

18 Characteristics of Texas Public Doctoral Programs

	Program	Materials Science & Engineering					
	Degree awarded	Ph.D.					
	Program Web site	http://www.tmi.utexas.edu/ms-and-phd-programs/ms-and-phd-program-info/					
	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.	5	13	10	IMA Reported	
2	Graduation Rates	For each of the three most recent years, the percent of first-year doctoral students who graduated within ten years.	100%	100%	100%	All Ph.D. students are required to graduate within 10 years. IMA data is inaccurate because it is based on information from the late 1990s.	
3	Average Time to Degree	For each of the three most recent years, average of the graduates' time to degree.	not available	14 semesters	14 semesters		
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.	not available	not available	10/10 Graduates Employed, 100%		
5	Admission Criteria	Description of admission factors.	http://registrar.utexas.edu/docs/catalogs/grad/ut-catalog-grad-11-13.pdf			Graduate Catalog description of admissions requirements	
6	Percentage of Full-time Students	FTS / number of students enrolled (headcount) for the last three fall semesters.	79%	83%	88%*****	IMA Reported***Rebecca check with IMA online	
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.	\$27,721			calculated by adding total students appt. allocations + tuition estimate and adding total fellowship stipends + tuition estimate and divided by total number of students appointed + total number of fellowships	
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.	97%			calculated by dividing total number of student appts. and fellowships by enrollment of FT PhD students	
9	Number of Core Faculty	Number of core faculty in the prior year (2010-11 - see definitions).	39			This is the number of active faculty on the graduate studies committee.	

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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.	not available	0.87	1.74		IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year	
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	Not available	Average # refereed journal articles published: 10.4 Average # refereed conference proceedings published: 7.2	Average # refereed journal articles published: 11 Average # refereed conference proceedings published: 2		Divided total reported refereed publications by number of faculty members reporting to generate average. 2009-2010 27 faculty members reported. 2010-2011 20 faculty members reported.	
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.	not available	1: 22 of 22 reporting 2: 3,865,246. 36 3: 2,883,304.	11: 16/16 reporting faculty (39 total faculty) 2:5,177,056 3:3,589,949		For 1 and 2: Used project total dollar amount for all grants on which faculty were listed. Added project total per faculty and divided by number of faculty reporting. For 3: Used total funding over life of program divided by years program has been in existence.	
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	115.91	283.09		IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year	
14	Faculty Diversity	Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.	White 19M/2F	Black 0M/1F	Hispanic 2M/0F	Other 14M/2F	Other=Asian/Indian	
15	Student Diversity	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.	White 25M/2F	Black 1M/0F	Hispanic 4M/1F	Other 24M/11F	Other=Asian/Indian	
16	Date of Last External Review	Date of last formal external review, updated when changed.	9/24/03					
17	External Program Accreditation	Name of body and date of last program accreditation review, if applicable, updated when changed.	Southern Association of College and Schools, Spring 2008					

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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.	4		All students polled. Nine responded.
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