

Online MS in Computer Science



Program Overview

Computer science is an in-demand field that impacts nearly every industry and sector, including transportation, healthcare, education and financial services. Our online Master of Science in Computer Science (MSCS) program offers a cutting-edge, experiential curriculum that provides you with the fundamental technical knowledge you'll need to succeed while exploring new industry challenges and innovations. With two program tracks to choose from, you can pursue a course sequence that aligns with your computer science skill level.

Learning Outcomes

- **Develop strong technical skills** such as algorithms and theory, artificial intelligence, databases and data mining.
- **Build awareness of team dynamics** to effectively collaborate in group settings and communicate through presentations and reports.
- **Establish deep knowledge of a particular domain and broad foundation of computer science disciplines**, including a dynamic understanding of decision principles and software patterns.
- **Maintain an independent, self-starter mentality** with intellectual flexibility so you can advance into leadership/management roles.
- **Strengthen data-driven leadership skills** by using data to make good decisions, frame questions and tell a persuasive story.
- **Embody persistence in learning and problem-solving** with a mindset that strives to create innovative technologies and solutions.

Quick Facts

10–11*
Courses

2
**Program
Tracks**

5–6 Academic
Terms*
Program Length

50 Minutes
Live class time per week

20,000+
Alumni across 70 countries

\$45,000–
\$51,750
Total Tuition**

* The number of courses and program length vary depending on your program track.

** The tuition and fees listed are effective for the 2022–2023 academic year, based upon the student's selected program track. Per credit hour or per semester calculations are available from Student Financial Services. Tuition and fees are subject to review and/or change, with approval by the University Provost's Office and Case Western Reserve University Board of Trustees.

