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UNIVERSITY OF TWENTE.

## Construction Management and Engineering

University of Twente

Master Postgraduate Enschede

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### Course description

Qualification Master of Science

Field of study Engineering

Course summary Complex, innovative and multidisciplinary projects in a dynamic environment require a new breed of engineers who are able to expertly combine engineering knowledge with management skills.

Course description New techniques, shifting roles, complicated logistics and globalization are having a major impact on the nature of construction projects. Complex, innovative and multidisciplinary projects in a dynamic environment call for a new breed of engineers who are able to expertly combine engineering knowledge with management skills. The Master's programme in Construction Management and Engineering (CME) can train you to be just such an engineer. A hands-on expert who is able to combine the technical aspects of civil engineering projects with the non-technical dimension. The 3TU Master's programme in CME uses cutting-edge technology to dissect and understand processes which integrate governance issues, societal trends and management methodologies. Key areas of study in the University of Twente's CME programme include sustainable building, public-private governance, industrialization in engineering and construction, IT in the supply chain and IT and risk management. This broad programme has been developed in close association with the construction industry and is not only project-based but also geared towards process and design.

Study Core subjects are: Legal & Governance Aspects; Project Management; Process Management; Collaborative Design & Engineering and a Integration Project. Specializations are in Sustainable Building; Public Private Governance; Industrialization; Supply Chain & ICT;



subjects	Innovation and Risk Management. A programme consists of 5 core courses, 6 specialization courses and a thesis project.
Course objectives	The objective of the course is to educate engineers who master the process and oversee all aspects, technical and non technical of the design and execution of complex (i.e. cross-border) construction projects.
ECTS credits	120.00
Duration	2 year(s) full-time
Language of instruction	English
Instruction modes	colloquium, individual assignment, lecture, project, self study, tutorial
Accreditation	nvaao

## About the institution

Department	Engineering Technology
Information about the institution	The University of Twente is where talent can best realize its full potential. Students and staff are the key. Together they ensure pioneering research, relevant innovation and inspiring education.

## Admission

Admission requirements	<ol style="list-style-type: none"> <li>1. BSc degree (or equivalent) of a high quality and level in engineering.</li> <li>2. CGPA of at least 75% of the maximum scale and/or top 10% of class</li> <li>3. Clear motivation for the combination of Engineering and Management</li> </ol>
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Language requirements	IELTS overall band 6.5 TOEFL internet based 90
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Professional experience required -

Duration	2 year(s) full-time
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	Start date EU/EEA Students	Non-EU/EEA students
Application deadlines	1 Sep 2019	1 Jul 2019
	1 Feb 2020	1 Dec 2019
	1 Sep 2020	1 Jul 2020
	1 Feb 2021	1 Dec 2020
	1 Feb 2021	1 Dec 2020
	1 Sep 2021	1 Jul 2021
<b>Year</b>	<b>EU/EEA</b>	<b>Non-EU/EEA Institutional</b>



2019 (FT) € 2083	€ 15750	€ 15750
2020 (FT) € 2083	€ 16000	€ 16000

In short, the following rules apply:

- Tuition fees
- The "EU/EEA rate" is the regular fee for students from within the EU/EEA.
  - The "non-EU/EEA rate" is the rate for students from outside the EU/EEA.
  - The "institutional rate" is for all students who have already obtained a bachelor's or master's degree and who want to start a second programme leading to a degree at the same level or at a lower level.
  - Note that FT, PT and D stand for "full-time", "part-time" and "dual", respectively.

Make sure you contact your institution to find out what rate applies to you. The rates listed here are estimates.

Scholarships Orange Knowledge Programmes (OKP), Erasmus+ Master Loan Scheme, University of Twente Scholarship, Holland Scholarship, Orange Knowledge Programme (OKP), UAF: Foundation for Refugee Students, DUO Tuition and Course Grant, John Monash Scholarships, Erasmus+ Exchange (Australia), New Holland Scholarship Australia, LPDP Indonesia, StuNed - Master, CONACyT Scholarship, Resource Management Law Association Scholarship, Anandamahidol, GI Bill Scholarship (U.S. Veteran Affairs), Marine Gunnery Sergeant John David Fry Scholarship (U.S.A. Veteran Affairs)

For more scholarships, visit: [www.grantfinder.nl](http://www.grantfinder.nl)

Course website [More information about the course](#)

## Contact

### University of Twente

study@utwente.nl

Contact information for the study programme

### Question about this study? Contact our student team!

study@utwente.nl

### Vragen over onze opleidingen? Bel, chat of mail met ons studententeam

study@utwente.nl



## Studie Informatiecentrum

Contact information for the institution study info  
study@utwente.nl

Telephone number +3153 489 5489

Course website [More information about the course](#)

Institution website [More information about the institution to search page](#)

