

Institutional Effectiveness Report 2018-19

Program: Comp2018through

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Timely graduation is important for students and for the responsible use of department resources. Students going beyond 2.5 years for their M.S. should be an exception. Note that we use the 2.5-year measure due to the fact that many graduate students defend late in their intended semester of graduation and will miss the defense deadline for graduation. As such, while a student successfully defends their thesis or project in one semester, they are listed as a graduate of the following semester. Our desired level of attainment is 80% graduating within 2.5 years. We are not including direct-admit PhD students who are also pursuing their M.S. degree because their timeline can be very different.

Results:

	2016-17	2017-18	2018-19
Number of graduates	6	7	10
% with at least 3.5	66.67%	71.43%	100%

The department began using this metric in 2016-17 as an indirect measure of student achievement. We have seen some increase in student quality using this measure each year, but while the trend appears to indicate a yearly improvement in student success, the number of students measured is not yet significant enough to make broader quality assessments.

	2016-17	2017-18	2018-19
Number of graduates	6	7	10
% with publication or presentation	33.33%	57.14%	70%

In 2016-2017, the department began measuring the

Since 2016, only 3 of the 23 graduates (13%) were unable to complete the degree in 2.5 years or less. For those 3 students last year (2017-2018) that did not graduate in the 2.5-year window, we believe many factors contributed to their inability to complete, some of which is out of control of the department. Even with a higher number of graduates this year (2018-2019), we were able to graduate all of them within the 2.5-year window, exceeding our expectations.

Modifications for Improvement:

The CSC Department has in place a framework/process for the continual improvement of the MS program to ensure its learning outcomes are met and that the outcomes are themselves updated as

Appendix 1: Curriculum Map

Computer Science - Master's Program

Course	Title	Student Outcomes		
		SLO1	SLO2	SLO3
CSC 5100	Operating Systems	X	X	X
CSC 5200	Computer Networks	X	X	X
CSC 5220	Data Mining/Machine Learning	X	X	X
CSC 5240	Artificial Intelligence	X	X	X

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CSC 6450