



Edinburgh Napier University

Mechanical Engineering

Study details

Course type: Bachelor's degree

Degree: BEng (Hons) Mechanical Engineering

Study mode: Full time

Duration: 36 Month

Cost of study

Cost : 19 340 GBP

Reg. fee : 210 GBP

Scholarship :

Insurance : N/A GBP

Intake/s

Apr/Jan/Sep

Requirements

English language requirements

IELTS Academic

- Overall 6.0
- Writing 6.0
- Listening 5.5
- Reading 5.5
- Speaking 5.5

We also accept other English language qualifications. (TOEFEL iBT, Trinity ISE, LANGUAGECERT Academic..)

Don't meet the English language requirements?

Pre-sessional English for international students. If you hold a conditional offer and have not yet met the English entry requirements for a degree course at the University, we can help you with our pre-sessional English courses.

Study for 4 years (start at Level 1)

The essential subjects are Mathematics + another science (Information Technology, Chemistry, Biology, Human Biology, Physics, or Computing Science) - A-level, GCE CCC

Study for 3 years (start at Level 2)

The essential subjects are Mathematics + another Science (Information Technology, Chemistry, Biology, Human Biology, Physics, Psychology or Computing Science) - A-level, GCE ABB

IB (International Baccalaureate) diploma

Study for 4 years (start at Level 1) - 28 points, including 5, 5, 4 at higher level

Essential subject: Mathematics at Higher Level

Study for 3 years (start at Level 2) - 32 points, including 6, 5, 5 at higher level

Essential subject: Mathematics at Higher Level

Accommodation

Key Features & Amenities

- Fully-furnished bedrooms
- Laundry facility with washers and dryers available
- Super-fast internet and wifi throughout
- Large social space, games area and study spaces
- Communal kitchen space for students
- 24/7 security

Two main accommodation locations for International Students:

Gorgie: 543 Gorgie Road Edinburgh EH11 3AR

Westfield: 24 Westfield Road Edinburgh EH11 2QB

Speciality

Pathways Available: International Stage One

Additional information

Degree Overview

We will provide you with an introduction to engineering principles, ensuring you grasp the basic skills involved before progressing into more specialised areas such as thermodynamic systems and mechanics of materials. As you advance through this course you'll learn to apply and develop your

skills to become proficient in the analysis and design of a range of engineering systems and applications, to prepare you for a professional role in the industry. You will also get the opportunity to undertake work placements that will give you essential industry experience and valuable contacts, helping to lead to future employment.

You'll also learn about Computer Aided Engineering (CAE), which includes robotics and control, computer aided design software (CAD), computational analysis of fluid flow and heat transfer (CFD), structural analysis (FEA) and environmental impact assessments (LCA). Through this, you will graduate with a versatile degree that will allow you to embark on a career in many different industries. As a graduate mechanical engineer, you could develop exciting new technologies that are essential for modern living, alter the way we use energy for the better, and have a profound effect on how we travel. In fact, you could have a hand in almost every aspect of people's lives. Today, mechanical engineers play a key role in producing the most innovative of technologies, such as the electric car, 3D printing, nanotechnology and renewable energy.