M.S. in Software Engineering: Design Your Future

The Master of Science in Software Engineering (MSSE) program at the University of Minnesota prepares students to advance in their careers by strengthening theoretical and best-practice knowledge while also placing focus on state-of-the-art trends in the field. The cohort-style program is taught by scholars/practitioners who are industry experts with current, real world experience.

Bradley Jewell
Software Architect at C.H. Robinson

"I've successfully used something from every class in my work. My new skills were put to an abrupt test when I was unexpectedly promoted to architect. The first few weeks in my new role were exhausting, but so far I have been succeeding thanks to the MSSE program. Every day I say a small thank you to the professors who taught me what I have needed to succeed."

Program Highlights

- An advanced degree in two years (30 credit), with summers off

- Cohort model—learn with the same small group of students throughout the program—emphasizes team work and collaboration

- Convenient class schedule designed for busy working adults—only on campus once per week, rotating between Fridays and Saturdays

- Classes taught by experienced professionals who are subject matter experts in their field

- Interactive, robust and intellectual classroom discussion allows students to learn from faculty as well as from each other

- Classroom learning can be immediately applied to professional practice

- Professional Seminar Series connects students with industry leaders and innovators in the field of software engineering

- Final semester of study features electives on leading-edge topics chosen by the cohort

- Housed within the University of Minnesota Software Engineering Center (UMSEC), a leading hub of research and innovation

- Active network of 600+ alumni provides networking and development opportunities

- Reserved parking, breakfast, registration and completion of graduation forms are all provided for students

For students whose schedules do not allow for full-time study, our part-time option provides the ability to complete the program at a reduced pace. An optional plan to extend the program over 4-5 years of study is available.

Learn more: **msse.umn.edu**

PROGRAM SCHEDULE

Fall	Spring	Fall	Spring
Software Engineering I	Software Design	Software Architecture	User Interface Design & Evaluation
Data Modeling	Software Process & QA	Project Management	Elective I
Professional Seminars	Software Test & Verification	Professional Seminars	Elective II
7 credits	8 credits	7 credits	8 credits

Program fee includes tuition, textbooks, parking, mandatory fees, catering, graduation costs, and more. Financial aid is available for this program. To learn more, go to **z.umn.edu/finaidMSSE** or contact Jim Parker at j-park1@umn.edu or 612-626-0750.

Laura Gabrielson
Business Intelligence Software Engineer at Be The Match

"I chose this program so I can work full-time while studying for my master's degree. It was absolutely important to me that the program only took two years to complete. I loved being with the same group the whole time. I have learned new skills and gained more confidence, which will help me advance in the software engineering field."

Who Should Apply

Software engineering professionals seeking to increase their potential and relevance in marketplace

Applicants must have:

- Undergraduate degree in computer science or related field

- Minimum cumulative GPA of 3.0

- Minimum one year technical work experience in software field and be currently employed

International students must:

- Have legal status in U.S. for full-time study

- Provide official transcripts in English

- Establish proof of English language proficiency

Are you prepared for your future in Software Engineering?

To learn more about the MSSE program at the University of Minnesota, visit our website at **msse.umn.edu** or call **612-625-1381**.

Software Engineering