

HOUSTON Characteristics of Texas Professional Doctoral Programs

Program :	Materials Science & Engineering
Website:	http://materials.egr.uh.edu/info/degree-requirements

Characteristics 1-13: Reported by all doctoral programs.

		2017-2018	2018-2019	2019-2020																																																																									
1	Number of Doctoral Degrees Awarded per Year Number of doctoral degrees awarded for each of the 3 most recent years	13	12	5																																																																									
2	Graduation Rates Percentage of doctoral students who graduated within 10 years for each of the 3 most recent years	0%	100%	-																																																																									
3	Average Time to Degree Average of graduate's time to degree for each of the 3 most recent years	5.2	4.8	5.7																																																																									
4	Employment Profile (in field within one year of graduation) Number and percentage of graduates employed in their field within one year of graduation, those still seeking employment, and unknown, for each of the 3 most recent years	<table border="1"> <thead> <tr> <th></th> <th>#</th> <th>%</th> <th>#</th> <th>%</th> <th>#</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>Employed</td> <td>0</td> <td>0</td> <td>3</td> <td>25%</td> <td>3</td> <td>60%</td> </tr> <tr> <td>Still Seeking Employment</td> <td>0</td> <td>0</td> <td>8</td> <td>67%</td> <td>1</td> <td>20%</td> </tr> <tr> <td>Unknown</td> <td>13</td> <td>100%</td> <td>1</td> <td>8%</td> <td>1</td> <td>20%</td> </tr> </tbody> </table>							#	%	#	%	#	%	Employed	0	0	3	25%	3	60%	Still Seeking Employment	0	0	8	67%	1	20%	Unknown	13	100%	1	8%	1	20%																																										
	#	%	#	%	#	%																																																																							
Employed	0	0	3	25%	3	60%																																																																							
Still Seeking Employment	0	0	8	67%	1	20%																																																																							
Unknown	13	100%	1	8%	1	20%																																																																							
5	Admission Criteria Most recent years provide a description key admission factors or link to program criteria	http://materials.egr.uh.edu/info/admissions																																																																											
6	Core Faculty Number of core faculty for each of the 3 most recent years (defined as appropriately credentialed individuals integral to the doctoral program, such as those who teach courses, mentor students, or serve on dissertation committees)	12	11	11																																																																									
7	Core Faculty Activities 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	5.78	5.68	6.19																																																																									
8	Core Faculty External Grants Include all external funds received by core faculty and reported as expenditures from any source, including research grants, training grants, gifts from foundations, etc. (data also included in mechanical and electrical engineering)	<table border="1"> <thead> <tr> <th></th> <th>2017-2018</th> <th>2018-2019</th> <th>2019-2020</th> </tr> </thead> <tbody> <tr> <td>Number of core Faculty Receiving External Grants</td> <td>11</td> <td>11</td> <td>11</td> </tr> <tr> <td>Average External Grant Dollars per Core Faculty Member</td> <td>\$325,032</td> <td>\$303,926</td> <td>\$302,715</td> </tr> <tr> <td>Total External Grant Dollars</td> <td>\$3,575,348</td> <td>\$3,343,181</td> <td>\$3,329,866</td> </tr> </tbody> </table>							2017-2018	2018-2019	2019-2020	Number of core Faculty Receiving External Grants	11	11	11	Average External Grant Dollars per Core Faculty Member	\$325,032	\$303,926	\$302,715	Total External Grant Dollars	\$3,575,348	\$3,343,181	\$3,329,866																																																						
	2017-2018	2018-2019	2019-2020																																																																										
Number of core Faculty Receiving External Grants	11	11	11																																																																										
Average External Grant Dollars per Core Faculty Member	\$325,032	\$303,926	\$302,715																																																																										
Total External Grant Dollars	\$3,575,348	\$3,343,181	\$3,329,866																																																																										
9	Faculty Diversity Core faculty by gender and ethnicity for each of the 3 most recent years	<table border="1"> <thead> <tr> <th></th> <th>Male</th> <th>Female</th> <th>Male</th> <th>Female</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>3</td> <td>2</td> <td>3</td> <td>1</td> <td>3</td> <td>1</td> </tr> <tr> <td>Black/African American</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Hispanic</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Asian</td> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>7</td> <td>0</td> </tr> <tr> <td>International</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Other</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>							Male	Female	Male	Female	Male	Female	White	3	2	3	1	3	1	Black/African American	0	0	0	0	0	0	Hispanic	0	0	0	0	0	0	Asian	7	0	7	0	7	0	International	0	0	0	0	0	0	Other	0	0	0	0	0	0																					
	Male	Female	Male	Female	Male	Female																																																																							
White	3	2	3	1	3	1																																																																							
Black/African American	0	0	0	0	0	0																																																																							
Hispanic	0	0	0	0	0	0																																																																							
Asian	7	0	7	0	7	0																																																																							
International	0	0	0	0	0	0																																																																							
Other	0	0	0	0	0	0																																																																							
10	Student Diversity Fall semester head count by gender, ethnicity, and residency status	<table border="1"> <thead> <tr> <th></th> <th>Male</th> <th>Female</th> <th>Male</th> <th>Female</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>3</td> <td>2</td> <td>1</td> <td>2</td> <td>3</td> <td>3</td> </tr> <tr> <td>Black/African American</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Hispanic</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td>Asian</td> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>International</td> <td>33</td> <td>7</td> <td>40</td> <td>4</td> <td>34</td> <td>6</td> </tr> <tr> <td>Other</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Texas Resident</td> <td>6</td> <td>2</td> <td>3</td> <td>1</td> <td>4</td> <td>3</td> </tr> <tr> <td>Out-of-State Non-Resident</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td>International Non-Resident</td> <td>33</td> <td>7</td> <td>40</td> <td>4</td> <td>34</td> <td>6</td> </tr> </tbody> </table>							Male	Female	Male	Female	Male	Female	White	3	2	1	2	3	3	Black/African American	0	0	0	0	0	0	Hispanic	2	0	1	0	1	0	Asian	1	1	1	0	0	1	International	33	7	40	4	34	6	Other	0	0	0	0	0	0	Texas Resident	6	2	3	1	4	3	Out-of-State Non-Resident	0	1	0	1	0	1	International Non-Resident	33	7	40	4	34	6
	Male	Female	Male	Female	Male	Female																																																																							
White	3	2	1	2	3	3																																																																							
Black/African American	0	0	0	0	0	0																																																																							
Hispanic	2	0	1	0	1	0																																																																							
Asian	1	1	1	0	0	1																																																																							
International	33	7	40	4	34	6																																																																							
Other	0	0	0	0	0	0																																																																							
Texas Resident	6	2	3	1	4	3																																																																							
Out-of-State Non-Resident	0	1	0	1	0	1																																																																							
International Non-Resident	33	7	40	4	34	6																																																																							
11	External Program Accreditation Name of body and date of last program accreditation review, if applicable	ABET																																																																											

