Itineraries to meet faculty members and current graduate students can be arranged. Contact the WMHS Office for information.</td>
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</tr>
</tbody>
</table>

**Percentage Full-time Students**

<table>
<thead>
<tr>
<th></th>
<th>Fall 2011</th>
<th>Fall 2012</th>
<th>Fall 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage Full-time Students</td>
<td>72.2%</td>
<td>57.9%</td>
<td>57.9%</td>
</tr>
</tbody>
</table>

**Average Institutional Financial Support Provided**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Institutional Financial Support Provided</td>
<td>$8,000</td>
</tr>
</tbody>
</table>

**Percentage Full-Time Students with Institutional Financial Support**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage Full-Time Students with Institutional Financial Support</td>
<td>22%</td>
</tr>
</tbody>
</table>

**Number of Core Faculty**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Core Faculty</td>
<td>60</td>
</tr>
</tbody>
</table>

**Student-Core Faculty Ratio**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Student-Core Faculty Ratio</td>
<td>0.4</td>
</tr>
</tbody>
</table>

**Core Faculty Publications**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Faculty Publications</td>
<td>2</td>
</tr>
</tbody>
</table>
### Core Faculty External Grants
Three-year average of the number of core faculty receiving external funds, average external funds per faculty, and total external funds per program per academic year. All external funds received from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.

<table>
<thead>
<tr>
<th>Average of the Number of Core Faculty receiving</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average External Funds per Faculty</td>
<td>$294,800</td>
</tr>
<tr>
<td>Total External Funds</td>
<td>$15,624,000</td>
</tr>
</tbody>
</table>

### Faculty Teaching Load
Total number of semester credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty in the prior year

| Faculty Teaching Load | 21.3 |

### Faculty Diversity
Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>35</td>
</tr>
<tr>
<td>Black</td>
<td>0</td>
</tr>
<tr>
<td>Hispanic</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
</tr>
</tbody>
</table>

### Student Diversity
Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program in the prior year

<table>
<thead>
<tr>
<th>Fall 2013</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Hispanic</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

### Date of Last External Review
Date of last formal external review, updated when changed

| Date of Last External Review | November 2012 |

### External Program Accreditation
Name of body and date of last program accreditation review, if applicable, updated when changed

| External Program Accreditation | |
|-------------------------------| |

### Student Publications/Presentations
For the three most recent years, the number of discipline-related refereed papers/publications, juried creative/performace accomplishments, book chapters, books, and external presentations per year by student FTE

| Student Publications/Presentations | 2.00 |