

## Mechanical Engineering PhD

<https://www.uta.edu/engineering/future-students/programs-phd/mechanical-engineering-phd.php>

Measure	Definition	Academic Year			Comments		
		2017-18	2018-19	2019-20			
1	<b>Number of Doctoral Degrees Awarded per Year</b> The number of doctoral degrees awarded for each of the 3 most recent years.		16	10	18		
2	<b>Graduation Rates</b> The percentage of doctoral students who graduated within 10 years for each of the 3 most recent years.		75.0%	100%	66.7%	These data reflect the percent of students starting their programs in Fall 2007, 2008 or 2009 who completed their degrees within 10 years.	
3	<b>Average Time to Degree</b> The average of graduates' time to degree, from the year students matriculated with a doctoral degree objective until the year they graduated.		5.6	4.7	5.6		
4	<b>Employment Profile of Graduates</b> The number and percentage of graduates employed in their field within one year of graduation, those still seeking employment, and unknown. Employment includes full-time self-employment, private practice, residency, fellowship, and other opportunities for further training or education.	Employed	Number	16	10	18	
			Percent	100%	100%	100%	
		Seeking	Number	0	0	0	
			Percent	0.0%	0.0%	0.0%	
	Unknown	Number	0	0	0		
			Percent	0.0%	0.0%	0.0%	
5	<b>Admissions Criteria</b> Current Admission Criteria.		<a href="http://goo.gl/c5D7ZC">http://goo.gl/c5D7ZC</a>				
6	<b>Core Faculty</b> The number of core faculty for each of the 3 most recent years. "Core faculty" is defined as appropriately credentialed individuals integral to the doctoral program, such as those who teach courses, mentor students, or serve on dissertation committees.		34	39	35		
7	<b>Core Faculty Activities</b> The average number of discipline-related refereed papers/publications, juried creative/performance accomplishments, and notices of discoveries filed/patents issued per core faculty member for each of the 3 most recent years.		1.9	4.5	2.1	Of the 73 total core faculty publications/activities reported in AY 2019-20, 4 were co-authored with other core faculty.	
8	<b>Core Faculty External Grants</b> The number of core faculty receiving external funds, average external funds per core faculty member, and total external funds per program. External funds from any source are reported, including research grants, training grants gifts from foundations, etc.	Funded core faculty	17	16	9		
		Avg. external funds	\$131,861	\$141,587	\$92,633		
		Total External Funds	\$3,955,836	\$5,521,912	\$2,871,614		

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		2017-18	2018-19				
9	Core Faculty Diversity	The number of core faculty by gender and ethnicity.	Male	31	33	29	
			Female	3	6	6	
			Black, African Amer	2	2	2	
			Asian	15	16	14	
			Hispanic	0	1	2	
			International	1	0	0	
			Amer Ind., Alaska Native	0	0	0	
			White	13	18	17	
			Multiracial	0	0	0	
			Hawaiian, Pacif. Islander	0	0	0	
			Unknown, not rept'd	3	2	0	
10	Student Diversity	Fall semester headcount by gender, ethnicity and residency status.	Female	7	5	4	
			Male	48	49	50	
			Asian	2	2	2	
			Black / African-American	3	3	2	
			Hispanic	1	0	0	
			International	39	42	45	
			Multiracial	1	1	1	
			Native American	0	0	0	
			Hawaiian/Pacific Islander	0	0	0	
			Unknown	2	0	1	
			White	7	6	3	
Texas Resident	19	16	11				
International non-resident	27	29	35				
Out of state non-resident	9	9	8				
11	External Program Accreditation	Name of accrediting body and date of last program accreditation review, if applicable.		n/a			
12	Student-Core Faculty Ratio	Number of full-time student equivalents divided by the number of full-time faculty equivalents of core faculty.	1.3	1.2	1.3		
13	Date of Last External Review	Date of last formal external review.	2014-15				
14	Percentage of Full-Time Students	Full-time student equivalents divided by the headcount number of students.	83.0%	87.9%	83.5%		
15	Average Institutional Financial Support Provided	For those receiving financial support, report the average annual monetary institutional support provided per full-time student from assistantships, scholarships, stipends, grants, and fellowships.	\$20,799	\$22,686	\$23,016		
16	Percentage of Full-Time Students with Institutional Financial Support	Report the percentage of full-time students with at least \$1,000 of annual support for each of the 3 most recent years.	100%	100%	100%		

	Measure	Definition		Academic Year			Comments
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17	<b>Core Faculty Teaching Load</b>	Report the total number of SCH in organized teaching courses taught per academic year by core faculty divided by the number of core faculty for each of the 3 most recent years. Organized classes include lecture, laboratory, and seminar courses.		13.5	16.3	12.3	
18	<b>Student Publications</b>	Report the number of discipline-related refereed papers/publications, juried creative/performance accomplishments, and external presentations per year for each of the 3 most recent years.		89	50	123	Of the 123 graduate student publications reported in AY 2019-20, 68 were co-authored with other students