

## School of Medicine

**Head of School** Professor H MacDougall

### Taught Programmes

M.Sc.: Health Psychology

### Research Programmes

M.Res.: Medicine

## Programme Requirements

### Health Psychology

M.Sc.: 60 credits from MD5001 - MD5020, 60 credits from MD5090 plus 60 credits from PS5003, PS5005

### Medicine

M.Res.: 60 credits from MD5101 - MD5120, 120 credits from MD5190

*For all Masters degrees there are exit awards available that allow suitably-qualified candidates to receive a Postgraduate Certificate or Postgraduate Diploma.*

## Modules

| MD5001 Theories of Health Psychology and Behaviour Change   |  |               |                  |   |
|---|--|---------------|------------------|---|
| <b>SCOTCAT Credits:</b>   | 15   | SCQF Level 11 | <b>Semester:</b> | 1 |
| <b>Planned timetable:</b>   | To be arranged.                            |               |                  |   |
| This module will consist of the knowledge base that covers the context and perspectives of health psychology including an historical overview and current theories and approaches in health psychology. It will include an awareness of other related disciplines, and acknowledgement of social and cultural factors. Theoretical models of health behaviour and behaviour change will be introduced including associated health-related beliefs and cognitions. |  |               |                  |   |
| <b>Programme module type:</b>   | Compulsory for M.Sc. in Health Psychology  |               |                  |   |
| <b>Co-requisite(s):</b>   | MD5002                                     |               |                  |   |
| <b>Learning and teaching methods and delivery:</b>  | 3 lectures and a 2-hour tutorial.          |               |                  |   |
| <b>Assessment pattern:</b>  | Coursework = 40%, 2-hour Examination = 60% |               |                  |   |
| <b>Module Co-ordinator:</b>   | Prof G Humphris                            |               |                  |   |

## Medicine - Postgraduate 2012/13 - August 2012

| MD5002 Quality of Life, Communication and Chronic Illness   |  |               |                  |   |
|---|--|---------------|------------------|---|
| <b>SCOTCAT Credits:</b>   | 15   | SCQF Level 11 | <b>Semester:</b> | 1 |
| <b>Planned timetable:</b>   | To be arranged.                                |               |                  |   |
| This core module will contain the knowledge base for understanding the conceptual underpinnings of the quality of life field and its importance in generating a debate about the success of health care interventions, assessment of care and definitions of health and illness. The relevance of psychological issues to the person suffering acute and chronic illness will be covered and the important role of communication processes in the interface between patient, clinical staff and care-givers will be included as a key theme. Some practical observation of clinical-related communication processes will be an additional feature of this module. |  |               |                  |   |
| <b>Programme module type:</b>   | Compulsory for M.Sc. in Health Psychology      |               |                  |   |
| <b>Co-requisite(s):</b>   | MD5001   |               |                  |   |
| <b>Learning and teaching methods and delivery:</b>  | 3 lectures, a 2-hour tutorial and a practical. |               |                  |   |
| <b>Assessment pattern:</b>  | Coursework = 40%, 2-hour Examination = 60%     |               |                  |   |
| <b>Module Co-ordinator:</b>   | Prof G Humphris                                |               |                  |   |

| MD5003 Biological Systems and Development  |  |               |                  |   |
|--|--|---------------|------------------|---|
| <b>SCOTCAT Credits:</b>  | 15   | SCQF Level 11 | <b>Semester:</b> | 2 |
| <b>Planned timetable:</b>  | To be arranged.                                |               |                  |   |
| This core module will introduce the importance of biological and developmental systems to the understanding of people's perceived and actual health status including methods of assessing health behaviour and intervening to change health behaviour. This module will consist of learning a generalisable tool to analyse and pool the effects of interventions, namely meta-analysis. |  |               |                  |   |
| <b>Programme module type:</b>  | Compulsory for M.Sc. in Health Psychology      |               |                  |   |
| <b>Pre-requisite(s):</b>   | MD5001, MD5002                                 |               |                  |   |
| <b>Learning and teaching methods and delivery:</b>   | 3 lectures, a 2-hour tutorial and a practical. |               |                  |   |
| <b>Assessment pattern:</b>   | Coursework = 40%, 2-hour Examination = 60%     |               |                  |   |
| <b>Module Co-ordinator:</b>  | Prof G Humphris                                |               |                  |   |

