



UNIVERSITY OF
BIRMINGHAM
DUBAI

BEng MECHANICAL ENGINEERING

The University of Birmingham is a global Top 100 university (QS World Rankings) and the first of the UK's prestigious Russell Group universities to open a campus in Dubai. Studying with Birmingham Dubai, you will graduate with the same University of Birmingham degree as in the UK, which is recognised all around the world.

The Mechanical Engineering course is designed to suit the needs of a high-quality student intake and to produce graduates with the requisite skills and knowledge to create products that can compete successfully in global markets. You will experience a range of teaching and learning styles during your course that reflect the diversity of the subject and the practicality of the workplace.

The majority of our lecture courses are linked with design projects or laboratory experience, giving you the experience of applying theory to real-world situations.

As well as extending your technical knowledge, our course aims to build your confidence and skills in communication and industrial management.

Join one of our programmes:

- Mechanical Engineering BEng (Hons)
- Mechanical Engineering BEng (Hons) with Integrated Foundation Year



SCHOLARSHIPS
AVAILABLE

BEng MECHANICAL ENGINEERING

Year 0 (the Integrated Foundation Year)

The four-year programme is designed specifically for international students who require a preparatory year prior to undergraduate study. The foundation programme is equivalent in learning to Year 13 of the UK education system.

Successful completion of the Foundation Year will also guarantee you progression onto the Mechanical Engineering (Hons) programme.*

At the end of the year you will be fully prepared for your undergraduate programme.

***You will need at least 100 credits, at least 55% in Academic English and Study Skills and at least 60% in Introductory Mathematics and in Further Mathematics.**

Year 1

From your first year of the undergraduate programme, you will begin building your team working and professional skills alongside your technical knowledge. You will study a number of core engineering topics, as well as undertaking the Integrated Design Project, where you will be encouraged to work collaboratively and innovatively.

Year 2

In Year 2 you will build on the knowledge gained in Year 1 and begin to specialise your study. You will work on improving your mathematical, statistical and computing techniques; study heat, power and fluid flows, learn about mechanisms and control, study manufacturing technology and how production is managed, and take on a group project with other students.

Year 3

In the final year these fundamentals of engineering are used to explore advanced engineering topic areas, with a more problem-solving-based focus, within the context of a broadly based programme of study. In your final year, you undertake a major individual project linked to your chosen field of specialisation.

You will also undertake a group design study project exploring the associated commercial, legal and safety aspects of developing a new product.

Why study with us

- The Department of Mechanical Engineering has excellent links with industry, and recent graduates are working for top global employers including Rolls-Royce, Jaguar Land Rover, Yamazaki Mazak and Dyson.
- Both programmes offer research-led Russell Group teaching delivered by academic staff from the University of Birmingham. Academics with extensive UK/European research and teaching expertise, including a senior lecturer, will be based in Dubai. Our aim is to produce engineering graduates in Dubai of the same high calibre to those graduating from our UK campus.
- Exchange programmes are planned that – subject to academic attainment – will give our Dubai students the opportunity to spend time studying at the University's picturesque campus in Edgbaston, Birmingham.
- The University of Birmingham is a global Top 100 university and the first of the UK's prestigious Russell Group universities to open a campus in Dubai.
- The University of Birmingham Dubai's programmes have been approved by KHDA to full UAE standards.

For details on entry requirements, fees and how to apply, please visit our webpages: www.birmingham.ac.uk/dubai-study

Permitted by the Knowledge and Human Development Authority. The academic qualifications granted by this institution and certified by KHDA shall be recognised in the Emirate of Dubai by all public and private entities for all purposes.