

Characteristics and Outcomes of PhD Programs

Biomedical Engineering

Case Western Reserve University

Enrollment Headcounts

	Fall 2019		Fall 2020		Fall 2021		Fall 2022		Fall 2023	
	Count	%	Count	%	Count	%	Count	%	Count	%
Total	112	100%	112	100%	128	100%	130	100%	147	100%
Domestic	68	61%	65	58%	69	54%	86	66%	92	63%
URM	9	8%	8	7%	11	9%	11	8%	14	10%
International	44	39%	47	42%	59	46%	44	34%	55	37%
Male	64	57%	62	55%	66	52%	74	57%	79	54%
Female	47	42%	50	45%	60	47%	55	42%	66	45%
Other	1	1%	0	0%	1	1%	0	0%	2	1%
Unknown	0	0%	0	0%	1	1%	1	1%	0	0%

* COVID

Degree Recipients

by Academic Year of Conferral

	AY 2013-15	AY 2016-18	AY 2019-21
Total	54	25	47
Domestic	38	16	33
URM	5	1	3
International	16	9	14
Male	27	16	27
Female	27	9	20

* COVID

Cohort Completions

by Academic Year of Entry

	AY 2007-09	AY 2010-12 *as of 8/2019	AY 2013-15 *as of 8/2022
Total Entering	76	55	64
Retained	0	0	5
Withdrawn	21	15	18
Left w/ Master's	2	9	4
Total Completed	53	31	37
Graduated in less than 4 years	10	5	1
4 yrs to less than 5 yrs	15	9	10
5 yrs to less than 6 yrs	11	12	9
6 yrs to less than 7 yrs	9	3	12
7 yrs or more	8	2	5

Notes:

- Underrepresented Minority (URM) includes individuals who self-identify with one or more of the following: African American/Black, Hispanic/Latino/a, Native American/Alaska Native, and Pacific Islander.
- Time to Degree for recipients is the elapsed time between entering a graduate program and degree conferral date (including any leaves of absence).
- Academic Year (AY) begins in Summer and includes Fall and Spring.



	AY 2019	AY 2020	AY 2021	AY 2022	AY 2023
Applicants	164	142	173	146	147
Admits	45	25	42	36	40
Matriculants	26	19	28	27	30
Admit Rate	27%	18%	24%	25%	27%
Yield	58%	76%	67%	75%	75%

* COVID

Median Time to Degree for Recipients

by Academic Year of Conferral

	AY 2013-15	AY 2016-18	AY 2019-21
Total	5.7	5.7	5.7
Domestic	5.7	5.7	5.9
URM	5.7	4.7	6.3
International	5.8	5.7	5.5
Male	5.9	5.8	5.7
Female	5.3	5.3	5.8

* COVID

Cohort Completion Rates

by Academic Year of Entry

	AY 2007-09	AY 2010-12 *as of 8/2019	AY 2013-15 *as of 8/2022
All Recipients (graduation rate)	70%	56%	58%
Domestic	64%	53%	62%
URM	60%	0%	100%
International	85%	67%	47%
Male	71%	55%	51%
Female	68%	58%	68%