The UWL Master of Software Engineering (MSE) program focuses on state-of-the-art technologies in software development and team leadership.

Software Engineers are creative thinkers, problem-solvers, and leaders who can communicate effectively and manage teams.

Students will acquire technical skills and software project management skills that are required to lead and to carry out software development projects.

MSE graduates have obtained high-salary jobs at the largest and most desirable global firms - with a close to 100% job placement rate.

WHY SOFTWARE ENGINEERING AT UW-LA CROSSE?

MSE students develop high-demand skills by completing a 12-credit customized capstone project with the guidance of a faculty mentor.

Capstones typically involve real-world applications using industry best practices, and are completed in collaboration with clients who will use the product upon delivery.

Deep faculty expertise combined with a robust array of department resources provides students with an exceptional experience, leading to some of the best salaries among UWL graduates.

uwlax.edu/academics/grad/software-engineering

UNIVERSITY OF WISCONSIN LA CROSSE UWL

UNIVERSITY OF WISCONSIN-LA CROSSE
College of Science and Health

MASTER OF SOFTWARE ENGINEERING

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UWL Admissions Office: admissions@uwlax.edu
Financial Aid Office: finaid@uwlax.edu

UNIVERSITY OF WISCONSIN LA CROSSE UWL

MASTER OF SOFTWARE ENGINEERING

PROGRAM CURRICULUM

TOTAL 36 CREDITS

8 COURSES WITH A 12-CREDIT CAPSTONE PROJECT CUSTOMIZED FOR EACH STUDENT'S INTEREST

ALL FACULTY HAVE A PH.D. DEGREE

DISTINGUISHED LECTURE SERIES IN COMPUTER SCIENCE

The UWL Distinguished Lecture Series in Computer Science attracts internationally recognized leaders in computer science for lectures, technical symposia, and workshops. The series was started in 1990 and is supported through the UW-La Crosse Foundation and the College of Science and Health.

We frequently invite Turing Award winners to speak on campus. www.cs.uwlax.edu/notable/dls-series The Turing Award is the highest honor in computer science, as there is no Nobel Prize in this field.

Student's app helps capture pandemic's impact

Before starting at UWL, Jacob McAllister didn't know the difference between the "cut" and "copy" commands on a computer.

Now, he is working towards a BS degree in Computer Science with an emphasis on Cybersecurity and a Master of Software Engineering, During the pandemic, he created an app that provides unique and informative illustrations of COVID-19 data nationwide.

"This has become quite an exciting and meaningful project to work on because the information it makes accessible is so relevant," says McAllister, who is in UWL's Computer Science and Master of Software Engineering Dual Degree Program. "It's surreal to be able to contribute in a positive way to a situation like this using skills that I've been building over the last four years. I hope that the application can be used by more people and that utility is continued to be found in it."

McAllister also appreciates how many different career options exist within the computer science field. He hasn't decided what he wants to do after graduation, but the skills he's gained in the dual degree program will serve him well in a variety of careers.

"There are so many different directions that I could go with a degree in computer science and software engineering," he says. "This is one of the major reasons that the field appeals to me so much."

Grad student develops new podcasting platform

Logan Larson, who completed his dual degree with a BS in Computer Science and a Master of Software Engineering at UWL in 2024, has loved computer science since he was a kid.

In fact, Larson's mother has been a computer science teacher all of his life. He says he started creating his own video games when he was young, and as he continued to take courses throughout his education, that passion grew and grew.

As a graduate student, Larson had the opportunity to participate in the WiSys "App Start" competition. This event allows UW students to pitch an original app idea to a group of judges for a chance to receive funding and assistance to make their idea come to life.

Larson's concept, "Castify," revolves around podcasts. He says, "Podcasts don't have a certain social media platform like other types of media, and I wanted to create something that puts all in one space."

Larson also mentions that his third-place finish in the WiSys competition gave him more fuel to turn his idea into a business.

As this business continues to develop and grow, Larson wants students and funders alike to know that he's looking for a cofounder as well as financial backing.

"I'm hoping to see this project rolling by the time I graduate," he explains, "I plan on working on this full time to turn it into one of the best podcasting platforms on the market."