| MD5004 Health Information and Decision Making  |  |                         |                  |   |
|--|--|-------------------------|------------------|---|
| <b>SCOTCAT Credits:</b>  | 15   | SCQF Level 11           | <b>Semester:</b> | 2 |
| <b>Planned timetable:</b>  | To be arranged.                                |                         |                  |   |
| This core module introduces the student to the expanding field of health information and decision making. Members of the public, whether they are patients or not are bombarded with health information and mis-information, via various media, from which they may process and make decisions about entering or remaining in the health care system, or embarking on new health or self care interventions designed to improve outcome. Students will acquire understanding on how to assess the influence of these interventions through detailed examination of a mixture of theoretical and practical steps. |  |                         |                  |   |
| <b>Programme module type:</b>  | Compulsory for M.Sc. in Health Psychology      |                         |                  |   |
| <b>Pre-requisite(s):</b>   | MD5001, MD5002, PS5003                         | <b>Co-requisite(s):</b> | PS5005           |   |
| <b>Learning and teaching methods and delivery:</b>   | 3 lectures, a 2-hour tutorial and a practical. |                         |                  |   |
| <b>Assessment pattern:</b>   | Coursework = 40%, 2-hour Examination = 60%     |                         |                  |   |
| <b>Module Co-ordinator:</b>  | Prof G Humphris                                |                         |                  |   |

| MD5090 Research Project in Health Psychology   |   |               |                  |            |
|--|---|---------------|------------------|------------|
| <b>SCOTCAT Credits:</b>  | 60  | SCQF Level 11 | <b>Semester:</b> | Whole Year |
| <b>Planned timetable:</b>  | To be arranged.                           |               |                  |            |
| The dissertation will consist of a written report of original, empirical health psychology research, up to 15,000 words in length. It will consist of an appropriate literature review, statement of aims, methods, results, discussion and conclusion sections with supporting bibliography. The project will be supervised and receive ethical approval. |   |               |                  |            |
| <b>Programme module type:</b>  | Compulsory for M.Sc. in Health Psychology |               |                  |            |
| <b>Learning and teaching methods and delivery:</b>   | Individual supervision.                   |               |                  |            |
| <b>Assessment pattern:</b>   | Project report (Dissertation) = 100%      |               |                  |            |
| <b>Module Co-ordinator:</b>  | Prof G Humphris                           |               |                  |            |

| MD5101 Training in Research Skills  |  |               |                  |   |
|---|--|---------------|------------------|---|
| <b>SCOTCAT Credits:</b>   | 30   | SCQF Level 11 | <b>Semester:</b> | 1 |
| <b>Planned timetable:</b>   | To be arranged.  |               |                  |   |
| This module introduces students to the core skills which underpin medical research. The emphasis will be on how to do research in a health service setting. |  |               |                  |   |
| <b>Programme module type:</b>   | Compulsory for M.Res. in Medicine  |               |                  |   |
| <b>Co-requisite(s):</b>   | MD5102   |               |                  |   |
| <b>Assessment pattern:</b>  | Coursework = 100% (Oral Presentation = 25%, Poster Presentation = 25%, Grant Proposal = 50%) |               |                  |   |
| <b>Module Co-ordinator:</b>   | Dr R Davies  |               |                  |   |

| MD5102 Recent Advances in Medical Research   |                                   |               |                  |   |
|--|-----------------------------------|---------------|------------------|---|
| <b>SCOTCAT Credits:</b>  | 30                                | SCQF Level 11 | <b>Semester:</b> | 2 |
| <b>Planned timetable:</b>  | To be arranged.                   |               |                  |   |
| This module will take the form of a series of 'masterclasses'. Research active investigators within the Medical School will give presentations on their specialist topics. This will be complemented by a series of journal clubs. |                                   |               |                  |   |
| <b>Programme module type:</b>  | Compulsory for M.Res. in Medicine |               |                  |   |
| <b>Co-requisite(s):</b>  | MD5101                            |               |                  |   |
| <b>Learning and teaching methods and delivery:</b>   | 1 x 3-hour seminar.               |               |                  |   |
| <b>Assessment pattern:</b>   | Coursework (e-portfolio) = 100%   |               |                  |   |
| <b>Module Co-ordinator:</b>  | Dr R Davies                       |               |                  |   |

