

## School of Psychology

### Important Degree Information:

#### B.Sc./M.A. Honours

The general requirements are 480 credits over a period of normally 4 years (and not more than 5 years) or part-time equivalent; the final two years being an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels. Refer to the appropriate Faculty regulations for lists of subjects recognised as qualifying towards either a B.Sc. or M.A. degree.

#### B.Sc./M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally 5 years (and not more than 6 years) or part-time equivalent; the final three years being an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels. Refer to the appropriate Faculty regulations for lists of subjects recognised as qualifying towards either a B.Sc. or M.A. degree.

#### Other Information: BPS Recognition

Passes in PS3021, PS3022, PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036, PS3037 or PS3038, PS4040 and PS4050 are required for recognition by the British Psychological Society. This is not possible for degrees in combination with Theological Studies, Economics, History, International Relations, Management, or Social Anthropology. **This recognition is required for those who wish to gain employment as professional psychologists.**

In the case of students who spend part of the Honours programme abroad on a recognised Exchange Scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

<b>Degree Programmes</b>	<b>Programme Requirements at:</b>
(M.A. Honours or B.Sc. Honours): <b>Psychology</b>	<p><b>Single Honours Psychology Degrees:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> 110 credits consisting of passes in PS3021, PS3022, PS3031, PS3032, PS3033, PS3034, PS3035, PS3036, PS3037, PS3038.</p> <p><b>Level 4:</b> 130 credits from the 4000-level PS modules, necessarily including PS4040, PS4050 and PS4060; with the prior approval of the School, up to 30 credits from elsewhere in the Catalogue may be substituted for 4000-level PS modules.</p> <p><b>Other Information:</b> This degree is recognized by the British Psychological Society.</p>
(M.A. Honours): <b>Psychology and one of:</b> <b>Art History, English, French<sup>w</sup>, Geography, German<sup>w</sup>, International Relations, Italian (WIYA only), Management, Mathematics, Mediaeval History, Modern History, Philosophy, Social Anthropology, Theological Studies.</b>  <sup>w</sup> available also as 'With Integrated Year Abroad Degrees'	<p><b>Psychology element of Joint M.A. Honours Degrees:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 60 credits consisting of passes in PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036, PS3037 or PS3038 (normally PS3038).</p> <p><b>Level 4:</b> Up to 40 credits consisting of PS4040 and PS4050,</p> <p><b>see “Other Information” at the top of the page for additional requirements for BPS recognition.</b></p>

**Psychology – Honours 2011/12 – August 2011**

<b>Degree Programmes</b>	<b>Programme Requirements at:</b>
<p>(B.Sc. Honours): <b>Psychology and Biology</b></p>	<p><b>Psychology element of Joint B.Sc. Honours Degree:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 60 credits consisting of passes in PS3021 and PS3022 and in modules selected from PS3031 - PS3039,</p> <p><b>Level 4:</b> 45 credits from 4000-level PS modules. This programme will not provide sufficient psychology credits for BPS recognition</p> <p><b>Note:</b> the total Honours credits in Biology and in Psychology must equal or exceed 240, and must include a project in either School (PS4050 or BL4200).</p>
<p>(B.Sc. Honours): <b>Psychology and Computer Science</b></p>	<p><b>Psychology element of Joint B.Sc. Honours Degree:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 60 credits consisting of passes in modules PS3031 - PS3039.</p> <p><b>Level 4:</b> 45 credits from 4000-level PS modules.</p> <p><b>see “Other Information” on page 21.1 for additional requirements for BPS recognition.</b></p> <p><b>Note:</b> the total Honours credits in Computer Science and in Psychology must equal or exceed 240.</p>
<p>(B.Sc. Honours): <b>Psychology and Economics</b>  (For those entering Honours in or after 2009.)  (M.A. Honours) <b>Psychology and Economics</b></p>	<p><b>Psychology element of Joint M.A. or B.Sc. Honours Degree:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 60 credits consisting of passes in modules PS3031 - PS3039.</p> <p><b>Level 4:</b> At least 45 credits from 4000-level PS modules</p> <p><b>Note:</b> This programme will not provide sufficient Psychology credits for BPS recognition.</p>
<p>(M.A. Honours): <b>Psychology and Film Studies</b></p>	<p><b>Psychology element of Joint M.A. Honours Degree:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 60 credits chosen from 3000-level PS modules</p> <p><b>Level 4:</b> Up to a further 60 credits from 3000-level and 4000-level PS modules.</p> <p><b>Note:</b> This programme will not provide sufficient Psychology credits for BPS recognition.</p>

