



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

Engineering	Department
Chemical Engineering	Doctoral Degree Program

1	Number of Degrees Per Year	FY 2007-2008	FY 2008-2009	FY 2009-2010
	<i>Average, 2007-2009</i>			
	<i>For each of the three most recent years, of the number of degrees awarded per academic year.</i>	9	5	4

2	Graduate Rates	Fall 2007	Fall 2008	Fall 2009
	<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>	0%	67%	100%
	<i>²First-year doctoral students: Those students who have matriculated as doctoral students with a doctoral degree objective.</i>			

3	Average Time to Degree	FY 2007-2008	FY 2008-2009	FY 2009-2010
	<i>Students Starting 1997-1999</i>			
	<i>For each of the three most recent years, average of the graduates' time to degree ³</i>	5.2	4.33	5.5
	<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>			

4	Employment Profile - (in field within one year of graduation)	Fall 2007		Fall 2008		Fall 2009	
	<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>	Number	Percent	Number	Percent	Number	Percent
	Employed in Academia	0	0	0	0	0	
	Employed as Post-Doctorates	4	44.4	2	40	1	
	Employed in Industry/Professional	1	11.1	1	20	1	
	Employed in Government	1	11.1	0		0	
	Still seeking employment	0	0	0		1	
	Unknown	3	33.3	2	40	2	

5	Admissions Criteria	http://www.depts.ttu.edu/che/graduate/app_process.php
	Description of admission factors	1) Graduate School Application 2) Official Transcripts 3) Official copy of the TOEFL scores (for international students) 4) Official GRE scores 5) 3 Letters of Recommendation 6) Statement of Purpose

6	Percentage of Full-time Students	Fall 2007	Fall 2008	Fall 2009
	<i>FTS ⁴/number students enrolled (headcount) for last three fall semesters.</i>	81%	88%	96%
	<i>⁴ Definition of Full Time Student (FTS) is institutional by program.</i>			

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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). Note: This number represents the weighted average monthly salary of all Research & Teaching Assistants and Graduate Part-Time Instructors.</i>	Fall 2007	Fall 2008	Fall 2009
		1251.72	1330	
8	Percentage Full-time Students with Institutional Financial Support <i>In the prior year, the number of FTS with at least \$1000 of annual support/the number of FTS.</i>	Fall 2007	Fall 2008	Fall 2009
		N/A	N/A	N/A
9	Number of Core Faculty⁵ <i>Number of core faculty in the prior years</i> ⁵ <i>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.</i>	Fall 2007	Fall 2008	Fall 2009
		12	10	14
10	Student-Core Faculty Ratio <i>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</i>	Fall 2007	Fall 2008	Fall 2009
		2.3	2.5	5
11	Core Faculty Publications <i>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.</i>			
		Calendar Year 2007	Calendar Year 2008	Calendar Year 2009
	Refereed Papers/Publications	46	54	50
	Books/Book Chapters	1	2	2
	Juried Creative/Performance Accomplishments	0	0	0
	Notices of Discoveries Filed/Patents	0	0	17
12	Core Faculty External Grants <i>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 year⁶</i> ⁶ <i>All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.</i>			
		Fall 2007	Fall 2008	Fall 2009
	Number of Core Faculty receiving external funds			
	Average External Grant \$ per Faculty			
	Total External Grant \$			
13	Faculty Teaching Load <i>Total number of semester credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty.</i>	Fall 2007	Fall 2008	Fall 2009
		248	268	259

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14	Faculty Diversity <i>Core faculty by ethnicity (White, Black, Hispanic, other) and gender,</i>	Fall 2007		Fall 2008		Fall 2009	
		Male	Female	Male	Female	Male	Female
	White	7	1	6	1	7	1
	Black						
	Hispanic						
	Other	2	2	2	1	5	1

15	Student Diversity <i>Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program.</i>	Fall 2007		Fall 2008		Fall 2009	
		Male	Female	Male	Female	Male	Female
	White	3		1		3	0
	Black					0	1
	Hispanic			1		0	0
	Other	21	13	21	11	26	19

16	Date of Last External Review <i>Date of last formal external review. ⁷</i> ⁷ Six-year Texas Tech University Graduate Program Review	2/14/2008
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17	External Program Accreditation <i>Name of body and date of last program accreditation review, if applicable.</i>	Not subject to accreditation.
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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 2007	Calendar Year 2008	Calendar Year 2009
	<i>Refereed Papers/Publications</i>	46	54	50
	<i>Juried Creative/Performance Accomplishments</i>			
	<i>Book Chapters</i>			
	<i>Books</i>			
	<i>External Presentations</i>	9	10	20