



MECHANICAL DESIGN

THE INTERNATIONAL SEMESTER

The International Semester in Mechanical Design is a 5-month programme comprising course. All curriculum activities are conducted in English and are dealt with in an international perspective. The latest know-how and state-of-the-art computer models are applied in an always practical approach to the complex mechanical problems.

During the International Semester, the application of design methods is in focus and projects are integrated parts of the education. After the course, the candidates will be able to design structures according to modern methods and for complex problems; they will be able to choose relevant finite element models for the design.

ADMISSION REQUIREMENTS

The semester is intended for international and Danish students in the final year of their bachelor engineering studies or at a similar educational level of a Mechanical Engineering programme. You must have passed basic courses in Thermodynamics and Mechanics of Materials

Proficiency in English is required (TOEFL IBT 83, IELTS 6.5, Cambridge).

SEMESTER PROGRAMME OFFERED

(SPRING SEMESTER ONLY):

- Plastics Technology (5 ECTS)
- Build a Device (10 ECTS)
- Differential Geometry and Partial Differential Equations (5 ECTS)
- Introduction to Fluidmechanics (5 ECTS)
- Composite Materials (5 ECTS)

*Changes in the study programme may occur from each semester

STUDY PERIOD AND APPLICATION DEADLINE

Study period runs from end January to end June.

The application period is 1 September to 1 October.

A maximum of 20 international students is accommodated.

FIND OUT MORE

Visit our website at ingenioer.au.dk/en/education/international-programme/ or contact the International Coordinator Fie Bøje Misholt. E-mail: fbm@au.dk