

18 Characteristics of Texas Public Doctoral Programs

Program		Science Education				
Degree awarded		Ph.D.				
Program Web site		http://www.edb.utexas.edu/education/programs/sme				
	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	2	0	
2	Graduation Rates	For each of the three most recent years, the percent of first-year doctoral students who graduated within ten years.				
3	Average Time to Degree	For each of the three most recent years, average of the graduates' time to degree.	11.3 semesters	13 semesters	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: 100%	Employed: 100%	Employed: 0%	
5	Admission Criteria	Description of admission factors.	http://www.utexas.edu/ogs/admission/requirements.html			
6	Percentage of Full-time Students	FTS / number of students enrolled (headcount) for the last three fall semesters.	55%	38%	45%	9 full-time/20 total
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.	\$21,775			\$5501/sem for T.A.s for 20 hrs; \$6283/sem for A.I.s for 20 hrs.
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.	77%			7/9 full-time students received at least \$1000/academic year
9	Number of Core Faculty	Number of core faculty in the prior year (2010-11 - see definitions).	10			Core faculty members considered are either Science Education or Mathematics Education faculty, and not entirety of multi-disciplinary SME GSC.
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	1.44	0.9	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	6.45	5.25	4.3		6 out of 10 responses; 26 total publications; 26/6=4.3	
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.	(1) 8 (out of 9 faculty members); (2) \$7,534,860; (3) \$67,813,470	(1) 5 (out of 10 faculty members); (2) \$9,501,125; (3) \$95,011,250	(1) 6 (out of 10 faculty members); (2) \$1,176,341.42 (3) \$11,763,414.29		(2) results of \$11,763,414.29 divided among all SME core faculty (numbering 10)	
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	10.8	11.3		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 8	Black 0	Hispanic 2	Other 0		
15	Student Diversity	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.	White 8	Black 0	Hispanic 4	Other 8	Other=1 American Indian, 2 Asian-American, 4 Foreign, 1 No Listing	
16	Date of Last External Review	Date of last formal external review, updated when changed.	Summer 2011					
17	External Program Accreditation	Name of body and date of last program accreditation review, if applicable, updated when changed.	Southern Accreditation of Colleges and Schools					
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.	20	25	18		2010-11 data based on responses from 6 SME students	