DELFT UNIVERSITY OF TECHNOLOGY

APPLICATION AND ADMISSION

Admission requirements:

- A Bachelor's degree, corresponding to 180 ECTS
- Proof of English language proficiency
- Specific admission requirements as specified on the website

Application deadline: November 25th.
Please refer to the programme website for details on the admission requirements and application procedure.

More info:
www.kth.se/cosse

TECHNICAL UNIVERSITY OF BERLIN

PARTNER UNIVERSITIES

COSSE is offered by four of Europe´s leading technical universities. In addition to receiving an excellent education with a spearheaded competence profile, participating in this programme provides the student with a culturally diverse social experience and familiarity with at least two European countries.

www.tu-berlin.de

www.tudelft.nl

ROYAL INSTITUTE OF TECHNOLOGY
www.kth.se/int

www.uni-erlangen.org

ERASMUS MUNDUS MASTER'S PROGRAMME IN COMPUTER SIMULATIONS FOR SCIENCE AND ENGINEERING – COSSE

Academic excellence
Guaranteed mobility
Outstanding scholarship opportunities

A joint initiative by:
KTH Royal Institute of Technology, Sweden
Technical University of Berlin, Germany
Delft University of Technology, the Netherlands
Friedrich-Alexander University of Erlangen-Nürnberg, Germany

Education and Culture DG

ERASMUS MUNDUS

STUDENTS IN DELFT

KTH ROYAL INSTITUTE OF TECHNOLOGY

FRIEDRICH-ALEXANDER UNIVERSITY OF ERLANGEN-NÜRNBERG

ERASMUS MUNDUS

Erasmus Mundus is an EU programme supporting university cooperation at the master's and doctoral levels. It aims to provide top-quality European education to attract the best students from all over the world. The programmes are offered by a group of partner universities and include studies in at least two European countries.

SCHOLARSHIP OPPORTUNITIES

- Non-EU/EEA/EU-applicant country citizens may receive up to € 48 000 over two years
- EU/EEA/EU-applicant country citizens may receive up to € 23 000 over two years

The exact level varies according to specific costs borne by the holder of the grant.

> Erasmus Mundus aims to provide top-quality European education to attract the best students from all over the world

TUITION FEES

Annual, mandatory tuition fees are € 8000 for non-EU/EEA/EU-applicant country citizens and € 4000 for EU/EEA/EU-applicant country citizens.

For up-to-date and more detailed information, please refer to: *www.kth.se/cosse*

PROGRAMME DESCRIPTION

PROGRAMME DESCRIPTION

COSSE is a two-year master's programme within the multidisciplinary field of Computational Science and Engineering (CSE). CSE is an enabling technology for scientific discovery and engineering design that involves mathematical modeling, numerical analysis, computer science, high-performance computing and visualization. The remarkable development of large-scale computing in recent decades has turned CSE into the third paradigm of science, complementing theory and experiment.

> Graduates are awarded a double degree from two universities

OUTLINE AND MOBILITY

The programme is offered by:

- KTH Royal Institute of Technology, Sweden
- Technical University of Berlin, Germany
- Delft University of Technology, the Netherlands
- Friedrich-Alexander University of Erlangen-Nürnberg, Germany

Students enter at one of the universities for their first year of studies, and continue to one of the other institutions in another country for the second year, which concludes with a jointly supervised master's thesis. Graduates are awarded a double degree from two universities.

CAREER PROSPECTS

During the studies, students will become familiar with the tools of Computational Science and Engineering, such as mathematical modeling, simulation methods and data analysis techniques, and have expert knowledge within their chosen specialization. Graduates will therefore be highly competent within this field.
The programme prepares its students for employment within

> The programme prepares its' students for employment within the high-tech industry, starting their own innovative businesses or continued studies towards a PhD

the high-tech industry, starting their own innovative businesses or continued studies towards a PhD. In addition, the compulsory mobility of the programme enhances the cultural awareness and adaptability of all its participants. These are highly sought-after attributes in the global job market of today.

More info:
www.kth.se/cosse