

Psychology (Conversion)

Programme Requirements:

| Psychology (Conversion) - MSc |
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| 100 credits from Module List: SS5104, PS5005, PS5240, PS5231 - PS5234 and |
| 10 credits from Module List: PS5235 - PS5236 and |
| 10 credits from Module List: PS5237 - PS5238 and PS5002 (60 credits) |

Compulsory modules:

| SS5104 Quantitative Research in Social Science | | | | |
|--|---|---------------|-----------------|---|
| SCOTCAT Credits: | 15 | SCQF Level 11 | Semester | 1 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 1.00 - 5.00 pm Mon | | | |
| This module provides a user-friendly introduction to the fundamental concepts of quantitative analysis. It will cover underlying principles, terminology, research design, sampling strategies, uncertainty and missing data, computerised data management and univariate and multivariate approaches to data analysis. The assessment will be in the form of practical tasks completed in class and/or independently. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 3-hour combined lecture and practical session. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | 2-hour Written Class Test = 100% | | | |
| Module coordinator: | Dr M G Kesby | | | |
| Module teaching staff: | Dr J Ales | | | |

| PS5005 Methods of Data Analysis in Psychology | | | | |
|--|---|---------------|-----------------|---|
| SCOTCAT Credits: | 30 | SCQF Level 11 | Semester | 2 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 12.00 noon Mon | | | |
| 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. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 11 x 3-hour workshops plus optional tutorials. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr E M Bowman | | | |
| Module teaching staff: | Dr E Bowman, Dr R Spence, Dr S Pehrson and Professor S Reicher | | | |

Psychology and Neuroscience - Psychology (Conversion) 2018/9 - June 2018

PS5005 Methods of Data Analysis in Psychology

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|--|---|---------------|-----------------|---|
| SCOTCAT Credits: | 30 | SCQF Level 11 | Semester | 2 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 12.00 noon Mon | | | |
| 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. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 11 x 3-hour workshops plus optional tutorials. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr E M Bowman | | | |
| Module teaching staff: | Dr E Bowman, Dr R Spence, Dr S Pehrson and Professor S Reicher | | | |

PS5231 Conceptual Issues and Theoretical Perspectives

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|---|---|---------------|-----------------|---|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester | 1 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Thu (first half of semester) | | | |
| This module addresses the historical and philosophical background to current debates in psychology. The module will be taught via lectures and seminars including student presentations. Emphasis will be placed on the development of critical analysis of alternative models and levels of explanations of behaviour, and the ability to relate conceptual debates in psychology to issues in the real world. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Mr P L Gardner | | | |

PS5232 Assessment in Clinical Psychology

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|--|---|---------------|-----------------|---|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester | 2 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Thu (second half of semester). | | | |
| This module presents psychopathological conditions and provides a basic understanding of the underlying neuronal and/or cognitive-behavioural mechanisms. Examples will be drawn from the field of clinical psychology and/or clinical neuropsychology. The module will further explore in detail the tools and procedures used to assess psychopathological conditions by discussing their theoretical/statistical background and by demonstrating how to use these tools in clinical and experimental settings. In addition, the use of these tools will be trained in small group settings. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 hours of tutorials across the semester. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr D Balslev | | | |

Psychology and Neuroscience - Psychology (Conversion) - 2018/9 - June 2018

PS5233 Developmental Psychology

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|--|---|---------------|-----------------|---|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester | 2 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Thu (first half of semester) | | | |
| This module is designed to equip students with an appreciation of key principles, concepts, methods and discoveries in developmental psychology, with an emphasis on evolutionary and Comparative perspectives that are a particular strength of such work in St Andrews. The module aims to offer a broad perspective spanning infancy to childhood, and a range of key topics in cognitive and social development. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr E Robbins | | | |

PS5234 Social Psychology

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|---|---|---------------|-----------------|---|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester | 2 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Tue (first half of semester) | | | |
| This module explores in depth key topics across the breadth of social psychological enquiry. A variety of research approaches will be examined in order to develop the scientific understanding and critical skills in this field. Approaches that will be covered include social cognition, social identity and the study of intergroup relations. In each case, the strengths and limitations of the approaches are explored, and theoretical knowledge will be linked to current events. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr N Tausch | | | |