## Medicine - Postgraduate 2012/13 - August 2012

| MD5190 Research Project in Medicine  |  |                           |                  |            |
|--|--|---------------------------|------------------|------------|
| <b>SCOTCAT Credits:</b>  | 120  | SCQF Level 11             | <b>Semester:</b> | Whole Year |
| <b>Planned timetable:</b>  | To be arranged.  |                           |                  |            |
| In this module a research project will be undertaken on a single topic relevant to medical research. This will be supervised by a member of academic staff. There will be a formative meeting after three months with a research panel to discuss the aims and objectives of the work. |  |                           |                  |            |
| <b>Programme module type:</b>  | Compulsory for M.Res. in Medicine                          |                           |                  |            |
| <b>Co-requisite(s):</b>  | MD5101 and MD5102  | <b>Anti-requisite(s):</b> | MD5191           |            |
| <b>Learning and teaching methods and delivery:</b>   | Tutorials.   |                           |                  |            |
| <b>Assessment pattern:</b>   | Coursework, including 12 - 15,000-word dissertation = 100% |                           |                  |            |
| <b>Module Co-ordinator:</b>  | Dr R Davies  |                           |                  |            |

| MD5191 Short Research Project in Medicine  |   |                           |                  |            |
|--|---|---------------------------|------------------|------------|
| <b>SCOTCAT Credits:</b>  | 60  | SCQF Level 11             | <b>Semester:</b> | Whole Year |
| <b>Planned timetable:</b>  | To be arranged.   |                           |                  |            |
| In this module a research project will be undertaken on a single topic relevant to medical research. This will be supervised by a member of academic staff. There will be a formative meeting after three months with a research panel to discuss the aims and objectives of the work. |   |                           |                  |            |
| <b>Programme module type:</b>  | Compulsory for Postgraduate Diploma in Medicine           |                           |                  |            |
| <b>Co-requisite(s):</b>  | MD5101 and MD5102   | <b>Anti-requisite(s):</b> | MD5190           |            |
| <b>Learning and teaching methods and delivery:</b>   | Tutorials.  |                           |                  |            |
| <b>Assessment pattern:</b>   | Coursework, including 8 - 12,000-word dissertation = 100% |                           |                  |            |
| <b>Module Co-ordinator:</b>  | Prof P Donnelly   |                           |                  |            |

| PS5003 Generic Research and Professional Skills in Psychology  |  |               |                  |            |
|--|--|---------------|------------------|------------|
| <b>SCOTCAT Credits:</b>  | 30   | SCQF Level 11 | <b>Semester:</b> | Whole Year |
| <b>Planned timetable:</b>  | To be arranged.  |               |                  |            |
| This module introduces students to the various skills and issues that are of importance to academic psychologists irrespective of their particular area of research. Weekly seminars will cover the various topics, such as academic presentations (published writing, talks, posters), the use of technology in order to enhance communication, how to read research reports, how to gain ethical approval for research, and how to build an academic career. |  |               |                  |            |
| <b>Programme module type:</b>  | Compulsory for M.Res. in Psychology.<br>Compulsory for M.Sc. in Health Psychology.<br>Optional for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind. |               |                  |            |
| <b>Co-requisite(s):</b>  | All seven modules are to be taken together in the same session. The 'same session' requirement may be waived at the discretion of the Head of School.                    |               |                  |            |
| <b>Learning and teaching methods and delivery:</b>   | 17 x 2-hour seminars.  |               |                  |            |
| <b>Assessment pattern:</b>   | 10 elements of Coursework  |               |                  |            |
| <b>Module Co-ordinator:</b>  | Prof RW Byrne  |               |                  |            |

| PS5005 Methods of Data Analysis in Psychology  |  |               |                  |   |
|--|--|---------------|------------------|---|
| <b>SCOTCAT Credits:</b>  | 30   | SCQF Level 11 | <b>Semester:</b> | 2 |
| <b>Planned timetable:</b>  | To be arranged.  |               |                  |   |
| This module aims to ensure that students are competent in the use of advanced data analysis in psychology. This includes advanced training in common statistics (including regression, analysis of variance and multivariate techniques) plus additional training in qualitative methods. Students will also study more complex topics such as statistical modeling. |  |               |                  |   |
| <b>Programme module type:</b>  | Compulsory for M.Sc. Evolutionary and Comparative Psychology: the Origins of Mind, M.Sc. Conversion Course in Psychology, M.Sc. in Health Psychology, M.Res. in Psychology |               |                  |   |
| <b>Learning and teaching methods and delivery:</b>   | 11 x 2-hour workshops.   |               |                  |   |
| <b>Assessment pattern:</b>   | 10 elements of Coursework  |               |                  |   |
| <b>Module Co-ordinator:</b>  | Dr E Bowman  |               |                  |   |
| <b>Lecturer(s)/Tutor(s):</b>   | Dr E Bowman and Dr N Tausch  |               |                  |   |

