

M.S. Quickstart Program
for Computer Science Students

Quickstart Program

The MSCS Quickstart program in Computer Science (COSC) presents highly qualified UW students with the opportunity to begin graduate study while they complete their bachelor of science (BS) degree in COSC.

- Qualified students receive provisional admission to the COSC graduate program prior to completing the normal application process.
- Students in the program may apply up to six credit hours of 5000-level courses toward both the BS and graduate degree programs.

Quickstart Admissions

Students are eligible to apply to the MSCS Quickstart program in the second semester of their junior year or during their senior year.

Minimum requirements for admission to the joint program are:

- 1 the successful completion with a grade of B or better of at least two courses from two of the four areas required for admission to the COSC M.S. program (see list on next slide)
- 2 having completed at least 75 credit hours with a minimum cumulative GPA of 3.0 in courses taken at UW,
- 3 a minimum GPA of 3.0 in COSC courses, and
- 4 names of three references; at least two of which must be from full-time UW COSC faculty members.

Areas and Courses

Area	Course	Title
ALG	COSC 3020	Algorithms and Data Structures
TH	COSC 4200	Computability and Complexity
PL	COSC 4780	Principles of Programming Languages
	COSC 4785	Compiler Construction I
OS	COSC 4740	Operating Systems Design

Grade of B or better of at least two courses from two of the four areas.

M.S. Degree Requirements

Plan A (thesis)

- COSC 5110 - Analysis Of Algorithms (3 credits)
- Breadth: theory course, AI course, two systems courses (12 credits)
- Additional courses (12 credits)
- COSC 5960 - Thesis Research (4 credits)
- Total credits: 31

Plan B (course-only)

- COSC 5110 - Analysis Of Algorithms (3 credits)
- Breadth: theory course, AI course, two systems courses (12 credits)
- Additional courses (18 credits)
- Total credits: 33

More Information

Program Document:

https://www.uwyo.edu/cosc/_files/docs/mscs_quick_start.pdf

COSC Graduate Coordinator:

John Hitchcock

Fall 2022 Courses

If you are interested in learning more about algorithms or theory, consider taking one of these courses in Fall 2022:

- COSC 5110 - Analysis of Algorithms
- COSC 5200 - Computational Complexity