<b>Degree Programmes</b>	<b>Programme Requirements at:</b>
<p>(M.A. Honours):</p> <p><b>Psychology and Italian<sup>W</sup></b></p> <p><sup>W</sup> available also as 'With Integrated Year Abroad Degrees' - see programme description on page 21.1 for WIYA</p>	<p><b>Psychology element of Joint M.A. Honours Degree:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 90 credits consisting of passes in PS3021, PS3022, PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036 (normally PS3036), PS3037 or PS3038 (normally PS3038).</p> <p><b>Level 4:</b> 40 credits consisting of PS4040 and PS4050,</p> <p><b>This degree confers BPS recognition</b></p>
<p>(B.Sc. Honours):</p> <p><b>Psychology and Mathematics</b></p>	<p><b>Psychology element of Joint B.Sc. Honours Degree:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 60 credits consisting of passes in PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036 (normally PS3036), PS3037 or PS3038 (normally PS3038).</p> <p><b>Level 4:</b> Up to a further 60 credits consisting of PS4040 and PS4050;</p> <p><b>see “Other Information” on page 21.1 for additional requirements for BPS recognition.</b></p>
<p>(B.Sc. Honours):</p> <p><b>Psychology with Biology</b></p>	<p><b>Psychology major element of B.Sc. Honours Degree with Biology:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> At least 90 credits consisting of passes in PS3021, PS3022, PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036 (normally PS3036), PS3037 or PS3038 (normally PS3038).</p> <p><b>Level 4:</b> At least 40 credits from 4000-level PS modules,</p> <p><b>see “Other Information” on page 21.1 for additional requirements for BPS recognition.</b></p> <p><b>Note:</b> the total Honours credits in Biology and in Psychology must equal or exceed 240, and must include a project in either School (PS4050 or BL4200).</p>
<p>(M.A. Honours):</p> <p><b>Psychology with Film Studies</b></p>	<p><b>Psychology major element of M.A. Honours Degree with Film Studies:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> 60 credits consisting of passes in PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036 (normally PS3036), PS3037 or PS3038 (normally PS3038).</p> <p><b>Level 4:</b> Up to a further 90 credits from 3000-level and 4000-level PS modules.</p> <p><b>see “Other Information” on page 21.1 for additional requirements for BPS recognition.</b></p>

<b>Degree Programmes</b>	<b>Programme Requirements at:</b>
(M.A. Honours): <b>Psychology with Geography</b>	<p><b>Psychology major element of M.A. Honours Degrees:</b></p> <p><b>Level 1:</b> 40 credits consisting of passes in both PS1001 and PS1002</p> <p><b>Level 2:</b> 60 credits consisting of passes at 11 or better in both PS2001 and PS2002</p> <p><b>Level 3:</b> 60 credits consisting of passes in PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036, PS3037 or PS3038.</p> <p><b>Level 4:</b> At least 90 credits from 3000-level and 4000-level PS modules.</p> <p>see “Other Information” on page 21.1 for additional requirements for BPS recognition.</p>

**Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).**

Normally the prerequisite for each of the following Honours modules is entry to the Honours Programme(s) for which they are specified, as well as any additional specific prerequisite(s) given.

General degree students wishing to enter 3000-level modules and non-graduating students wishing to enter 3000-level or 4000-level modules must consult with the relevant Honours Adviser within the School before making their selection.

### Psychology (PS) Modules

#### PS3021 Research Design & Analysis 1

Credits: 15 Semester: 1

Description: This module is designed to provide a basic understanding of research design and statistics that will provide the foundations for independent empirical research and critical analysis required in the final year of the Honours programme. Emphasis will be placed on the acquisition of design and analysis skills and an understanding of the underlying philosophy that guides research. The syllabus will include core aspects such as ethical issues in research, basic statistics, technical writing and the use of statistical packages.

Class Hour: 9.00 am - 11.00 am / 2:00 - 5:00 pm Monday.

Teaching: 1 lecture and 1 x 3-hour laboratory class or seminar.

Assessment: Continuous Assessment = 40%, 2-hour Examination = 60%

#### PS3022 Research Design & Analysis 2

Credits: 15 Semester: 2

Prerequisite: PS3021

Description: This module is designed to provide a more advanced understanding of research design and statistics. Emphasis will be placed on the acquisition of analytical skills covering typical research situations encountered in the behavioural sciences. The syllabus will include advanced analysis of variance, multivariate statistics and non-parametric statistics, as well as training in computerised data analysis and presentation.

