



OLLSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY

Coláiste na hEolaíochta
& na hInnealtóireachta
College of Science
& Engineering



ME Biomedical Engineering

University
ofGalway.ie

ME Biomedical Engineering

Why choose this course?

The ME programme is available to graduates with an honours degree in a related Engineering discipline who wish to study more advanced topics in Biomedical Engineering and obtain an internationally recognised degree. If you are passionate about making a difference in the world and want to work in a field that has a direct impact on people's health, then this course may be the perfect fit for you.

The ME (Master of Engineering) programme in Biomedical Engineering is designed to give advanced technical, analytical, and transferrable knowledge and skills in biomedical engineering. Our multidisciplinary approach allows students to gain a deeper understanding of how engineering can be applied to solve complex medical problems.

Course Overview

The programme is delivered over one academic year and consists of 40 ECTS (approx. 8 modules) of taught modules, involving the ongoing and world-class biomedical research at University of Galway, and a 20 ECTS thesis project. This medical device based project is conducted in partnership with the highly successful BioInnovate programme and focuses on developing advanced technical knowledge and skills and real-world implementation of these in terms of innovation, commercialization and business development.

Our advanced modules are delivered by research-active staff who are passionate about what they teach. Our program offers a wide range of elective courses, allowing students to tailor their education to their specific interests and career goals. Whether you are interested in biomaterials, biomechanics, bioelectronics, or

innovative device design, our program has the courses you need to succeed.

Career Opportunities

Our graduates are highly sought after by employers in the biomedical engineering field, and have gone on to successful careers in a variety of settings, including international medical device companies, innovative start-up companies, and research institutions.

Our campus is situated in Galway city; the centre of the biomedical industry in Ireland. The medical technology sector in Ireland is recognised as one of five global emerging hubs. Eight of the world's top ten med-tech companies are based here, and devices designed and made in Galway are saving lives all over the world.

Graduates will also be ideally qualified to undertake PhD-level research, leading to employment in the academic and industrial research sectors.

Duration

1 year, full-time

Average Intake

20

The Masters in Biomedical Engineering at the University of Galway had all the ingredients to boost my career. The MSc in Biomedical Engineering has helped me to build that confidence and skill set which is an absolute necessity for the medical device industry

Dharmesh Barot
Student



Find out more

The College of Science
and Engineering



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