

UT Dallas - 18 Characteristics of Texas Public Schools						
	Program¹	Materials Science and Engineering, CIP code 14.1801.00				
	Degree awarded	PhD				
	Program Web site	http://mse.utdallas.edu/				
	Measure	Operational Definition	2016	2017	2018	Comments
			2015-16	2016-17	2017-18	
1	Number of Degrees Per Academic Year	For each of the three most recent years, average of the number of degrees awarded per academic year.	7	7	10	
			2015-16	2016-17	2017-18	
2	Graduation Rates	For each of the three most recent years, the average of the percent of first-year doctoral students ² who graduated within ten years.	na	100%	83.55%	
			2015-16	2016-17	2017-18	
3	Average Time to Degree	For each of the three most recent years, average of the graduates' time to degree.	4.24	4.29	3.74	
			2015-16	2016-17	2017-18	
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% employed	100% employed	100% employed	
5	Admission Criteria	<p>A student lacking undergraduate prerequisites for graduate courses in Materials Science and Engineering (MSEN) must complete these prerequisites or receive approval from the graduate advisor and the course instructor. A diagnostic exam may be required. Specific admission requirements follow.</p> <ul style="list-style-type: none"> • Student has met standards equivalent to those currently required for admission to the PhD or master's degree programs in Materials Science, Electrical Engineering, Chemistry, Physics, or Biology. • A grade point average (GPA) in undergraduate-level coursework of 3.5 or better on a 4.0 point scale • GRE revised scores which are recommended as 154 or above, 154 or above, and 4 for the verbal, quantitative, and analytical writing components, respectively, are advisable based on our experience with student success in the program. <p>Students, who fulfill some of the above requirements, if admitted conditionally, will be required to take graduate level courses as needed to make up any deficiencies.</p>				
			2015F	2016F	2017F	
6	Core Faculty	Number of core faculty in the prior year.	15	16	15	

			2015	2016	2017	
7	Core Faculty Activities	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	25.67	29.73	27.71	
			FY 2015	FY 2016	FY 2017	
8	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. ⁵	15/ \$759,722/ \$11,395,833	16/ \$621,123/ \$9,937,972	15/ \$602,719/ \$9,040,789	
			2015-16	2016-17	2017-18	
9	Faculty Diversity	Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.				
		Hispanic	1	1	1	
		White	9	10	9	
		African American	1	1	1	
		Asian	3	3	3	
		Other	0	0	0	
		Female	2	2	2	
		Male	13	14	13	
			2015-16	2016-17	2017-18	
10	Student Diversity	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.				
		International	19	29	34	
		Hispanic	2	0	1	
		White	4	5	7	
		African American	0	1	2	
		Asian	1	2	4	
		American Indian or Alaskan Native	0	0	0	
		Unknown	1	1	1	
		Native Hawaiian or Pacific Islander	0	0	0	
		Two or more	0	0	0	
		Female	9	11	15	
		Male	18	27	34	
		Texas Resident	6	4	9	
		out-of-state non-resident	1	3	4	
		International non-resident	20	31	36	

11	External Program Accreditation	Name of body and date of last program accreditation review, if applicable, updated when changed.	Not applicable			
			2015-16	2016-17	2017-18	
12	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.	1.73	2.38	3.13	
13	Date of Last External Review	Date of last formal external review, updated when changed.	Spring 2013			
			2015F	2016F	2017F	
14	Enrollment	Number of FTS	26	38	47	
		Total number of students	27	38	49	
			2015F	2016F	2017F	
14	Percentage of Full-time Students	FTS ⁴ / number of students enrolled (headcount) for the last three fall semesters.	96.30%	100.00%	95.92%	
			2015-16	2016-17	2017-18	
15	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). If you wish to indicate tuition and benefits in addition to the Responses here, please include amounts and reason in "Comments".	\$2150/ month	\$2150/ month	\$2150/ month	
			2015-16	2016-17	2017-18	
16	Percentage Full-Time Students with Institutional Financial Support	In the prior year, the number of FTS with at least \$1000 of annual support / the number of FTS.	100%	100%	100%	
			2015-16	2016-17	2017-18	
17	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.	42.47	50.5	61.87	
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.	Students publish/present with their faculty advisor.			

¹ Programs included only if in existence three or more years. Program is defined at the 8-digit CIP code level.

² First-year doctoral students. Those students who have matriculated as doctoral students with a doctoral degree objective.

³ 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 This report includes only students enrolled full time in the fall semester of the given year. Full-time enrollment is defined as enrollment for 9 hours or more of course work.

⁵ All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.