

Master of Science in Computer Science (MSCS)

Department of Computer Science



The Master of Science in Computer Science provides advanced coursework and research in theory and programming. Our program allows students to tailor the coursework to their personal career goals and backgrounds. The program features research opportunities spanning a wide range of specialty areas. Applicants to the program need to possess a strong undergraduate background, an ability to work independently, and a desire to work on challenging and fundamental problems with the potential for long-term and real-world impact.

Students pursuing a MSCS degree must complete 45 credit hours of advisor-approved graduate level coursework. At least 30 of these credits must be in PSU's CS courses. Students can take up to 15 credits outside of CS.

All courses must be passed with a B- or better. Core courses must be passed with a B or better. The GPA for all graduate credits must be at least a 3.0

45-Credit Breakdown

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3 Core Courses

- CS 581 Theory of Computation
- CS 558 Programming Languages
- CS 533 Concepts of Operating Systems

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3 Courses from a Single Track

- Databases
- Intelligent and Adaptive Systems
- Languages
- Security
- Software Engineering
- Systems
- Theory

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Electives

For more information visit cs.pdx.edu | Email: gccs@pdx.edu