You've just gained your Master's or are in the final stages of your technology university course and you want to go even deeper within your field in order to have a solid foundation for your future. Eindhoven University of Technology (TU/e) gives you a range of possibilities. If your focus is scientific research, a four-year PhD may be the thing for you or if you prefer to bring your scientific knowledge to bear in an industrial setting, you could consider a two-year technological designer program (PDEng traineeship).

Whatever your choice is, you can be assured of good supervision, intrinsic challenges and excellent research facilities. Moreover, as a TU/e PhD student or PDEng trainee, you will be part of the scientific staff, with a salary and excellent fringe benefits.

TU/e: a good choice

- Top quality research
- High on the ‘Time Educational Supplement’s ranking and Citation Impact Scores
- Excellent labs and research facilities
- In the heart of the Brainport high-tech region
- Close cooperative links with industry
- World leader in scientific output in cooperation with industry according to the Leidse Center for Science and Technology Studies (CWTS)
- International contacts
- Salary and excellent secondary terms and conditions of employment
- International scientific staff
- Open and informal atmosphere
- English as a second language
- Vibrant campus and city
- Excellent supervision for international students and staff
Science
(fundamental)

The TU/e Education Scheme

3 yr or comparable university.

At TU/e you are eligible for a PhD position if you hold a Master of Science degree from a technology university in most other countries (see figure).

In the four years of your PhD program you will be trained to become an independent researcher, undertaking your study under the supervision of a professor, presenting a thesis at the end. You will write scientific publications, give presentations at conferences and seminars to scientists from your field as well as do some teaching-related work.

You will also attend classes and will work on your personal development through the PROOF course (PROviding Opportunities For PhD students; see www.tue.nl/proof). Once you have successfully completed your thesis, you will be awarded the Dr. title, which will give you an excellent opening for a scientific position at a university as well as for a job in industry. PhD’s from TU/e are now working in industry, government and scientific institutions around the world. Some are even CEO’s of multi-nationals.

Getting started as a PhD

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PhD

Dutch Degree: Dr.ir.

4 yr

PDEng

Dutch Degree: Professional Doctorate in Engineering

2 yr

MS

Dutch Degree: Ir. "academic engineer"

2 yr

BSc

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The facts

• TU/e has 200 PDEng trainees and 700 PhD students
• TU/e has 7,200 students and 3,000 staff, 240 of whom are professors
• TU/e has 12 three-year Bachelor programs, 26 two-year Master programs in English and 8 two-year technological designer programmes in English
• TU/e has students and staff from some 90 different countries
• Nearly 30 percent of the scientific staff originate from countries outside the Netherlands.

This figure is 50 percent for PhD students

• A PhD earns between 1,400 and 1,800 euros per month after tax
• A PDEng trainee earns around 1,275 euros per month after tax

• PhD’s and PDEng trainees have similar fringe benefits to other TU/e staff, like 42 days of leave, a relocation allowance when emigrating and participation in a collective health insurance scheme.

‘I am researching combustion processes. How can we make them more effective and cleaner? Every day I am contributing towards a cleaner environment. I draw my inspiration and motivation largely from this idea. Besides this, almost every day I enjoy the International, dynamic and open atmosphere here at TU/e. The non-hierarchical structure of the division and the easy approachability of the professors are really unique. There are so many places where these don’t exist. I’ll obtain my doctorate soon; if I join an organization with a work atmosphere like the one here, I’ll be a happy man. And I’d be perfectly happy if that place was TU/e!’

Personal growth round the clock

Getting started as a PhD

One of the features of the TU/e education scheme is the Personal development through the PROOF course (PROviding Opportunities For PhD students; see www.tue.nl/proof). The education program at a technology university is considerably different to that of universities in most other countries.

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We are pleased to present Marcelo de Andrade Oliveira, PhD-candidate (Mechanical Engineering)

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