12	Student-Core Faculty Ratio Number of full-time equivalents divided by the number of full-time faculty equivalents of core faculty for each of the 3 most recent years	4.1	4.5	4.4
13	Date of Last External Review	2017		

Characteristics 14-18: Reported by Research Doctoral Programs Only.

14R	Percentage of Full-Time Students Report the fall semester's number of full-time student equivalents divided by the headcount number of students enrolled for each of the 3 most recent years.	87.8%	91.8%	87.5%
15R	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 (does not include tuition or benefits) for each of the 3 most recent years.	\$23,129.35	\$17,973.58	\$19,566.36
16R	Percentage of Full-Time Students with Institutional Financial Support Report the percentage of full-time students with at least \$1000 of annual support for each of the 3 most recent years.	100	100	100
17R	Faculty Teaching Load Report the total number of SCH in organized teaching courses taught per academia 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.	7.4	3.2	2.5
18R	Student Publications/Presentations 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. If figures include duplicate entries for co-authored publications, indicate the number of duplicate entries in a note.	22	-	52

Characteristics 19-20: Reported by Professional Doctoral Programs only.

19P	Average Tuition and Fees to Complete the Degree Combined annual tuition and program-specific fees multiplied by the average number of years that graduates took to complete the degree.				
20P	Students Passing Licensure Exams Number and percentage of students in the cohort passing licensure exams for each of the most recent years.				
	First-Time Test Takers	#	%	#	%
	Repeat Test Takers	#	%	#	%