

18 Characteristics of Texas Public Doctoral Programs

Program	Astronomy						
Degree awarded	PhD						
Program Web site	http://www.as.utexas.edu/astronomy/education/gradstudies.html						
	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.	4	9	5		
2	Graduation Rates	For each of the three most recent years, the percent of first-year doctoral students who graduated within ten years.	100%	100%	100%		
3	Average Time to Degree	For each of the three most recent years, average of the graduates' time to degree.	5.5	4.44	5		
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.	Not Available	100%	80%		One of 5 graduates this year chose to stay home to raise a family after defending her PhD.
5	Admission Criteria	Description of admission factors.	Comprehensive: Prerequisites for graduate work in astronomy are at least fifteen to eighteen semester hours of upper-division coursework in astronomy and physics, including courses in mechanics, electricity and magnetism, statistical physics, and quantum mechanics; and a satisfactory score on the Graduate Record Examinations Physics Test. The Physics Test must be taken in addition to the General Test of the Graduate Record Examinations, which is required for admission to the Graduate School. An applicant who does not present a satisfactory score on the Physics Test may, on recommendation of the Graduate Studies Committee, be granted a conditional admission to the program requiring removal of deficiencies in physics. A detailed evaluation is made of each new student's physics and astronomy background to identify any deficiencies that should be removed.				http://registrar.utexas.edu/catalogs/grad09-11/ch04/ns/grad09.ast.ch.html

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6	Percentage of Full-time Students	FTS / number of students enrolled (headcount) for the last three fall semesters.	97%	100%	100%		
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.	\$23,075 per year plus tuition and benefits				GRA and TA salaries divided by number of students.
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.	100%				
9	Number of Core Faculty	Number of core faculty in the prior year (2010-11 - see definitions).	21				
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	1.48	1.35		
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	5	6	7		
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.	Not Available	(1) 12 (2)\$350,064 (3)\$4,200,770	(1) 16 (2)\$236,600 (3)\$3,785,603		
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	276.43	518		IMA began collecting data for this item in 2009-2010; therefore, 2009-2010 will be the starting-point year
14	Faculty Diversity	Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.	White M16/F2	Black 0	Hispanic 0	Other M2/F1	
15	Student Diversity	Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.	White M11/F4	Black 0	Hispanic M2/F0	Other M6/F5	
16	Date of Last External Review	Date of last formal external review, updated when changed.	Spring 2009				
17	External Program Accreditation	Name of body and date of last program accreditation review, if applicable, updated when changed.	Not Applicable				

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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.	Not Available	4	4		Polled students and extracted average of those who responded, which was not 100% of the student FTE
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