PS5002 Psychology Master's Research Project

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|---|--|---------------|-----------------|-----------|
| SCOTCAT Credits: | 60 | SCQF Level 11 | Semester | Full Year |
| Academic year: | 2018/9 | | | |
| Planned timetable: | To be arranged with the supervisor. | | | |
| The student will carry out a major piece of original and independent research under the guidance of an academic supervisor. Under normal circumstances the research will be planned during the academic semesters and then conducted during the summer after successful completion of the other MSc modules. Supervision will be regular and will normally average approximately one hour every two weeks. The aim of the module is to give the student an opportunity to develop expertise in designing, conducting and analysing psychological research, and also to learn how to present such work in writing. | | | | |
| Learning and teaching methods of delivery: | Weekly contact: Personal tutorials at approximately 2-weekly intervals. | | | |
| Assessment pattern: | 15,000 word (maximum) research report = 100% | | | |
| Module coordinator: | Dr K A Spencer | | | |

Psychology and Neuroscience - Psychology (Conversion) 2018/9 - June 2018

One of:

| PS5235 Cognitive and Behavioural Neuroscience | | | | |
|--|---|---------------|-----------------|---|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester | 1 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Tue (first half of semester) | | | |
| This module aims to provide an understanding of psychological knowledge in several inter-related domains concerned with the biological bases of behaviour. Emphasis will be laid on basic experimental science from analysis of molecular and synaptic events, single cell studies, brain activity scans, and clinical studies, and the relationship between cognitive, emotional, behavioural, neurological and physiological processes will be examined. | | | | |
| Anti-requisite(s) | You cannot take this module if you take PS5236 | | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr I Jentsch | | | |

| PS5236 Evolutionary and Comparative Psychology | | | | |
|---|---|---------------|-----------------|---|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester | 2 |
| Academic year: | 2018/9 | | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Tue (second half of semester) | | | |
| This module will address evolutionary and comparative approaches to psychology. The aim is to provide an understanding of major evolutionary forces and how they have shaped animal and human behaviour and psychology. Key principles, concepts and methodologies will be introduced and related to specific topic areas such as the evolution of social behaviour and the evolutionary origins of language and cognition. | | | | |
| Anti-requisite(s) | You cannot take this module if you take PS5235 | | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | | |
| Assessment pattern: | Coursework = 100% | | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | | |
| Module coordinator: | Dr C L Hobaiter | | | |
| Module teaching staff: | Dr C Hobaiter | | | |

One of:

| PS5237 Perception | | | |
|--|---|---------------|-----------------|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester |
| Academic year: | 2018/9 | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Tue (second half of semester) | | |
| The aim of this module is to develop an understanding of visual perception and its functions. Stress will be laid on the integration of findings from physiology, neuropsychology, anatomy, and psychophysics. Topic areas covered will include theories of human vision and their application to understanding our ability to perceive distinct visual properties, for example the shape, size, location and identity of objects. Emphasis will be placed on the development of the skill of critical evaluation of evidence and theory, with particular focus on awareness of the latest issues in the discipline. | | | |
| Anti-requisite(s) | You cannot take this module if you take PS5238 | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | |
| Assessment pattern: | Coursework = 100% | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | |
| Module coordinator: | Prof J Harris | | |

| PS5238 Cognition | | | |
|---|---|---------------|-----------------|
| SCOTCAT Credits: | 10 | SCQF Level 11 | Semester |
| Academic year: | 2018/9 | | |
| Planned timetable: | 9.00 am - 11.00 am and 2.00 pm - 5.00 pm Thu (second half of semester) | | |
| The aim of this module is to develop an understanding of human memory and attention. Topic areas covered will include theories of attention, short and long-term memory, processes involved in memory encoding, maintenance and retrieval. Emphasis will be placed on the development of the skill of critical evaluation of evidence and theory. Lectures will be accompanied by practical classes, in which students will gain experience of the experimental methods used in cognitive research, and seminars in which research papers will be critically evaluated. | | | |
| Anti-requisite(s) | You cannot take this module if you take PS5237 | | |
| Learning and teaching methods of delivery: | Weekly contact: 1 x 2-hour lecture and 1 x practical/workshop class of up to 3 hours. Additionally 5 x 1-hour tutorials across the semester. | | |
| Assessment pattern: | Coursework = 100% | | |
| Re-assessment pattern: | Resubmission of failed item(s) of coursework | | |
| Module coordinator: | Dr T Otto | | |

