

Characteristics and Outcomes of PhD Programs

Chemical Engineering

Case Western Reserve University

Enrollment Headcounts

	Fall 2019		Fall 2020		Fall 2021		Fall 2022	
	Count	%	Count	%	Count	%		
Total	28	100%	21	100%	25	100%	24	100%
Domestic	18	64%	15	71%	16	64%	12	50%
URM	2	7%	3	14%	3	12%	3	13%
International	10	36%	6	29%	9	36%	12	50%
Male	20	71%	14	67%	10	40%	10	42%
Female	8	29%	7	33%	15	60%	14	58%

* COVID

Degree Recipients

by Academic Year of Conferral

	AY 2013-15	AY 2016-18	AY 2019-21
Total	17	15	14
Domestic	4	8	9
URM	0	0	0
International	10	7	5
Male	12	10	12
Female	5	5	2

* 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	31	12	21
Retained	0	0	0
Withdrawn	6	3	5
Left w/ Master's	0	0	1
Total Completed	25	9	15
Graduated in less than 4 years	8	3	4
4 yrs to less than 5 yrs	12	4	6
5 yrs to less than 6 yrs	5	2	4
6 yrs to less than 7 yrs	0	0	1
7 yrs or more	0	0	0

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.

Admissions

	AY 2019	AY 2020	AY 2021	AY 2022
Applicants	62	74	86	131
Admits	23	19	21	29
Matriculants	9	4	11	5
Admit Rate	37%	26%	24%	22%
Yield	39%	21%	52%	17%

* COVID

Median Time to Degree for Recipients

by Academic Year of Conferral

	AY 2013-15	AY 2016-18	AY 2019-21
Total	4.7	4.3	3.9
Domestic	4.7	4.3	3.9
URM	N/A	N/A	N/A
International	4.7	4.7	3.9
Male	4.7	4.3	3.9
Female	4.7	4.7	4.8

* 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)	81%	75%	71%
Domestic	89%	63%	71%
URM	100%	100%	0%
International	77%	100%	100%
Male	78%	63%	79%
Female	88%	100%	57%