

18 Characteristics of Texas Public Doctoral Programs

Programs included only if in existence 3 or more years. Program is defined at the 8-digit CIP code level.

Arts and Sciences	Department
Mathematics	Doctoral Degree Program

1	Number of Degrees Per Year <i>Average, 2007-2009</i> <i>For each of the three most recent years, of the number of degrees awarded per academic year.</i>	FY 2010-2011	FY 2011-2012	FY 2012-2013
		9	7	8

2	Graduate Rates <i>Students Starting 1997-1999</i> <i>For each of the three most recent years, of the percent of first-year doctoral students ² who graduated within ten years.</i> <i>²First-year doctoral students: Those students who have matriculated as doctoral students with a doctoral degree objective.</i>	Fall 2010	Fall 2011	Fall 2012
		80%	44%	71%

3	Average Time to Degree <i>Students Starting 1997-1999</i> <i>For each of the three most recent years, average of the graduates' time to degree ³</i> <i>³For 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.</i>	FY 2010-2011	FY 2011-2012	FY 2012-2013
		4.4	5.3	4.8

4	Employment Profile - (in field within one year of graduation) <i>For each of the three most recent years, the number and percent of graduates by year employed, those still seeking employment, and unknown.</i>	Fall 2010		Fall 2011		Fall 2012	
		Number	Percent	Number	Percent	Number	Percent
	Employed in Academia	0		21	60	20	60.6
	Employed as Post-Doctorates	0		1	2.9	2	3
	Employed in Industry/Professional	0		6	17.1	6	18.2
	Employed in Government	0		0		0	0
	Still seeking employment	0		2	5.7	4	12.1
	Unknown	0		5	14.3	2	6.1

5	Admissions Criteria Description of Admission Factors	http://www.math.ttu.edu/graduate/grad_appl_proc_b.shtml
		1) Graduate School Application 2) Official Transcripts 3) Official copy of the TOEFL scores (for international students) 4) Departmental Application form* 5) GRE scores* 6) Three letters of References * Required for Departmental Assistantship Application

6	Percentage of Full-time Students <i>FTS ⁴/number students enrolled (headcount) for last three fall semesters.</i> <i>⁴ Definition of Full Time Student (FTS) is institutional by program.</i>	Fall 2010	Fall 2011	Fall 2012
		94.4%	98.6%	92.4%

7	Average Institutional Financial Support Provided <i>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).</i> <i>Note: This number represents the weighted average monthly salary of all Research & Teaching Assistants and Graduate Part-Time Instructors.</i>	Fall 2010	Fall 2011	Fall 2012

Percentage Full-time Students with Institutional Financial Support	Fall 2010	Fall 2011	Fall 2012
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8	In the prior year, the number of FTS with at least \$1000 of annual support/the number of FTS.	N/A	N/A	
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9	Number of Core Faculty⁵ Number of core faculty in the prior years ⁵ Core faculty: Full-time tenured and tenure-track faculty who teach 50 percent or more in the doctoral program or other individuals integral to the doctoral program who can direct dissertation research.	Fall 2010	Fall 2011	Fall 2012
		47	47	47

10	Student-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	Fall 2010	Fall 2011	Fall 2012
		2.32	1.17	2.42

11	Core Faculty Publications For each of the three most recent calendar 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.			
		Calendar Year 2010	Calendar Year 2011	Calendar Year 2012
	Refereed Papers/Publications	65	52	63
	Books/Book Chapters	5	5	5
	Juried Creative/Performance Accomplishments	0	0	0
	Notices of Discoveries Filed/Patents	0	0	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 ⁶ ⁶ All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.			
		Fall 2010	Fall 2011	Fall 2012
	Number of Core Faculty receiving external funds	18	21	6
	Average External Grant \$ per Faculty	\$27,207	\$114,305	\$10,262
	Total External Grant \$	\$1,251,526	\$5,258,018	\$461,796

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.	Fall 2010	Fall 2011	Fall 2012
		172	332	170

14	Faculty Diversity <i>Core faculty by ethnicity (White, Black, Hispanic, other) and gender,</i>	Fall 2010		Fall 2011		Fall 2012	
		Male	Female	Male	Female	Male	Female
	White	23	3	46	6	23	3
	Black		1		2		1
	Hispanic						
	Other	14	2	32	4	15	5

15	Student Diversity <i>Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program.</i>	Fall 2010		Fall 2011		Fall 2012	
		Male	Female	Male	Female	Male	Female
	White	13	9	12	11		
	Black	1		1			
	Hispanic	1	1		1		
	Other	25	21	25	22	28	25

16	Date of Last External Review Date of last formal external review. ⁷ ⁷ Six-year Texas Tech University Graduate Program Review	2010
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17	External Program Accreditation Name of body and date of last program accreditation review,	
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if applicable.	
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18	Student Publications/Presentations <i>For the three most recent calendar years, the number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations per year by student FTE</i>			
		Calendar Year 2010	Calendar Year 2011	Calendar Year 2012
	Refereed Papers/Publications	12	23	17
	Juried Creative/Performance Accomplishments	0	0	
	Book Chapters	0	0	1
	Books	0	0	
	External Presentations	0	4	7