Class Hour: 9.00 am - 11.00 am / 2:00 - 5:00 pm Monday.

Teaching: 1 lecture and 1 x 3-hour laboratory class or seminar.

Assessment: Continuous Assessment = 40%, 2-hour Examination = 60%

**PS3031 Conceptual Issues & Theoretical Perspectives**

Credits: 10 Semester: 1 (first half)  
Anti-requisite: PS3012

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Thursday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: Continuous Assessment = 100%

**PS3032 Assessment in Clinical Psychology**

Credits: 10 Semester: 2 (second half)  
Anti-requisite: PS3012

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Thursday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: 1.5-hour Examination = 100%

**PS3033 Developmental Psychology**

Credits: 10 Semester: 2 (first half)  
Anti-requisite: PS3010/PS3011

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Thursday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: Continuous Assessment = 100%

**PS3034 Social Psychology**

Credits: 10 Semester: 2 (first half)  
Anti-requisite: PS3010/PS3011

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Tuesday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: Continuous Assessment = 100%

## **Psychology – Honours 2011/12 – August 2011**

### **PS3035 Cognitive & Behavioural Neuroscience**

Credits: 10 Semester: 1 (first half)

Anti-requisite: PS3008 and PS3009

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Tuesday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: 1.5-hour Examination = 100%

### **PS3036 Evolutionary & Comparative Psychology**

Credits: 10 Semester: 2 (second half)

Anti-requisite: PS3010/PS3011

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Tuesday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: Continuous Assessment = 100%

### **PS3037 Perception**

Credits: 10 Semester: 1 (second half)

Anti-requisite: PS3007

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Tuesday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: 1.5-hour Examination = 100%

### **PS3038 Cognition**

Credits: 10 Semester: 1 (second half)

Anti-requisite: PS3007

Description: 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.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm Thursday.

Teaching: 1 x 2-hour lecture and 1 x 3-hour laboratory class or seminar.

Assessment: 1.5-hour Examination = 100%

**PS4040 Psychology Review**

Credits: 10 Semester: Whole Year

Co-requisite: PS3021 and PS3022. This module is normally completed in the first year of the Honours Programme.

Description: This module will foster the abilities needed to search, collate and integrate an extensive area of psychological literature. Emphasis will be placed on analytical and methodological issues, and this module therefore complements PS3021 and PS3022. A systematic approach to the analysis of a specific body of literature will be encouraged. Students are invited to identify preferred subject matters so long as they fall within the area of the supervisor's expertise. Supervision will be given to aid students in the collation, planning and organisational phases of their work. The review will be limited to 5,000 words.

Teaching: Individual supervision by pre-assigned member of staff

Assessment: Review = 100%

**PS4050 Psychology Project**

Credits: 30 Semester: Whole Year

Prerequisites: PS4040, PS3021 and PS3022. This module is normally completed in the first year of the Honours Programme.

Description: The aim of the project is to develop and foster the skills of experimental design, appropriate research management and statistical analysis. A wide choice of topics is possible, but the skills developed in modules PS3021, PS3022 and PS4040 are an essential preparation. The empirical part of the project may be conducted with another student, to allow greater research scope and the choice of more realistic problems, but all analysis and report-writing must be carried out individually. Topics range over all areas of psychology under active investigation in the School, and effort is made to arrange for students to work in one of their preferred areas.

Teaching: Individual supervision by pre-assigned member of staff

Assessment: 6,000 word Project = 100%

**PS4060 Review Essay**

Credits: 15 Semester: Whole Year

Prerequisite: Available only to students in the second year of the Honours Programme.

Description: In this module candidates will choose a title from a range of topics and questions and write an unsupervised review essay addressing it. Titles will be designed to allow candidates both to tackle an issue of current active interest in psychology and to display their ability to appreciate links between material from different areas of psychological inquiry.

Teaching: This is an unsupervised assignment

Assessment: 4,000 Word Essay = 100%

**PS4064 Working Memory**

Credits: 15 Semester: 1

Prerequisites: Available only to students in the second year of the Honours Programme.

