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UNIVERSITY OF TWENTE.

Industrial Engineering & Management

University of Twente

Master Postgraduate Enschede

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Course description

Qualification Master of Science

Field of study Economics, commerce, management and accounting

Course summary This 2-year, English-taught Master's - with tracks in Finance, Healthcare and Production/Logistics - will equip you to design, manage and optimize processes in complex, globally active organizations.

Course description The two-year, English-taught Master's programme Industrial Engineering & Management at the University of Twente is an internationally oriented programme that trains you to design, manage and optimize processes in complex organizations operating in a global context. This acclaimed programme is all about helping businesses with the new and increasingly complex challenges they face. Our unique blend of cross-disciplinarity and application will equip you to analyse highly complex organizational problems, design cutting-edge, workable solutions, and successfully implement them. Our unique specializations - Financial Engineering & Management (FEM), Healthcare Technology & Management (HCTM), and Production & Logistic Management (PLM) - prepare you for the role of problem solver skilled in handling specific complexities and unpredictability in a responsible, hands-on manner. In addition to your specialization, you can choose from various orientations to adapt the programme to your precise interests and ambitions. Graduates quickly find challenging, well-paid jobs in a variety of areas - for example, in consultancy or research, or with a corporate, government or healthcare organization.

The programme comprises a total of 120 EC over a period of two years. There are 3 specializations: Production and Logistic Management (PLM); Healthcare Technology and



Study subjects	Management (HCTM); Financial Engineering and Management (FEM). The IEM programme offers six common courses (30EC) open for all students. Each specialization offers two bridging courses (10 EC), a number of specific specialization courses and a final thesis (30 EC).
Course objectives	The master's programme in Industrial Engineering and Management (IEM) focuses on the development and management of processes within or between companies. Your extensive knowledge can be put to use to provide optimum support for making decisions about organizing and managing business processes. The aim is to gain a better understanding of the relationship between process development and process control and the relevant achievement indicators.
ECTS credits	120.00
Duration	2 year(s) full-time
Language of instruction	English
Instruction modes	case study, computer exercise, excursion, group assignment, group discussion, individual assignment, lecture, literature study, research project, research proposal, oral presentation, self evaluation, self study, tutorial, working group
Accreditation	nvaio

About the institution

Department	Behavioural Management and Social sciences
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	1. CGPA of at least 80% of the maximum score	
	2. Bachelor degree in a related field	
	3. Clear and relevant statement of motivation for one of the specialisations	
	4. It is required to have a bachelor degree in a related field and knowledge of the following topics: Research Methodology, Statistics/Mathematics. Disregarding your previous education, you always need Mathematics B and English at pre-university level if you want to apply for the master's Industrial Engineering and Management.	
Language requirements	IELTS listening	6.5
	IELTS overall band	6.5
	IELTS reading	6.5
	IELTS speaking	6.5
	IELTS writing	6.5
	TOEFL internet based	90

Professional



experience -
required

Duration 2 year(s)
full-time

Start date EU/EEA Students Non-EU/EEA students

	1 Sep 2020	1 Jul 2020	1 May 2020
	1 Feb 2021	1 Dec 2020	1 Oct 2020
Application deadlines	1 Sep 2021	1 Jul 2021	1 May 2021
	1 Feb 2022	1 Dec 2021	1 Oct 2021
	1 Sep 2022	1 Jul 2022	1 May 2022
	1 Feb 2023	1 Dec 2022	1 Oct 2022

Year EU/EEA Non-EU/EEA Institutional

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), University of Twente Scholarship (UTS), Professor De Winter Scholarship, Holland Scholarship, Mahmoud S. Rabbani Scholarship, Orange Knowledge Programme (OKP), Kipaji Scholarship, UAF: Foundation for Refugee Students, DUO Tuition and Course Grant, John Monash Scholarships, Erasmus+ Exchange (Australia), New Holland Scholarship Australia, Orange Tulip Scholarship Brazil, Colfuturo Loan Programme powered by University of Twente, The Qalaa Holdings Scholarship Foundation, Erasmus+ Master Loan Scheme, Lembaga Pengelola Dana Pendidikan | LPDP (Indonesia), Orange Tulip Scholarship Indonesia, StuNed - Master, K.C. Mahindra Scholarships for Postgraduate Studies Abroad, CONACyT Scholarship, Fondo para el Desarrollo de Recursos Humanos (FIDERH), Orange Tulip Scholarship Mexico, The National Postgraduate Scholarship Programme - Oman, Anandamahidol, GI Bill Scholarship (U.S. Veteran Affairs), Marine Gunnery Sergeant John David Fry Scholarship (U.S.A. Veteran Affairs), Orange Tulip Scholarship Vietnam

For more scholarships, visit: www.grantfinder.nl

Course



website [More information about the course](#)

Contact

Contact information for the study programme **Question about our study programmes?**
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Contact information for the institution **Studie Informatiecentrum**
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Telephone number +3153 489 5489

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

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