

## MODULE DESCRIPTOR

<b>MODULE TITLE</b>	COGNITIVE AND PHYSIOLOGICAL PSYCHOLOGY		
<b>MODULE CODE</b>	PS2030 (L5)	<b>CREDIT VALUE</b>	20 UK CREDITS / 10 ECTS
<b>SCHOOL</b>	SCHOOL OF SCIENCES		

### MODULE AIMS

Cognitive Psychology: fundamental issues in human cognition, ranging from visual perceptual processes to problem solving and reasoning. Physiological Psychology: A thorough grounding in several key areas of physiological psychology (the study of the brain and how it causes or relates to behaviour) is provided.

### MODULE CONTENT

Indicative syllabus content:

A selection of the following topics will be covered:

#### **Cognitive Psychology**

- Auditory and Visual Perception
- Attention and Skills
- Short-term and long-term memory
- Thinking and Mental Imagery
- Reasoning, Problem Solving and Decision Making
- Theories of Language, Speech and Reading

#### **Physiological Psychology**

- The neural basis of sleep and circadian rhythms
- The hippocampus and memory
- The neural basis of human amnesia
- The neural basis of feeding behaviour
- Eating Disorders: Focus on obesity in adults and children
- Addiction – focus on alcohol dependence
- Repetitive Strain Injury (RSI)
- The Neurobiology of Consciousness
- Genetics
- The pharmacological control of feeding
- Depression and Parkinson's disease
- Schizophrenia and Alzheimer's disease
- Cerebral asymmetry
- Hemispheric difference in behaviour

### INTENDED LEARNING OUTCOMES

On successful completion of this module a student will be able to:

1. Describe and critically evaluate the main areas of theory and research in cognitive and physiological psychology.
2. Discuss and critically evaluate important issues in cognitive and physiological psychology.
3. Communicate an in-depth investigation of a particular topic area of cognitive or physiological psychology.

### TEACHING METHODS

The core material of the module is delivered via traditional lectures and seminars. Videos are used to support this delivery where appropriate and there are scheduled e-learning sessions.

### ASSESSMENT METHODS

This module is assessed through an examination and an essay.