

18 Characteristics of Texas Public Doctoral Programs

	<b>Program</b>	Computational Science, Engineering, and Mathematics					
	<b>Degree awarded</b>	PhD					
	<b>Program Web site</b>	<a href="http://www.ices.utexas.edu/graduate-studies/">http://www.ices.utexas.edu/graduate-studies/</a>					
	<b>Measure</b>	<b>Operational Definition</b>	<b>Departmental Response</b>			<b>Comments (if needed)</b>	
			2008-09	2009-10	2010-11		
<b>1</b>	Number of Degrees Per Year	For each of the three most recent years, number of degrees awarded per academic year.	4	4	4		
<b>2</b>	Graduation Rates	For each of the three most recent years, the percent of first-year doctoral students who graduated within ten years.	75%	50%	83.33%		
<b>3</b>	Average Time to Degree	For each of the three most recent years, average of the graduates' time to degree.	5.5	5.5	5.5		
<b>4</b>	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.	# Emp: 4 % Emp: 100%	# Emp: 3 % Emp: 75% Still seeking: 1 % Still seeking: 25%	# Emp: 4 % Emp: 100%		
<b>5</b>	Admission Criteria	Description of admission factors.	Bachelor's degree in relevant major of specialization, such as any of the Engineering disciplines, any of the Physical or Biological Sciences, Computer Science, Finance, or Mathematics.			<a href="http://www.ices.utexas.edu/graduate-studies/admissions/">http://www.ices.utexas.edu/graduate-studies/admissions/</a>	
<b>6</b>	Percentage of Full-time Students	FTS / number of students enrolled (headcount) for the last three fall semesters.	FT: 29, PT: 2, Total: 31, FT%: 94%, FTE: 30.33	FT: 35, PT: 5, Total: 40, FT%: 88%, FTE: 37.67	FT: 44, PT: 2, Total: 46, FT%: 96%, FTE: 45.22		
<b>7</b>	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.	\$34,749			Includes tuition support	
<b>8</b>	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.	95%				

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<b>9</b>	Number of Core Faculty	Number of core faculty in the prior year (2010-11 - see definitions).			88		Number at left represents faculty eligible for participation in the PhD Program. The number currently actively involved is 38.
<b>10</b>	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	1.22	0.57		IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year
<b>11</b>	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	not available	6.9	8.2		Used number of core faculty indicated in item 9 (Core faculty =38) to calculate average for 2010-11.
<b>12</b>	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.	not available	1) .87 2) \$454,132.31 3) \$14,078,101.64	1) .91 2) \$2,381,578 3) \$90.5M		Used number of core faculty indicated in item 9 (Core faculty =38) to calculate average for 2010-11.
<b>13</b>	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	4.65	3.31		IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year
<b>14</b>	Faculty Diversity	Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.	White 61 male, 8 female	Black 0 male, 0 female	Hispanic 5 male, 1 female	Other 13 male, 0 female	
<b>15</b>	Student Diversity	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.	White 23 male, 5 female	Black 0 male, 1 female	Hispanic 2 male, 0 female	Other 13 male, 2 female	
<b>16</b>	Date of Last External Review	Date of last formal external review, updated when changed.	n/a				
<b>17</b>	External Program Accreditation	Name of body and date of last program accreditation review, if applicable, updated when changed.	n/a				
<b>18</b>	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.	not available	1.5 per student	2 per student		