Texas Tech University Graduate School
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.

Engineering	Department
Electrical Engineering	Doctoral Degree Program

* Information missing was not provided by department. However once data is collected tbe PDF will be updated

	Number of Degrees Per Year	FY 2010-2011	FY 2011-2012	FY 2012-2013
1	*Average, 2007-2009* *For each of the three most recent years, of the number of degrees awarded* *per academic year.*	5	5	5

	Graduate Rates	Fall 2010	Fall 2011	Fall 2012
2	*Students Starting 1997-1999* *For each of the three most recent years, of the percent of first-year* *doctoral students ² who graduated within ten years.* *²First-year doctoral students: Those students who have matriculated as* *doctoral students with a doctoral degree objective.*	89%	100%	100%

	Average Time to Degree	FY 2010-2011	FY 2011-2012	FY 2012-2013
3	*Students Starting 1997-1999* *For each of the three most recent years, average of the graduates'* *time to degree ³* *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.*	3.2	3.4	3.8

	Employment Profile - (in field within one year of graduation)	Fall 2010		Fall 20111		Fall 2012	
	For each of the three most recent years, the number and percent of graduates *by year employed, those still seeking employment, and unknown.*	Number	Percent	Number	Percent	Number	Percent
4	Employed in Academia						
	Employed as Post-Doctorates	1					
	Employed in Industry/Professional						
	Employed in Government	4					
	Still seeking employment						
	Unknown	2					

		http://www.depts.ttu.edu/ceweb/Graduate/Phd.php
5	**Admissions Criteria** Description of Admission Factors	1) Graduate School Application 2) Official Transcripts 3) Official copy of the TOEFL scores (for international students) 4) GRE scores 5) Acceptance by Graduate Faculty 6) Department Application

	Percentage of Full-time Students	Fall 2010	Fall 2011	Fall 2012
6	*FTS ⁴/number students enrolled (headcount) for last three* *fall semesters.* *⁴ Definition of Full Time Student (FTS) is institutional by program.*	80%	85%	89%

	Average Institutional Financial Support Provided	Fall 2010	Fall 2011	Fall 2012
7	*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.*	1170.62		

8	**Percentage Full-time Students with Institutional Financial Support**	Fall 2010	Fall 2011	Fall 2012
	In the prior year, the number of FTS with at least $1000 of annual support/the number of FTS.	N/A	N/A	

9	**Number of Core Faculty[5]**	Fall 2010	Fall 2011	Fall 2012
	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.*	23	28	24

10	**Student-Core Faculty Ratio**	Fall 2010	Fall 2011	Fall 2012
	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	1.24	2.89

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	50		
	Books/Book Chapters	2		
	Juried Creative/Performance Accomplishments			
	Notices of Discoveries Filed/Patents			

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		31	
	Average External Grant $ per Faculty		$59,856	
	Total External Grant $		$1,855,530	

13	**Faculty Teaching Load**	Fall 2010	Fall 2011	Fall 2012
	Total number of semester credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty.	239	334	129

14	**Faculty Diversity**						
	Core faculty by ethnicity (White, Black, Hispanic, other) and gender,						
		Fall 2010		Fall 2011		Fall 2012	
		Male	Female	Male	Female	Male	Female
	White	12	2	12	2	9	1
	Black	1		1		1	
	Hispanic	1					
	Other	5	2	10	3	10	3

15	**Student Diversity**						
	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program.						
		Fall 2010		Fall 2011		Fall 2012	
		Male	Female	Male	Female	Male	Female
	White	16	1	18	1	18	2
	Black						
	Hispanic	3		2		4	
	Other	19	7	31	8	42	9

3/6/2014

16	**Date of Last External Review** *Date of last formal external review.* [7] [7]Six-year Texas Tech University Graduate Program Review	3/15/2011

17	**External Program Accreditation** *Name of body and date of last program accreditation review,* *if applicable.*	

18	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*			
		Calendar Year 2010	Calendar Year 2011	Calendar Year 2012
	Refereed Papers/Publications	0.15		
	Juried Creative/Performance Accomplishments			
	Book Chapters			
	Books			
	External Presentations	0.2		