

# BIOMEDICAL SCIENCE AND APPLIED BIOMEDICAL SCIENCE BSC (HONS)

Choosing to work in the context of medicine, the Biomedical Scientist carries out a range of laboratory tests to assist in the diagnosis and treatment of disease. Without their work behind the scenes, many hospital departments such as operating theatres and accident and emergency, could not function.

As a Biomedical Scientist your role will be varied and may include testing for emergency blood transfusions and blood grouping, as well as performing tests on samples from patients who may have overdosed, or be suspected of having suffered a heart attack. You will investigate a number of medical conditions such as cancer and diabetes and may identify viruses and diseases, and monitor the effects of medication and other treatments.

The role requires accuracy, attention-to-detail and efficient use of a range of sophisticated laboratory equipment. You will gain valuable knowledge, skills, and experience which you can use in any career path you choose, both in and out of science. These attributes are valued by employers and will look great on your CV.

We offer two BSc (Hons) routes in Biomedical Science; Biomedical Science and Applied Biomedical Science. Enrolling initially onto the Biomedical Science course, the year 1 foundation year is designed to allow you to establish a framework of basic knowledge and technical skills in biomedical science along with an understanding of the professional requirements required of Biomedical Scientists who work in the healthcare science sector.

From your experiences in this year you will be invited to undergo selection for entry to the BSc (Hons) Applied Biomedical Science course, which offers hospital laboratory placement opportunities in years 2 and 3.

## WHAT YOU WILL STUDY

### Year 1

- Biology for Life Sciences • Applied Microbiology
- Chemistry for Life Sciences • Practical and Analytical Skills for Life Sciences • Biomolecular Science
- Biomedical Science: Professional Practice 1

UPON COMPLETION OF THE COMMON FIRST YEAR, STUDENTS HAVE THE OPPORTUNITY TO CHOOSE TO SPECIALISE IN ONE OF THE FOLLOWING COURSES:

### BIOMEDICAL SCIENCE BSC (HONS)

Designed for those who wish to study a broader range of subjects and those who want to follow career paths in the NHS. You can use this as a stepping stone for graduate entry to Medicine, Dental and MSc courses.

The course will equip you with the relevant skills needed to work within the pharmaceutical and healthcare industries including technical and marketing departments, forensic science laboratories, teaching and clinical research.

Accredited by:



### APPLIED BIOMEDICAL SCIENCE BSC (HONS)

Graduates qualify for registration with Health and Care Professions Council (HCPC) as Biomedical Scientists and can pursue career paths in the NHS.

The majority of our graduates secure employment within the NHS Laboratory Service. The course will also equip you with skills needed to work within the pharmaceutical and healthcare industries.

Accredited by:



Approved by:

**hcpc** health & care professions council

Find out from two students what it's like to study Biomedical Science at RGU