

# Favourites



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## Biomedical Engineering

Eindhoven University of Technology

Master Postgraduate Eindhoven

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### Course description

Qualification Master of Science

Field of study Health care, social services and care services

Course summary Today's technology has become an essential part of modern healthcare. We use physics, chemistry, mathematics and electrical engineering, together with a medical and biological understanding.

Course description The program in Biomedical Engineering aims to train engineers who are able to organize and carry out both fundamental and applied research in the field of biomedical engineering. This relatively new engineering discipline is based on integrating technological and life sciences, and allows you to specialize in a number of different directions. The subject matter is complex, and the focal areas involved include innovation and development. The program is research-driven and design-oriented. Most of the courses have a biomedical and technical orientation. As a biomedical engineer you will be able to work in a number of different disciplines within the overall field of biomedical engineering, for example as a developer or designer of products or services based on medical technology for trade and industry. It is also possible to follow a program for clinical physicists after your master's, although this means that you will have to take specific elective courses during your master's program. The program is research-driven, and as a student your academic training is based on intensive involvement in research.

Study subjects Within the master's program you can choose between the free profile and the research profile. The free profile contains a larger amount of elective courses, where in the research profile this time is used for your graduation project.



Course objectives	Being able to organize and carry out both fundamental and applied research in the field of biomedical engineering.
ECTS credits	120.00
Duration	24 month(s) full-time
Language of instruction	English
Instruction modes	case study, computer exercise, excursion, group assignment, lecture, individual assignment, laboratory work, literature study, oral presentation, research, research project, poster presentation, practicum, project, seminar, internship, tutorial, working group, self evaluation, self study
Accreditation	-

## About the institution

Department	faculty of Biomedical Engineering
Information about the institution	Eindhoven University of Technology (TU/e) is a research university specializing in engineering science & technology.

## Admission

Admission requirements	1. BSc in Biomedical Engineering or equivalent.
	2. For admission a minimum of 75% CGPA. For entry to Amandus H. Lundqvist Scholarship Program (ALSP) a minimum of 80% CGPA.
	3. For international students: You need to be proficient in the English language. TOEFL (Test of English as a Foreign Language). Overall band score of at least 90 AND a minimum score of 21 for each section. TU/e only accepts the TOEFL internet-based test. Please note that we only accept all scores from 1 test date. TU/e does not accept MyBest Scores. or IELTS (academic version) with an overall band score of at least 6.5 and a minimum of 6.0 for each section. or University of Cambridge proof that you have passed the C2 proficiency (formally known as Certificate of Proficiency in English CPE, with overall score 180 with a minimum of 169 in each section), or the C1 Advanced Certificate(formally known as the Certificate in Advanced English CAE) with overall score 176 with a minimum of 169 in each section. No other language tests are accepted than the tests mentioned above.
	4. Letter of Motivation.

Language requirements	Cambridge Certificate of Proficiency in English	C1
	IELTS listening	6
	IELTS overall band	6.5
	IELTS reading	6
	IELTS speaking	6
	IELTS writing	6
	TOEFL internet based	90



Professional -  
experience  
required

Duration 24 month(s)  
full-time

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

Application	1 Sep 2019	1 Jun 2019	1 May 2019
deadlines	1 Feb 2020	1 Nov 2019	-
	1 Sep 2020	1 Jun 2020	1 May 2020

**Year EU/EEA Non-EU/EEA Institutional**

2019 (FT) € 2083 n.a. n.a.

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), Amandus H. Lundqvist Scholarship Program, Holland Scholarship, Orange Knowledge Scholarship Programme (formerly NFP), StuNed Scholarship Programme

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

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

## Contact

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Course website

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Institution website

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