Description: This module will have both a theoretical and an applied aspect. It will illustrate how cognitive models are developed, what type of evidence is important in sustaining this development and the weight of evidence required to significantly alter the direction of such development. In its theoretical aspect, the module will investigate an influential model of memory - the Working Memory Model. The model is wide-ranging with aspects concerned with verbal and visual memory and with attention. Increasingly, there is neuropsychological input to the model's development. In its applied aspects, the module will acknowledge the fact that WM is often used as a theoretical backdrop to our understanding of a variety of different "real life" matters. Teaching will be based on seminars in which class members will be expected to play an active part, contributing on the basis of their own extensive reading. Emphasis will be placed on development of the skill of critical evaluation of research reports, and those skills necessary for going beyond current topics into future directions of research.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

## **Psychology – Honours 2011/12 – August 2011**

### **PS4065 Vision: from Neurons to Awareness**

Credits: 15 Semester: 1

Availability: Not available 2011-12

Prerequisites: Available only to students in the second year of the Honours Programme.

Description: The aim of the module is to develop an advanced understanding of the psychological processes involved in visual perception. The module will illustrate how a full understanding of perception requires scientific study at a number of levels, from the whole human, moving apparently effortlessly through our complex and sometimes dangerous environment, through neuropsychological studies exploring what happens when selective damage occurs, to the functioning of the individual neurons that underlie our ability to perceive an apparently continuous, colourful, three-dimensional world. The module will cover selected topics that illustrate the extraordinary range of problems our perceptual systems solve in the real world, including: active vision (how do our visual systems allow us to function fast enough to drive a car, play fast-action sports), three-dimensional vision (why and how do we perceive the world as three-dimensional), material perception (how do we perceive things as dirty, smooth, shiny, patterned) visual consciousness (is perception necessarily conscious, and it is possible to explore consciousness scientifically?).

Emphasis will be placed on development of the skill of critical evaluation of scientific evidence and theory from recent and classic research literature.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

### **PS4066 Neural Modelling**

Credits: 15 Semester: 1

Prerequisites: Normally available only to students in the second year of the Honours Programme.

Description: This module aims to develop an understanding of some of the fundamental principles of brain function in terms of the information processing involved in psychological phenomena and working models of specific neural circuits in the brain. Teaching will be based on seminars in which class members will be expected to play an active part, contributing on the basis of their extensive reading. Emphasis will be placed on developing the skill of critical evaluation of research reports, and those skills necessary for going beyond current topics into future directions of research. There will be some flexibility on the choice of topics to be covered by the seminars, but they may include some of the following topics: models of processes involved in perception, memory, neural organisation (e.g. neural maps), the representation of information and knowledge (e.g. neural coding and decoding) and models of cognitive processes.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

### **PS4069 Group Behaviour**

Credits: 15 Semester: 2

Prerequisites: Available only to students in the second year of the Honours Programme.

Description: This module aims to develop an advanced understanding of selected topics relating to the psychology of groups and collective behaviour. It will address how behaviour is affected by the group context and examine the psychological mechanisms which shape how people act as group members. Teaching will be seminar based and students will be expected to read independently and contribute actively to sessions. Emphasis will be placed on the development of critical skills and the ability to relate individual studies and theories to broader conceptual debates in social psychology. More detailed module content will be announced in advance of student choices.

Class Hour: To be arranged.

Teaching: 2-hour seminar.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%



**PS4071 Behavioural Neuroscience**

Credits: 15 Semester: 2

Prerequisites: Available only to students in the second year of the Honours Programme.

Description: The overall aim of this module is to allow students access to current research in the area of behavioural neuroscience. Possible topics include motivation, learning and attention. Past themes explored in the module include: the relationship between 'normal' learning and addiction; the transition from goal-directed action to stimulus-response habit; the neural basis of compulsive gambling; the efficacy of biological treatments of addiction; and the behavioural and neural effects of MDMA ('ecstasy'). Results from both human and animal research will be considered in parallel, with examples of papers ranging from molecular neuroscience to neuropsychology. The format of the module will include lectures (which are designed to provide the students with the background necessary to read research articles); guided seminars and student presentations summarising research articles. In order to maximise the benefits of the students' presentations, each student will meet with the lecturer at least twice to discuss the topic and content of their talk.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

**PS4074 Cognitive Psychology & the Emotional Disorders**

Credits: 15 Semester: 1

Prerequisites: Available only to students in the second year of the Honours Programme.

Description: This module is designed to demonstrate how theories from cognitive psychology can enhance our understanding of the emotional disorders. Teaching will be based on individual seminar presentations followed by class discussion. In the presentations students will be expected to review and critically evaluate original research. Seminars will focus on topics such as autobiographical memory and depression, autobiographical memory and anxiety, attentional bias in depression and anxiety, and interpretative biases in depression and anxiety. At the end of the seminar series, students should understand how depression and anxiety can be differentiated on the basis of these biases.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

**PS4079 Sex Differences & Gender Development**

Credits: 15 Semester: 2

Prerequisite: Only available to students in the second year of the Honours Programme.

