

A photograph of an outdoor courtyard at the University of Twente. In the foreground, several bright red, modern-looking boats are parked on a gravel surface next to a small body of water. A few people are sitting on the boats. In the background, there are large white canopies supported by black poles, and a modern building with a glass facade. The sky is blue with some light clouds.

UNIVERSITY  
OF **INFINITE**  
**AMBITIONS.**

MASTER  
OF SCIENCE  
**COMPUTER SCIENCE**  
SOFTWARE  
TECHNOLOGY

UNIVERSITY  
OF TWENTE.



# MASTER'S PROGRAMME COMPUTER SCIENCE - SOFTWARE TECHNOLOGY

This specialized discipline is offered as a Computer Science Master's programme.

If your interest encompasses development of high-tech software, not restricted to any application domain, then this degree programme is for you.

High-tech software development requires a thorough understanding of current technology, polished design and programming skills, and a comprehensive working knowledge of the different phases of software engineering. Aside from these general requirements, every domain of application has its own special features, languages and techniques.

The Software Technology Master's programme offers a combination of courses that teach all of the aspects listed above. Our students graduate as experts in state-of-the-art technologies and software engineering phases. They also acquire specialist insight into their choice of application domains, including databases, wireless and embedded systems, security or cloud computing. In addition to an individual graduation project, students will also carry out an industrial team-based project focusing on a real-life problem. Throughout the programme, students will amass theoretical knowledge and learn practical skills that will make them assets as developers for a broad and diverse range of software products and uses.

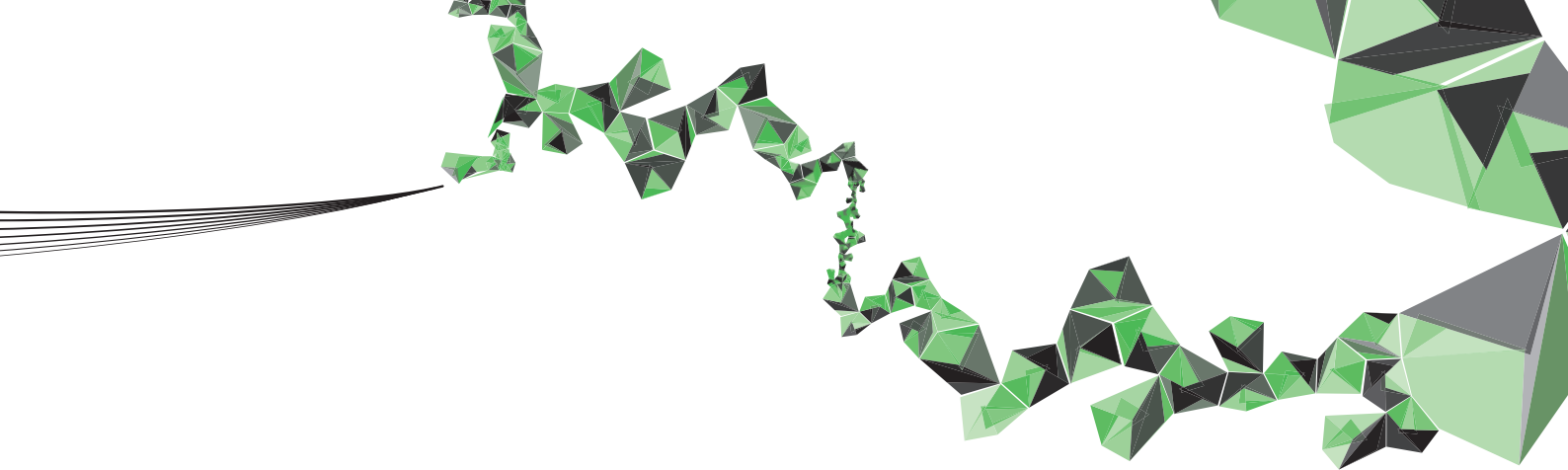
This Master's programme makes use of the expertise of an Industrial Advisory Board, comprised of representatives from the region's foremost software-intensive high-tech companies. The board offers advice on the relevance of the curriculum, suggests improvements, submits interesting case studies and assignments, and contributes guest lectures.



## QUICK FACTS

Starting date	<b>1 September or 1 February</b>
Degree	<b>Master of Science</b>
Language	<b>English</b>
Duration	<b>2 years, 120 credits</b>
Website	<b><a href="http://www.utwente.nl/go/csc">www.utwente.nl/go/csc</a></b>





## THE RIGHT CHOICE FOR YOU?

Software Technology (ST) is the right programme for you if your goal is to become any of the following:

A software practitioner, who

- has theoretical knowledge and practical skills in a broad range of software engineering phases, encompassing architecture, design, construction and validation techniques and tools.
- is general to address specific software engineering challenges in application areas, such as sensor networks, information systems and security.

A researcher, who

- is well equipped to carry out theoretical and experimental research in the realm of software engineering technologies, programming or design paradigms, or software engineering methods.

A tool builder, who

- is proficient in the state-of-the-art software engineering techniques needed to create or contribute to fit-for-purpose, maintainable software tools.

## CAREER OPPORTUNITIES

Software is nowadays found in all kinds of application areas, ranging from computer applications, web services and information systems to the automotive or consumer electronics sector. A Master's degree with the Software Technology specialization offers employment opportunities for software developers or consultants with a perspective on software-intensive high tech industry, as well as for researchers at the university of industrial research centers.

## ELIGIBILITY CHECK

Our eligibility check is designed to assist you as a student holding a non-Dutch diploma. It will give you an indication of your eligibility to be admitted to the Master's programme Computer Science. The check will take about five minutes to complete. Please note that this is not part of the official admission procedure. No rights can be obtained from the outcome of the eligibility check.

Check your eligibility: <https://www.utwente.nl/go/csc/eligibility-check>