Characteristics and Outcomes of PhD Programs

Biomedical Engineering (CIP: 14.0501)

Duke University

Enrollment Headcounts

	Fall 2017 Headcount	Fall 2017 Percent
Total	185	
Domestic	137	74.1%
URM	19	13.9%
International	48	25.9%
Men	108	58.4%
Women	77	41.6%

Admissions

	AY 2015	AY 2016	AY 2017
Applicants	470	475	514
Admits	48	51	71
Matriculants	29	28	45
Admit Rate	10.2%	10.7%	13.8%
Yield	60.4%	54.9%	63.4%

Degree Recipients

by Academic Year of Conferral

	AY 2009-11	AY 2012-14	AY 2015-17
Total	69	68	90
Domestic	51	51	69
URM	4	6	6
International	18	17	21
Men	48	45	52
Women	21	23	38

Median Time to Degree for Recipients

by Academic Year of Conferral

	AY 2009-11	AY 2012-14	AY 2015-17
Total	5.7	5.7	5.7
Domestic	6.0	5.7	5.7
URM	6.2	6.2	6.0
International	5.3	5.0	5.3
Men	5.7	5.8	5.7
Women	6.0	5.3	5.3

Cohort Completions

by Academic Year of Entry

	AY 2003-05	AY 2006-08	AY 2009-11
Total Entering	-	-	-
Not Enrolled Fall 2017	10	6	10
Left w/ Master's	5	1	5
Enrolled Fall 2017	-	1	3
Total Completed	70	63	79
< 3Yr	-	2	-
3-4	6	4	2
4-5	18	15	24
5-6	26	20	34
6-7	10	15	18
7-8	5	5	
8-9	2	1	
9-10	2		
> 10	1		

Cohort Completion Rates

by Academic Year of Entry

	AY 2003-05	AY 2006-08	AY 2009-11
All Recipients	87.5%	90.0%	85.9%
Domestic	89.6%	89.4%	84.9%
URM	90.9%	75.0%	66.7%
International	76.9%	91.3%	89.5%
Men	86.5%	90.0%	83.6%
Women	86.5%	90.0%	89.2%

Initial[1] Career Outcomes

by Academic Year of Conferral

Sector

AY 2016-2018		
Total	67	100%
Academia	43	64.18%
Government	4	5.97%
For-Profit	16	23.88%
Nonprofit	-	-
Other	-	-
Unknown	4	5.97%

Career Type

AY 2016-2018		
Total	67	100%
Further Training or Education	38	56.72%
Primarily Research	18	26.87%
Primarily Teaching	-	-
Discipline-Related	5	7.46%
Not Related to Discipline	2	2.99%
Unknown	4	5.97%

Job Function

AY 2016-2018		
Total	67	100%
Administration	-	-
Business development, consulting, and strategic alliances	3	4.48%
Clinical research management	-	-
Clinical services	1	1.49%
Data science, analytics, and software engineering	1	1.49%
Entrepreneurship	1	1.49%
Faculty: nontenure track	-	-
Faculty: tenured/tenure track	1	1.49%
Faculty: tenure track unclear or not applicable	-	-
Group leader (research)	-	-
Healthcare provider	3	4.48%
Full-time teaching staff	-	-
Intellectual property and law	-	-
Part-time teaching staff	-	-
Postdoctoral	32	47.76%
Regulatory affairs	-	-
Research staff or technical director	14	20.90%
Sales and marketing	-	-
Science education and outreach	-	-
Science policy and government affairs	1	1.49%
Science writing and communication	1	1.49%
Technical support and product development	2	2.99%
Other	-	-
Completing further education	3	4.48%
Deceased/retired	-	-
Unknown	4	5.97%

[1]**Methodological Note**
All career outcomes data was collected through a combination of efforts that include direct survey to recent graduates, departmental self- reporting, and web searching. Please note: initial is defined as the position held 90 days after graduation.

For more information concerning the common set of definitions employed in the Coalition for Next Generation Life Science, please refer to: http://nglscoalition.org/coalition-resources/

For more information pertaining to career outcomes data at the Duke Graduate School, please visit: http://bit.ly/DukeCareerStats