

Characteristics and Outcomes of PhD Programs
Chemistry (CIP: 40.0501)
 Duke University



Enrollment Headcounts

	Fall 2017	
	Headcount	Percent
Total	131	
Domestic	64	48.9%
URM	11	17.2%
International	67	51.1%
Men	66	50.4%
Women	65	49.6%

Admissions

	AY 2015	AY 2016	AY 2017
Applicants	271	276	335
Admits	62	57	89
Matriculants	28	19	33
Admit Rate	22.9%	20.7%	26.6%
Yield	45.2%	33.3%	37.1%

Degree Recipients

by Academic Year of Conferral

	AY 2009-11	AY 2012-14	AY 2015-17
Total	41	48	47
Domestic	27	34	29
URM	3	1	2
International	14	14	18
Men	21	23	28
Women	20	25	19

Median Time to Degree for Recipients

by Academic Year of Conferral

	AY 2009-11	AY 2012-14	AY 2015-17
Total	5.0	5.0	5.4
Domestic	5.3	5.0	5.7
URM	6.7	6.0	5.3
International	4.7	5.0	5.3
Men	5.0	5.0	5.7
Women	5.2	5.0	4.9

Cohort Completions

by Academic Year of Entry

	AY 2003-05	AY 2006-08	AY 2009-11
Total Entering	-	-	-
Not Enrolled Fall 2017	12	14	11
Left w/ Master's	5	5	5
Enrolled Fall 2017	-	-	2
Total Completed	38	50	43
< 3Yr	-	1	1
3-4	3	3	2
4-5	17	28	18
5-6	14	16	14
6-7	3	1	7
7-8	-	1	
8-9	1	-	
9-10	-		
> 10	-		

Cohort Completion Rates

by Academic Year of Entry

	AY 2003-05	AY 2006-08	AY 2009-11
All Recipients	76.0%	78.1%	76.8%
Domestic	79.3%	77.1%	85.7%
URM	100%	33.3%	50.0%
International	71.4%	81.2%	66.6%
Men	80.7%	78.6%	86.2%
Women	70.8%	77.7%	66.6%

Initial¹ Career Outcomes

by Academic Year of Conferral

Sector

	AY 2016-2018	
Total	45	100%
Academia	17	37.78%
Government	2	4.44%
For-Profit	18	40.00%
Nonprofit	3	6.67%
Other	1	2.22%
Unknown	4	8.89%

Career Type

	AY 2016-2018	
Total	45	100%
Further Training or Education	20	44.44%
Primarily Research	6	13.33%
Primarily Teaching	1	2.22%
Discipline-Related	12	26.67%
Not Related to Discipline	2	4.44%
Unknown	4	8.89%

¹Methodological 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>

Job Function

	AY 2016-2018	
Total	45	100%
Administration	1	2.22%
Business development, consulting, and strategic alliances	-	-
Clinical research management	-	-
Clinical services	1	2.22%
Data science, analytics, and software engineering	1	2.22%
Entrepreneurship	-	-
Faculty: nontenure track	-	-
Faculty: tenured/tenure track	-	-
Faculty: tenure track unclear or not applicable	-	-
Group leader (research)	-	-
Healthcare provider	-	-
Full-time teaching staff	-	-
Intellectual property and law	-	-
Part-time teaching staff	-	-
Postdoctoral	20	44.44%
Regulatory affairs	-	-
Research staff or technical director	10	22.22%
Sales and marketing	-	-
Science education and outreach	-	-
Science policy and government affairs	-	-
Science writing and communication	-	-
Technical support and product development	7	15.56%
Other	1	2.22%
Completing further education	-	-
Deceased/retired	-	-
Unknown	4	8.89%