

Bute Medical School

Important Degree Information:

B.Sc. Honours in Medical Science

The general requirements are 480 credits over a period of no more than 4 years from the date of first matriculation; the final two years being an approved Honours programme of 240 credits, of which 120 credits are at 3000 level and 120 credits at 4000 level. Direct entry into level 2000 is the normal route of entry in which case 120 credits of advanced standing will be given by the Faculty Business Committee to approved candidates. All those who graduate B. Sc. (Honours) in Medical Science from St Andrews have the **guarantee of a clinical place in the University of Manchester** where they can graduate with a MB ChB after three years of clinical studies.

Degree Programmes	Programme Requirements at:
(B.Sc. Honours): Medical Science	<p>Single Honours Medical Science Degree:</p> <p>Direct entry to second year with 120 credits of advanced standing awarded by the Faculty Business Committee to approved candidates.</p> <p>Level 2: 120 credits comprising MD2001 & MD2002</p> <p>Level 3: 120 credits comprising MD3001 & MD3002</p> <p>Level 4: 120 credits comprising MD4001, MD4002 & MD4003</p>

Modules

MD2001 Foundations of Medicine 1

Credits: 60.0 Semester: 1

Availability: 2004-05

Prerequisites: There will be direct entry into course for students approved by the Faculty of Medicine Business Committee

Description: The medical course will take the form of an integrated spiral curriculum. Foundations of Medicine 1 and 2 form the initial turn of the spiral in which fundamentally important knowledge is reviewed. During subsequent turns of the spiral, topics will be revisited at a more advanced level and with increasing clinical application. Throughout the curriculum a series of core clinical cases will illustrate the clinical context.

Foundations of Medicine 1 will:

- ◆ review molecular and cellular medicine including genetics
- ◆ give a general overview of the structure and functions of the body systems from the microscopic to the macroscopic level
- ◆ introduce the history and philosophy of medicine
- ◆ give a preliminary introduction to medical ethics and communication skills relevant to medicine
- ◆ use clinical problems to develop an understanding of the levels of consciousness and the assessment of health status.

Class Hour: To be arranged.

Teaching: 8 Lectures and 6 hours of Seminars/tutorials/practicals each week. Clinical case studies and clinical skills on a 2 week cycle. Up to 6 hours per week of directed self-learning

Assessment: Continuous Assessment =25%, 3 Examinations of up to 2 hours' duration each = 75%

Re-Assessment: 3 Examinations of up to 2 hours' duration each = 100%

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MD2002 Foundations of Medicine 2

Credits: 60.0 Semester: 2

Availability: 2004-05

Prerequisites: There will be direct entry into course for students approved by the Faculty of Medicine Business Committee

Description: Foundations of Medicine 2 will continue the introduction of fundamental topics into the curriculum including the principles of disease mechanisms and therapy and the development of communication skills.

Foundations of Medicine 2 will:

- ◆ provide an in-depth study of the musculo-skeletal system including nerve and muscle physiology. The anatomy of the upper and lower limbs and back will be studied by dissection.
- ◆ develop an understanding of principles of disease mechanisms and therapy
- ◆ introduce particular topics in behavioural science e.g. stress, coping and pain
- ◆ clinical problems will focus on DVT, trauma, bronchial carcinoma and stroke

Class Hour: To be arranged.

Teaching: 8 Lectures and 6 hours of Seminars/tutorials/practicals each week. Clinical case studies and clinical skills on a 2 week cycle. Up to 6 hours per week of directed self-learning

Assessment: Continuous Assessment =25%, 3 Examinations of up to 2 hours' duration each = 75%

Re-Assessment: 3 Examinations of up to 2 hours' duration each = 100%

The details of the Honours modules – that is 3000 and 4000(H) level modules – which relate to the programmes listed in this section, are available in the Honours Course Catalogue.