

**18 Characteristics of Texas Public Doctoral Programs**  
**University of Texas at San Antonio**  
**Doctor of Philosophy (PhD) in Environmental Science and Engineering**

Date Program Established - 9/1/2007

**For specific information about this Degree Program go to:**

[http://engineering.utsa.edu/CE/academics\\_phd\\_program.html](http://engineering.utsa.edu/CE/academics_phd_program.html).

## Degree Information

---

### 1. Number of Degrees per Year

For the three most recent years, average of the number of degrees awarded per academic year.

| Number of Degrees per Academic Year |
|-------------------------------------|
| 4.33                                |

### 2. Graduation Rates

For the three most recent years, average of the percent of first-year doctoral students<sup>1</sup> who graduated within ten years.

-----  
<sup>1</sup> First-year doctoral students: Those students who have matriculated as doctoral students with a doctoral degree objective.

Notes: This program has not existed long enough to establish Cohort graduation rates.

### 3. Average Time to Degree

For each of the three most recent years, average of the graduates' time to degree<sup>2</sup>.

| Academic Year | Average time to degree |
|---------------|------------------------|
| 2012-2013     | 3.5                    |
| 2013-2014     | 5.8                    |
| 2014-2015     | 5.7                    |

<sup>2</sup> For each academic year, the time to degree is defined as beginning the year students matriculated with a doctoral degree objective until the year they graduated.

#### 4. Employment Profile (in field within one year of graduation)

For each of the three most recent years, the percent of graduates by year employed, those still seeking employment, and unknown.

| Employment Field | Employed | Seeking employment | Unknown |
|------------------|----------|--------------------|---------|
| 2011-2012        | 40%      |                    | 60%     |
| 2012-2013        | 75%      |                    | 25%     |
| 2013-2014        | TBD      |                    |         |

#### 5. Admissions Criteria

See <http://graduateschool.utsa.edu/future-students/academic-programs/environmental-science-and-engineering-ph.d> for admissions requirements.

#### 6. Percentage Full-time Students

FTS<sup>3</sup>/number students enrolled (headcount) for last three fall semesters.

| Fall Semester | Percent Full-time Students |
|---------------|----------------------------|
| Fall 2012     | 54.2%                      |
| Fall 2013     | 72.7%                      |
| Fall 2014     | 69.6%                      |

<sup>3</sup> Definition of Full Time Student (FTS) is nine hours or more per semester.

#### 7. Average Institutional Financial Support Provided

For those receiving financial support, the average monetary institutional support provided per full-time graduate student for the prior year from assistantships, scholarships, stipends, grants, and fellowships (does not include tuition or benefits).

| Academic Year | FTS Average Financial Support |
|---------------|-------------------------------|
| 2014-2015     | \$20,723.75                   |

**8. Percentage Full-time Students (FTS) with Institutional Financial Support**

In the prior year, the number of FTS with at least \$1000 of annual support/the number of FTS.

| Academic Year | Percent of FTS Financial Support |
|---------------|----------------------------------|
| 2014-2015     | 75%                              |

**9. Number of Core Faculty**

Number of core faculty in the prior year.

| Academic Year | Number of Core Faculty |
|---------------|------------------------|
| 2014-2015     | 33                     |

**10. Core Faculty Ratio**

For each of the three most recent years, average of full-time student equivalent (FTSE)/average of full-time faculty equivalent (FTFE) of core faculty.

| Academic Year | Student-Core Faculty Ratio |
|---------------|----------------------------|
| 2012-2013     | 1.0                        |
| 2013-2014     | .8                         |
| 2014-2015     | .6                         |

**11. Core Faculty Publications**

For each of the three most recent years, 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 core faculty member.

| Academic Year | Average Number of Publications per Core Faculty |
|---------------|---|
| 2012-2013     | 3.6   |
| 2013-2014     | 4.2   |
| 2014-2015     | 4.0   |

## 12. Core Faculty External Grants

For each of the three most recent years, average of the number of core faculty receiving external funds, average external funds per faculty, and total external funds per program per academic year<sup>4</sup>.

| Academic Year | Avg. Number of Core Faculty Receiving External Funds | Average External Grants \$ per Core Faculty | Total External Grants \$ |
|---------------|--|---|--------------------------|
| 2012-2013     | 14   | \$81,667                                    | \$1,796,681              |
| 2013-2014     | 11   | \$117,950                                   | \$2,594,906              |
| 2014-2015     | TBD  |   |                          |

<sup>4</sup> All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.

Notes:

## 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.

| Academic Year | Faculty Teaching Load |
|---------------|-----------------------|
| 2014-2015     | 9.4                   |

Notes:

## 14. Faculty Diversity

Core faculty by ethnicity (White, Black, Hispanic, Other) and gender.

| 2014-2015 | White | Black | Hispanic | Other | Total |
|-----------|-------|-------|----------|-------|-------|
| Female    | 3     | 0     | 1        | 2     | 6     |
| Male      | 15    | 1     | 6        | 5     | 27    |
| Total     | 18    | 1     | 7        | 7     | 33    |

**15. Student Diversity**

Enrollment headcount by diversity (White, Black, Hispanic, Other) and gender in program during the prior year.

| 2014-2015     | White | Black | Hispanic | Other | Total |
|---------------|-------|-------|----------|-------|-------|
| <b>Female</b> | 0     | 0     | 0        | 6     | 6     |
| <b>Male</b>   | 6     | 2     | 1        | 10    | 19    |
| <b>Total</b>  | 6     | 2     | 1        | 16    | 25    |

**16. Date of Last External Review**

Date of last formal external review, updated when changed.

| Date       |
|------------|
| March 2009 |

**17. Accreditation****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.

| Academic Year | Number of Student Publications/Presentations |
|---------------|--|
| 2012-2013     | 31   |
| 2013-2014     | 13   |
| 2014-2015     | 4  |