

# Favourites



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UNIVERSITY OF TWENTE.

## Applied Mathematics

University of Twente

Master Postgraduate Enschede

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### Course description

Qualification Master of Science

Field of study Mathematics, natural sciences and computer science

Course summary As an applied mathematician, you occupy a key position in the scientific world. Through mathematical models, you grasp the essence of a problem and see links between seemingly unrelated phenomena.

Course description This Master's programme is as much about attitude and motivation as it is about pure mathematics. Applied mathematics has largely developed in response to the need to formulate and solve problems in a diversity of fields. In short, it is the language of scientific communication par excellence. The programme offers an environment where you can specialize in modern mathematical techniques, working closely with other academic disciplines such as physics, (industrial) engineering, logistics and computer sciences. You will be considered a junior member of the research department and actively participate in your supervisor's research programme. Applied Mathematics - or engineering mathematics as it is sometimes called - distinguishes itself from pure mathematics in that it draws inspiration for its own development from interaction with related fields such as physics, astronomy, chemistry, biology, economics-, and computer sciences, to name but a few. A Master's degree in Applied Mathematics will open a great many doors in your future career. Regardless of whether you opt to work for a company, a consulting firm, a research institute or a university.

Study subjects The MSc AM programme has a nominal study length of two years (120 EC). Specialisations: Operational Research, Mathematical Physics & Computational Mechanics, Mathematics and Applications of Signals & Systems.



Course objectives	This programme focusses on improving the proficiency in modern applied mathematics and mathematical modeling in the area of operations research and in the area of physical phenomena of graduates in mathematics or engineering and professionals.
ECTS credits	120.00
Duration	2 year(s) full-time
Language of instruction	English
Instruction modes	colloquium, individual assignment, internship, lecture, literature study, research, research project, research proposal, oral presentation, poster presentation, project, self study, seminar, traineeship, working group
Accreditation	nvaio

## About the institution

Department	Electrical Engineering, Mathematics and Computer Science
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 in Mathematics, Advanced Technology, Physics, Engineering or Econometrics, or equivalent qualification.</li> <li>2. High level of motivation and commitment.</li> <li>3. CGPA at least 70 -75%</li> </ol>
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Language requirements	Cambridge Certificate in Advanced English	C1
	Cambridge Certificate of Proficiency in English	C1
	IELTS overall band	6.5
	TOEFL internet based	90

Professional experience required -

Duration 2 year(s)  
full-time

	<b>Start date EU/EEA Students</b>	<b>Non-EU/EEA students</b>
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 Sep 2021	1 Jul 2021
	1 Feb 2022	1 Dec 2021
		1 May 2019
		1 Oct 2019
		1 May 2020
		1 Oct 2020
		1 May 2021
		1 Oct 2021



Year	EU/EEA	Non-EU/EEA	Institutional
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

Erasmus+ Master Loan Scheme, University of Twente Scholarship, Holland Scholarship, 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, 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](mailto:study@utwente.nl)

Contact information for the study programme

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

[study@utwente.nl](mailto:study@utwente.nl)

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

[study@utwente.nl](mailto:study@utwente.nl)



## Studie Informatiecentrum

Contact information for the institution

study info

[study@utwente.nl](mailto:study@utwente.nl)

Telephone number

+3153 489 5489

Course website

[More information about the course](#)

Institution website

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