

## **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

	Number of Degrees Per Year	FY 2009-2010	FY 2010-2011	FY 2011-2012
1	Average, 2007-2009			
	For each of the three most recent years, of the number of degrees awarded	2	9	7
	per academic year.			

	Graduate Rates	Fall 2009	Fall 2010	Fall 2011
	Students Starting 1997-1999			
	For each of the three most recent years, of the percent of first-year			
'	doctoral students <sup>2</sup> who graduated within ten years.	75%	80%	44%
	<sup>2</sup> First-year doctoral students: Those students who have matriculated as			
	doctoral students with a doctoral degree objective.			

	Average Time to Degree	FY 2009-2010	FY 2010-2011	FY 2011-2012
	Students Starting 1997-1999			
2	For each of the three most recent years, average of the graduates'			
-	time to degree <sup>3</sup>	4.0	4.4	5.3
	<sup>3</sup> 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.			

	Employment Profile - (in field within one year of graduation)						
	For each of the three most recent years, the number and percent of graduates	Fall	2009	Fall	2010	Fall	2011
	by year employed, those still seeking employment, and unknown.	Number	Percent	Number	Percent	Number	Percent
	Employed in Academia	3		0		21	60
4	Employed as Post-Doctorates			0		1	2.9
	Employed in Industry/Professional	1		0		6	17.1
	Employed in Government			0		0	
	Still seeking employment			0		2	5.7
	Unknown	1		0		5	14.3

## 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

	Percentage of Full-time Students	Fall 2009	Fall 2010	Fall 2011
١,	FTS <sup>4</sup> /number students enrolled (headcount) for last three			
Ι'	fall semesters.	91%	94.4%	98.6%
	<sup>4</sup> Definition of Full Time Student (FTS) is institutional by program.			

Average Institutional Financial Support Provided	Fall 2009	Fall 2010	Fall 2011
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). Note: This number represents the weighted average monthly salary of all Research & Teaching Assistants and Graduate Part-Time Instructors.	1321.68		

Percentage Full-time Students with Institutional Financial Support	Fall 2009	Fall 2010	Fall 2011	ı.
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	TEXAS TECH UNIVERSITY			
8	In the prior year, the number of FTS with at least \$1000 of annual support/the number of FTS.	N/A	N/A	N/A
	Number of Core Faculty⁵	Fall 2009	Fall 2010	Fall 2011
9	Number of core faculty in the prior years <sup>5</sup> 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.	44	47	47
	Student-Core Faculty Ratio	Fall 2009	Fall 2010	Fall 2011
10	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	2.1	2.32	1.17

## **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 2009	Calendar Year 2010	Calendar Year 2011
Refereed Papers/Publications	94	65	52
Books/Book Chapters	3	5	5
Juried Creative/Performance Accomplishments		0	0
Notices of Discoveries Filed/Patents		0	0

## **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<sup>6</sup>

12 <sup>6</sup>All external funds received by core faculty from any source including research arants, training arants, aifts from foundations, etc., reported as expenditures.

grants, training grants, gifts from foundations, etc., reported as expenditures.	Fall 2009	Fall 2010	Fall 2011
Number of Core Faculty receving external funds		18	21
Average External Grant \$ per Faculty		\$27,207	\$114,305
Total External Grant \$		\$1,251,526	\$5,258,018

	Faculty Teaching Load	Fall 2009	Fall 2010	Fall 2011
	Total number of semester credit hours in organized teaching courses			
†	taught per academic year by core faculty divided by the number of	337	172	332
	core faculty.			

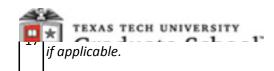
	Faculty Diversity						
	Core faculty by ethnicity (White, Black, Hispanic, other) and gender,						
		Fall 2009		Fall 2010		Fall 2011	
14		Male	Female	Male	Female	Male	Female
14	White	32	4	23	3	46	6
	Black				1		2
	Hispanic		1				
	Other	5	2	14	2	32	4

	Student Diversity Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and						
	gender in program.	Fall 2009		Fall 2010		Fall 2011	
15		Male	Female	Male	Female	Male	Female
12	White	18	5	13	9	12	11
	Black			1		1	
	Hispanic	1	1	1	1		1
	Other	13	16	25	21	25	22

	Date of Last External Review	
16	Date of last formal external review. <sup>7</sup>	2010
	<sup>7</sup> Six-year Texas Tech University Graduate Program Review	

External Program Accreditation	
Name of body and date of last program accreditation review,	

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Student Publications/Presentations
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

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18		Calendar Year 2009	Calendar Year 2010	Calendar Year 2011	
	Refereed Papers/Publications	10	12	23	
	Juried Creative/Performance Accomplishments		0	0	
	Book Chapters		0	0	
	Books		0	0	
	External Presentations	4	0	4	

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