

18 Characteristics of Texas Public Doctoral Programs

	Program	Electrical and Computer Engineering				
	Degree awarded	Ph.D.				
	Program Web site	http://www.ece.utexas.edu/graduate/				
	Measure	Operational Definition	Departmental Response			Comments (if needed)
			2008-09	2009-10	2010-11	
1	Number of Degrees Per Year	For each of the three most recent years, number of degrees awarded per academic year.	40	41	67	
2	Graduation Rates	For each of the three most recent years, the percent of first-year doctoral students who graduated within ten years.	56.67	51.13	50	New students often join the ECE graduate program with an intention to earn the MS followed by the Ph.D, but then change their plans and stop at the MS. These numbers reflect this change in plans.
3	Average Time to Degree	For each of the three most recent years, average of the graduates' time to degree.	5.2	5.85	5.49	
4	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.	40 employed for 100%	41 employed for 100%	67 employed for 100%	

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5	Admission Criteria	Description of admission factors.	<p>To enter the graduate program in electrical and computer engineering, a student should normally have an undergraduate degree in this field. A student with a degree in another field may enter if his or her background is appropriate for the chosen area of specialization; however, deficiencies in undergraduate preparation must be made up at the discretion of the Graduate Studies Committee. Standards for entrance into the program generally exceed the minimum standards established by the University; a departmental admissions committee recommends admission or nonadmission of individual applicants.</p> <p>Graduate students in electrical and computer engineering are expected to be proficient in English. Any student who does not meet the proficiency standards of the University or the department may be required to complete a three-semester-hour English course. The course is counted toward the student's course load for the semester but is not counted toward the fulfillment of course requirements for the graduate degree. (p.188)</p>		http://registrar.utexas.edu/docs/catalogs/grad/ut-catalog-grad-11-13.pdf	
6	Percentage of Full-time Students	FTS / number of students enrolled (headcount) for the last three fall semesters.	69	73	71	
7	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.	\$29,535 per year gross			
8	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.	78%			

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9	Number of Core Faculty	Number of core faculty in the prior year (2010-11 - see definitions).	Headcount: 86			The number at left represents faculty eligible for participation in the PhD program. The number currently actively involved is 69. 69 is the number of faculty on the ECE GSC whose "home department" is ECE, and not the faculty from other departments voted onto the ECE GSC as "guest" members.
10	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	5	5	2010-11 Data: Used Student FTE of 351.11 divided by the 69 faculty currently actively involved in the program to get this number.
11	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	8.6	8.7	9.4	
12	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.	1: 62 2: \$191,000 3: \$15,022,921	1: 63 2: \$290,000 3: \$21,797,137	1: 64 2: \$298,000 3: \$22,338,081	
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.	not available	1.9436	3.4511	IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year. Used 69 as number of core faculty for 2010: 238.13 of semester credit hours provided by IMA divided by 69 equals 3.4511
14	Faculty Diversity	Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.	White 59 Total: 54 M; 5 F	Black 1 Total: 1 M; 0 F	Hispanic 0	Other 26: 24 M; 2 F
15	Student Diversity	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.	White 80 Total: 74 M; 6 F	Black 2 Total: 2 M; 0 F	Hispanic 9 Total: 7 M; 2 F	Other 341 T: 283 M; 58 F
16	Date of Last External Review	Date of last formal external review, updated when changed.	November 8, 2010			

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17	External Program Accreditation	Name of body and date of last program accreditation review, if applicable, updated when changed.	Southern Association of Schools and Colleges (SACS); Academic Year				
18	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.	1.6	1.5	1.9		