Description: This advanced-level module will examine the evidence for sex differences in human behaviour and explore how gender develops across the lifespan. Students will learn how hormones, such as testosterone and estrogen, influence brain function and behaviour in non-human animals and will apply this knowledge to human data. Example topics include sexual behaviour (including sexual orientation), aggression, memory, sex differences in mental health, and the evolution of sex differences. Teaching will be based on student-led seminars with supporting lectures. Emphasis will be placed on critical evaluation and the ability to relate scientific data to broader debates regarding sex differences in behaviour.

Class Hour: To be arranged.

Teaching: 2-hour seminar.

Assessment: Continuous Assessment = 100%

## **Psychology – Honours 2011/12 – August 2011**

### **PS4083 Psychology of Music**

Credits: 15 Semester: 1

Prerequisite: Only available to students in the second year of the Honours Programme.

Description: The aim of the module is to introduce students to psychological processes underlying music perception, cognition, and performance. The relationship between musical phenomena and mental functions will be illustrated. The module will cover different aspects of music perception including psychoacoustics and sound perception, music cognition including music memory emotion and expectancies, skilled performance as well as abnormalities in music perception and performance. The module will be taught in the form of seminars including student presentations. Emphasis will be placed on the development of critical thinking and the ability to relate conceptual debates in psychology to issues in the real world.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

### **PS4084 Psychology of Visual Art**

Credits: 15 Semester: 2

Prerequisite: Only available to students in the second year of the Honours Programme.

Description: This module will explore the value and limitations of a scientific approach to understanding visual art, and the extent to which a neurological theory of aesthetic experience is possible. These questions will be addressed from evolutionary, cognitive and neurological perspectives. Examples of specific topics that will be tackled include: can the appreciation of art be reduced to a set of physiological responses?; is it possible to describe laws of aesthetic experience?; can particular works of art be understood in terms of the known properties of the visual system?; what happens to visual artists with neuropsychological deficits? The module will be based on a critical analysis of contemporary scientific studies in the field.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

### **PS4085 Evolution & Development of Social & Technical Intelligence**

Credits: 15 Semester: 1

Prerequisite: Only available to students in the second year of the Honours Programme.

Description: The last two decades have witnessed a surge of research on social and technical intelligence, both in humans and an increasingly wide range of non-human animal species. This module surveys the principal discoveries, integrating field and captive studies, as well as both observational and experimental methodologies, to trace the evolution and development of aspects of social intelligence such as imitation and theory of mind, and technical intelligence, such as tool use and understanding of causality. Key aims include appreciating the range of methodologies that have been developed and how these can be used to trace the evolution and ontogeny of the underlying psychological mechanisms.

Class Hour: 9.00 am - 11.00 am.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 100%

### **PS4086 Origins & Evolution of Mind Reading (Theory of Mind)**

Credits: 15 Semester: 2

Prerequisite: Only available to students in the second year of the Honours Programme.

Description: The module will offer a comparative approach to the emergence of the ability to understand mental states in children and non-human primates, and its alteration in autism. This ability (also known as Theory of Mind) is at the heart of many of humans unique cognitive achievements, but their origins can be traced back in evolution and development. The course will discuss the current state of research in this area, emphasizing both empirical and conceptual aspects posed by the combination of the evolutionary and developmental approaches.

Class Hour: 11.00 am - 1.00 pm.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

**PS4088 Emotion**

Credits: 15 Semester: 2

Prerequisite: Only available to students in the second year of the Honours Programme.

Description: This seminar-based module involves readings and discussions on psychological theories of human emotion. The following questions are examined in detail: What constitutes an emotion? Are there basic emotions universal to all humans? Or do experiences of emotion differ across cultures? How are emotions different (or the same) from moods and feelings? The module includes topics on emotion and motivation; social psychological perspectives on emotion; the interface between affect and cognition; cultural variation in emotion; biological and evolutionary bases; and papers on specific emotions such as anger, happiness, guilt, shame, and disgust. Critical analysis of theory and research on emotion is emphasised.

Class Hour: To be arranged.

Teaching: 2-hour seminars.

Assessment: Continuous Assessment = 25%, 2-hour Examination = 75%

