



UNIVERSITY OF MALTA
New Bachelor of Science (Honours) in Medical Biochemistry

The Faculty of Medicine and Surgery and the Faculty of Science will be offering a new Bachelor of Science (Honours) in Medical Biochemistry. This programme is offered in English, on a Full-Time basis (over 3 years: 6 semesters) and consists of 180 ECTS credits.

The course in Medical Biochemistry deals with the study of human biology at the molecular level, where biology meets chemistry. Medical Biochemistry is the interface between cellular and molecular biology, medicine and chemistry and gives an understanding of how the human body functions, the molecular changes that result in disease and how this knowledge may be applied to the development of therapeutic agents and diagnostic technologies.

The student will appreciate the chemical basis of life, the molecular basis of disease and the transition from research to product development. This course has been designed to offer the students an opportunity to learn and discuss, including through practical sessions, current topics in the areas of DNA technology, molecular genetics, protein chemistry, cell-signalling, cancer biology, haematology, immunology, gene therapy, neuroscience, bioinformatics, molecular modelling, drug design, molecular pharmacology, cellular differentiation and embryology, statistical analysis, scientific writing and presentation skills. The student is also provided with the basic skills to set up and market a business venture in the field of bioscience and biotechnology.

Students who obtain this degree with a classification of Second Class Honours or better may apply for entry to the M.D. Degree Course.

Prospective students can access more information about the course on:

<http://www.um.edu.mt/ms/overview/UBSCHMDBFT-2017-8-O>

Applications are now open and the first deadline is **20th July 2017**.

To apply visit: www.um.edu.mt/apply

For further details please contact the Course Co-ordinator, Dr Therese Hunter by email on therese.hunter@um.edu.mt