

18 Characteristics of Texas Public Doctoral Programs

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|-----------|--|--|--|------------|-----------|---|--|
| | Program | Mechanical Engineering | | | | | |
| | Degree awarded | PhD | | | | | |
| | Program Web site | www.me.utexas.edu/graduate/ | | | | | |
| | Measure | Operational Definition | Departmental Response | | | Comments (if needed) | |
| | | | 2008-09 | 2009-10 | 2010-11 | | |
| 1 | Number of Degrees Per Year | For each of the three most recent years, number of degrees awarded per academic year. | 15 | 17 | 24 | Based on IMA data | |
| 2 | Graduation Rates | For each of the three most recent years, the percent of first-year doctoral students who graduated within ten years. | 93.30% | 94.20% | 100% | Departmental figures based on those who graduated this year | |
| 3 | Average Time to Degree | For each of the three most recent years, average of the graduates' time to degree. | 5.10 years | 4.50 years | 5.6 years | 08-09: Includes 1 part-time student, 09-10: Includes 2 part-times students, 10-11 includes 3 part-times students | |
| 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. | 100% | 100% | 100% | | |
| 5 | Admission Criteria | Description of admission factors. | me.utexas.edu/graduate/applying.php | | | | |
| 6 | Percentage of Full-time Students | FTS / number of students enrolled (headcount) for the last three fall semesters. | 77% | 86% | 84.00% | Based on IMA data | |
| 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. | \$35,366 | | | Based on departmental records. Total student funding/FTE | |
| 8 | Percentage Full-Time Students with Institutional Financial Support | In the prior year (2010-11), the number of FTS with at least \$1000 of annual support / the number of FTS. | 95% | | | | |
| 9 | Number of Core Faculty | Number of core faculty in the prior year (2010-11 - see definitions). | 46 | | | Operations Research & Materials Science members removed. 46 core members active in doctoral research & supervision of ME students | |
| 10 | Student to 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. | N/A | 2.67 | 285.31 | IMAstats/IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year | |

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| 11 | Core Faculty Publications | For each of the three most recent years, average of the number of discipline-related refereed papers or publications, books or book chapters, juried creative or performance accomplishments, and notices of discoveries files or patents issued per core faculty member | 9 | 10.6 | 6.97 | | 46 core faculty used |
| 12 | Core Faculty External Grants | For each of the three most recent years, (1) average of the number of core faculty receiving external funds, (2) average external funds per faculty, and (3) total external funds per program per academic year. | 41.5/\$319,000/\$14,668,000 | 44/\$326,000/\$15,000,000 | 39/429,635/16,755,733 | | Data from ME FAR |
| 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. | not available | 8.4 | 285.31 | | Based on IMA data/ began collecting data for this item in 2009-2010; therefore, this will be our starting-point year |
| | | | White | Black | Hispanic | Other | |
| 14 | Faculty Diversity | Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed. | 40M/3F | 1M/1F | 4M/0F | 7M/3F | Using 47 Core Faculty |
| | | | White | Black | Hispanic | Other | |
| 15 | Student Diversity | Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year. | 75M/15F | 2M/0F | 11M/1F | 58M/5F | |
| 16 | Date of Last External Review | Date of last formal external review, updated when changed. | 6/1/10 | | | | SACS |
| 17 | External Program Accreditation | Name of body and date of last program accreditation review, if applicable, updated when changed. | N/A | | | | |
| 18 | Student Publications & Presentations | For the three most recent years, the number of discipline-related papers & publications, juried creative or performance accomplishments, book chapters, books, and external presentations per year by student FTE. | 1.5 | 1.75 | 1.15 | | Data from ME FAR |