

Student Learning Outcomes Assessment Summary

Computer Science, MS

College of Engineering and Mines

AY 2016-17 and 2017-18

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1. Assessment information collected

Knowledge:

- Comprehensive exam pass rates: all years
- Faculty and committee evaluation of MS projects: all years

Communication:

- Faculty and committee evaluation of MS project reports: all years

Practice:

- Faculty and committee evaluation of MS projects: all years

Data:

Comprehensive Exam Pass Rates:

- 2016-2017: 1 pass out of 1 given
- 2017-2018: 3 passes, 1 conditional pass, and 1 fail, out of 5 given

Faculty evaluation of MS projects:

- 2016-2017: 1 project submitted, 1 deemed acceptable (100%)
- 2017-2018: 0 projects submitted

Faculty evaluation of MS project reports:

- 2016-2017: 1 project submitted, 1 deemed acceptable (100%)
- 2017-2018: 0 projects submitted

2. Conclusions drawn from the information summarized above

Communications skills and practical skills of students completing the program are satisfactory. Overall pass rates for the comprehensive exam are acceptable.

As it has for a number of years, enrollment in the CS MS program continues to vary considerably. Currently we have five students in the BS/MS program that took comprehensive exams in Spring of 2018 and are on track to graduate in December. (The student who failed the comprehensive exam is expected to pass in Fall 2018, as well as complete their project. It is not unusual for participants of our 5 year BS/MS program to slip their schedule by one semester - studying for comps and taking classes and completing their project and project report by April is a lot to pack into the last year.) As well, we have two other current students, and five expected to start next year.

Lack of available instructors and funding has forced some graduate classes to be stacked with undergraduate classes, which reduces the quality of the CS MS program. This remains true even after the curricular changes described in the 2015-2016 SLOA.

3. Curricular changes resulting from conclusions drawn above

No new curricular changes have resulted from the above conclusions, although we are considering expanding the reach of our graduate program to provide service to Anchorage area professionals via distance delivery and evening classes.

4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

All CS department faculty reached the above conclusions.