Texas A&M University  

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.

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<th>Department</th>
<th>Chemical Engineering</th>
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<tbody>
<tr>
<td>Doctoral Degree Program</td>
<td>Chemical Engineering</td>
</tr>
<tr>
<td>Contact Name</td>
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<td>Contact Phone Number</td>
<td>979-845-3306</td>
</tr>
</tbody>
</table>

1. **Number of Degrees Per Year**
   - **Average, 2013-2016**
     - Three-year average of the number of degrees awarded per academic year
   - **2013-2014** 14
   - **2014-2015** 17
   - **2015-2016** 20

2. **Graduation Rates**
   - **Starting Cohorts: 2004-2006**
     - Three-year average of the percent of first-year doctoral students who graduated within ten years.
     - **First-year doctoral students**: Those students who have been coded as doctoral students by the institution and have either completed a master’s program or at least 30 SCH towards a graduate degree.
   - **% Graduating within 10 Years** 80%
   - **Years with Cohort greater than 0** 2004, 2005, 2006

3. **Average Time to Degree**
   - **Average Years to Degree** 5.0

4. **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
   - **Employed**
     - **Number**
       - **2013-2014**: 12
       - **2014-2015**: 7
       - **2015-2016**: 12
     - **Percent**
       - **2013-2014**: 86%
       - **2014-2015**: 41%
       - **2015-2016**: 60%
   - **Still Seeking Employment**
     - **Number**
       - **2013-2014**: 0
       - **2014-2015**: 0
       - **2015-2016**: 0
     - **Percent**
       - **2013-2014**: 0%
       - **2014-2015**: 0%
       - **2015-2016**: 0%
   - **Unknown**
     - **Number**
       - **2013-2014**: 2
       - **2014-2015**: 10
       - **2015-2016**: 8
     - **Percent**
       - **2013-2014**: 14%
       - **2014-2015**: 59%
       - **2015-2016**: 40%

5. **Admissions Criteria**
   - Description of admission factors
     - Academic coursework & GPA, statement of purpose, letters of recommendation, GRE scores, and research experience.

6. **Percentage Full-time Students**
   - **FTS/number of students enrolled for the last three fall semesters.**
     - **Fall 2013**: 95.0%
     - **Fall 2014**: 95.2%
     - **Fall 2015**: 98.4%

7. **Average Institutional Financial Support Provided**
   - For those receiving financial support, the average monetary institutional financial support provided per full-time graduate student for the prior year, from assistantships, scholarships, stipends, grants, and fellowships. Does not include tuition or benefits.
     - **Fall 2013**: $24,251.94
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| 8 | **Percentage Full-Time Students with Institutional Financial Support**  
In the prior year, the number of full-time students with at least $1,000 of annual support/the number of full-time students | 97% |
| 9 | **Number of Core Faculty**  
Number of core faculty in the prior year | 29 |
| 10 | **Student-Core Faculty Ratio**  
Three-year average of full-time student equivalent (FTSE)/three-year average of full-time faculty equivalent (FTFE) of core faculty. Core Faculty: Full-time tenured and tenure-track faculty who teach 50 percent or more in the doctoral program or other individuals integral to the doctoral program who can direct dissertation research. | 3.7 |
| 11 | **Core Faculty Publications**  
Three-year average of the number of discipline-related refereed papers/publications, books/book chapters, juried creative/performance accomplishments, and notices of discoveries filed/patents issued per year per core faculty member. | 242 |
| 12 | **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.  
Average of the Number of Core Faculty receiving | 20  
Average External Funds per Faculty | $1,173,594  
Total External Funds | $23,471,870 |
| 13 | **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 | 19.0 |
| 14 | **Faculty Diversity**  
Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed |  
|  | **Male** | **Female** |  |
| White | 11 | 1 |  |
| Black | 0 | 0 |  |
| Hispanic | 2 | 1 |  |
| Other | 13 | 1 |  |
| 15 | **Student Diversity**  
Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program in the prior year |  
|  | **Male** | **Female** |  |
| White | 15 | 6 |  |
| Black | 0 | 0 |  |
| Hispanic | 0 | 1 |  |
| Other | 68 | 36 |  |
| 16 | **Date of Last External Review**  
Date of last formal external review, updated when changed | 2010 |
| 17 | **External Program Accreditation**  
Name of body and date of last program accreditation review, if applicable, updated when changed  
Graduate Program Review |  |
| 18 | **Student Publications/Presentations**  
For the three most recent years, the number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations per year by student FTE | 59.10 |
## Notes:
The sum of #14 (Faculty Diversity) could be less than #9 (Number of Core Faculty) if some faculty have chosen to keep their information confidential.

Excluding the distance education students, whom will be included starting from the next year