

Biomedical Science

Edinburgh Napier University

Venues

Sighthill Campus

Content

This course provides detailed knowledge of key concepts in immunology, toxicology, pharmacology and disease biology and how these disciplines are applied in biomedical science.

You'll gain critical understanding of specialist research areas and unique insights into the challenges currently facing biomedical science. You'll also acquire an in-depth appreciation of research and development practices in the healthcare industries through guest lectures and site visits to specialised laboratories. These experiences will allow you to explore and critique issues of relevance to professional working practice, enhancing your skills in evidence based decision making.

There is an emphasis on developing your practical laboratory skills with various opportunities for hands-on experience in a range of current techniques and practices. In your final trimester you'll undertake an independent project within a vibrant biomedical research team, allowing you to apply and further develop your technical, research and professional skills. There may be the opportunity to conduct your research project externally in a relevant organisation or industry.

Modules include:

Advanced Immunology; Biology of Disease and Therapeutics; Drug Design and Chemotherapy; Molecular Pathogenesis of Microbial Infection; Molecular Pharmacology and Toxicology; Research Project; Research Skills.

Start Date

September, January

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

1 year (September) 18 months (January)

Department

Biosciences

Entry Requirements

A 2:2 Honours degree or above in biology, biomedical science, molecular biology, immunology, genetics, virology or pharmacy.

SCQF Level

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Website

www.napier.ac.uk