

Biomedical Engineering

University of Dundee

Venues

City Campus

Content

Develop your skills, knowledge, and understanding of biomedical engineering and living systems. You will also apply engineering principles and design methods to create new techniques and instruments in medicine and surgery.

Along with studying the principles and technologies of biomedical engineering, you will look at the role of entrepreneurship, business development, and intellectual property exploitation in the biomedical industry.

Under the guidance of our academic staff, you will undertake a research project that will focus on an area of your own particular interest, helping you to develop your presentation, critical thinking, and problem solving skills. Recent projects examples have looked at syringe filling systems for new born injections, and microwave cancer thermal ablation in minimally invasive surgery.

The taught modules in this course expose students to the leading edge of modern medical and surgical technologies. The course also provides concepts and understanding of the role of entrepreneurship, business development and intellectual property exploitation in the biomedical industry, with case examples.

Start Date

September, January

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

12 months

Department

Science and Engineering

Entry Requirements

The normal entry requirement is a four-year Bachelor's degree or equivalent qualification in a discipline that provides a suitable basis for the course, such as biomedical, electrical, electronic or mechanical engineering, physics or mathematics.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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