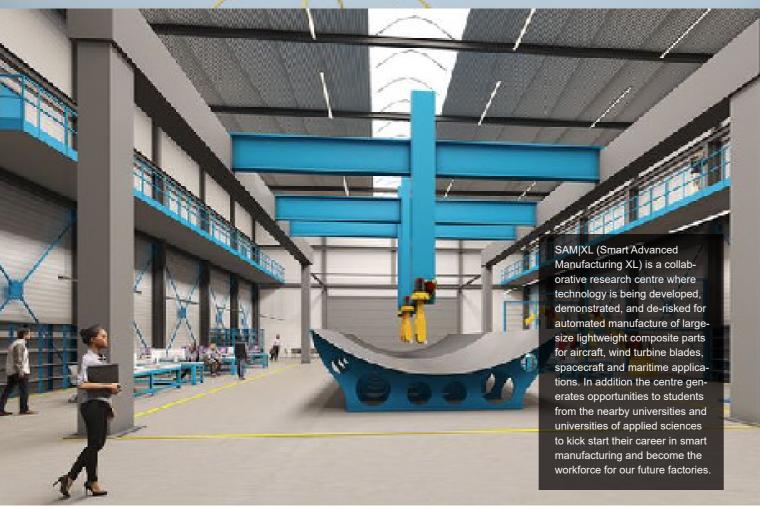
Space is no longer only accessible to governments. Nevertheless, developers of small satellites, such as universities and businesses, depend on the unused space in large rockets to launch them. This means that they have no control over the timing of the launch and that their choice is limited when it comes to the satellite's orbit. The commercial development of rockets, specifically designed for smaller amounts of cargo, offers a solution. For his graduation project, Nigel Drenthe improved and validated a cost estimation model for this that won the first Heinz Stoewer Space Award.

Snapshot Faculty of Aerospace Engineering

Connecting people is the essence of Aerospace Engineering - whether it's connecting people through flight or through communications facilitated by satellites in space. However, the world's growing need for connectivity is under pressure from increasingly high demands with regard to sustainability, safety and cost efficiency. AE takes on this seemingly contradictory challenge by educating top-class engineers (on-campus and online) and PhDs, and by means of scientific research and the development of pioneering innovations. AE is one of the largest, most multifaceted scientific communities in the world focusing on aerospace and related areas, such as wind energy.



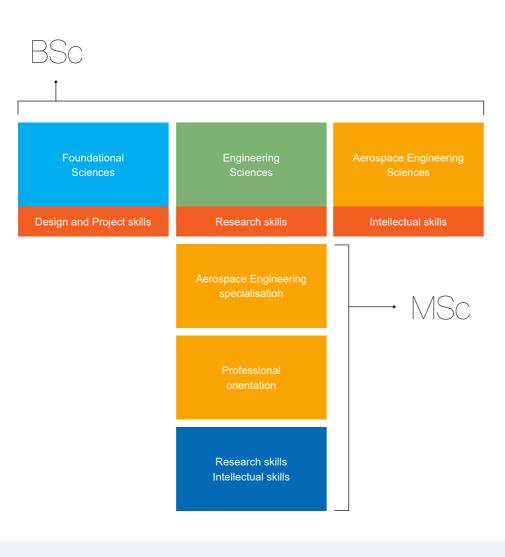


T: +31 (0)15 27 89804 • E: News-AE@tudelft.nl • www.tudelft.nl/ae • Kluyverweg 1 • 2629 HS Delft • The Netherlands Long-term vision of the faculty: http://lr.tudelft.nl/longtermvision

Education

The T-shaped Engineer

The BSc covers a broad base of aerospace engineering disciplines, foundational sciences and professional skills. In the MSc students acquire in-depth knowledge in a chosen field and expand professional and research skills.

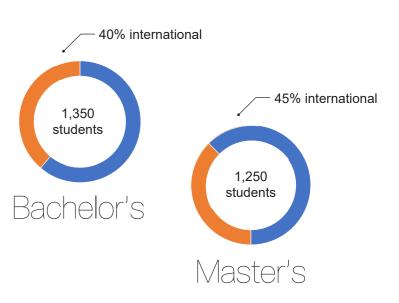


A broad Bachelor programme fully taught in English with a wide coverage of engineering disciplines. In the research-based Master programme the students specialise in a profile. The faculty population is highly international.

A good balance between theory and practice, project work and hands-on experience

Design and Project Skills

Design, project and collaboration skills are an integral part of the BSc. In the Design Synthesis Exercise, students collaborate to apply everything they learned in one complete design.



Strong in online education

- Member of the EdX platform
- Massive Open Online Courses: 100.000+ participants in multiple different courses
- Online master's courses
- Blended courses
- Professional education

More info: www.online-learning.tudelft.nl

Innovation



Sustainable Aviation



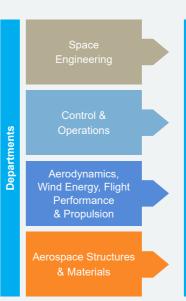


Earth Observation

Research

The largest research powerhouse in Europe with a broad set of in-depth disciplines dedicated to aerospace engineering

- Science
- Engineering Design











Approx. 30 PhD defenses per year



Approx. 8 patents per year



160 Staff



1 Graduate School with approx. 290 candidates

