Welcome to the Schools of Psychological Science & Physiology, Pharmacology and Neuroscience. University of Bristol

CB81 **MSci.** Psychology and Neuroscience (4 year)

Programme Director:
Professor Clea Warburton

Admissions Tutors:
Dr Frankie MacMillan
Dr Colin Davies
Dr Roland Baddley

University of BRISTOL

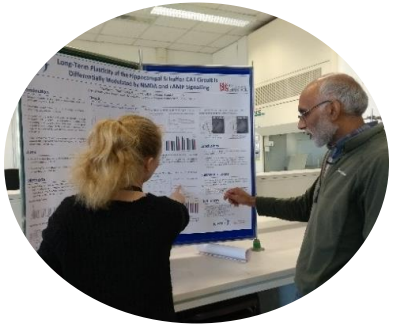
Athena SWAN Bronze Award

Key Features of this new and exciting programme

Accredited by the **British Psychological Society**

Years 1 and 2

Introducing fundamentals:
Units in years 1 and 2 include lectures, practicals, dissections, workshops
and tutorials. You will learn core concepts in psychology, nerve cell function and neuroanatomy as well as in research methods, helping to build a strong basis in developing skills in both psychology and neuroscience.

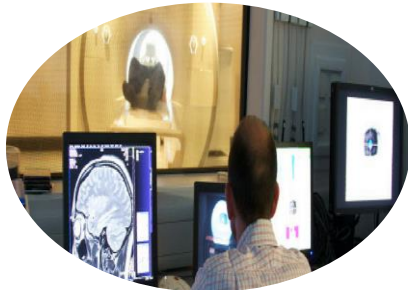


Year 3

Building knowledge and technique: You will further your understanding of a wide range of neuroscience topics and apply research techniques used in a neuroscience project. You will also take a unit to further develop your understanding of psychology research.

Year 4

Making discoveries: You will carry out an original empirical research project for which you will demonstrate initiative in the design, development, conduct and write-up of a psychological research question using human participants - subject of course to ethical approval!



Course structure: First and Second Years

Year 1

- **Foundations of Psychology**
- **Psychological Research Methods**
- **Introduction to Neuroscience**
- **Functional Neuroanatomy**

Year 2

- **Brain and Cognition**
- **Individual and Social Cognition**
- **Neurophysiology**
- **Techniques in Neuroscience**

Key features: Teaching will include lectures, practicals, workshops and tutorials. For example:
Functional neuroanatomy practicals include detailed study of the human brain in our state-of-the-art anatomy dissection suite. ***Techniques in Neuroscience*** allows you to drive the work by investigating neuroscience problems within a tutorial setting. In ***Psychological research methods*** you will learn about how to carry out and analyse experiments in psychology.

Two teaching blocks – September-December; January-May; exams in January and May/June. Assessment is via a combination of coursework and Exams

Course structure: Third Year

- **Further Psychological research methods**
- **Neuroscience Research Project**
- **Cognitive Neuroscience**

And one option from e.g.:

- **Brain and Behaviour**
- **Neuroscience of Pain**
- **Synaptic Plasticity**
- **Synaptic Cell Biology**
- **Neurological and Psychiatric disorders**

Key features : In your *Neuroscience research project* you will be able to explore a neuroscience question in depth, with guidance from your supervisor. Optional units are taught by our researchers who are leaders in their fields and will focus on current developments.

Course structure: Fourth Year

- **Psychology Research project**
- **Ideas and Enterprise**
- **Computational Models of Neural Systems**

And choose two from e.g.:

- Advanced Creative Communication
- Current Topics in Interdisciplinary Research
- Advanced Drug Use and Addiction
- Advanced Evolutionary Psychology
- Advanced Genes and Behaviour
- Advanced Issues in Social Psychology
- Advanced Neuropsychiatry Advanced
- Nutrition and Behaviour Advanced
- Psychology of Language

Key features : Optional units are taught by our researchers who are leaders in their fields and will focus on current developments. Your *Psychology research project* will allow you to utilise all the experimental design skills and analytical skills you have acquired in years 1-3.

Why come to Bristol to study Psychology and Neuroscience?

Research underpins Teaching

We specialise in the study of:

Neuroscience:

- Learning and emory
- Pain
- Neuropsychiatric disorders

Psychology:

- Brain and behaviour
- Cognitive Science
- Physical and mental health

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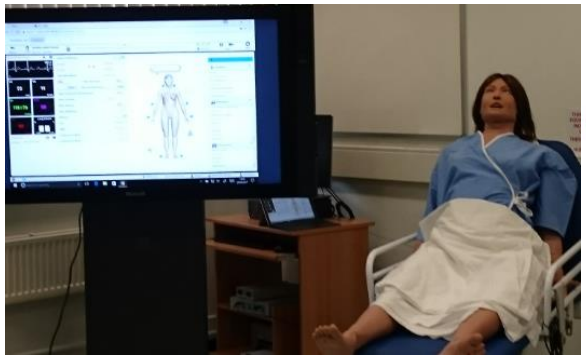
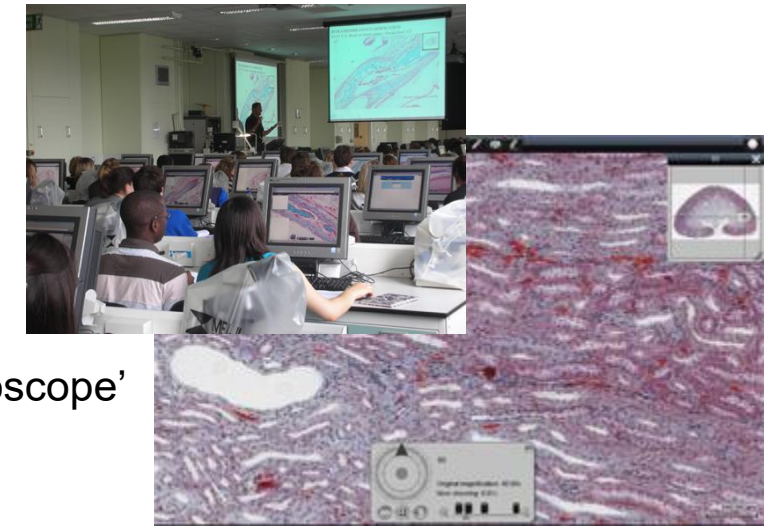
Why come to Bristol to study Psychology and Neuroscience?

Continual Commitment to excellence in Teaching



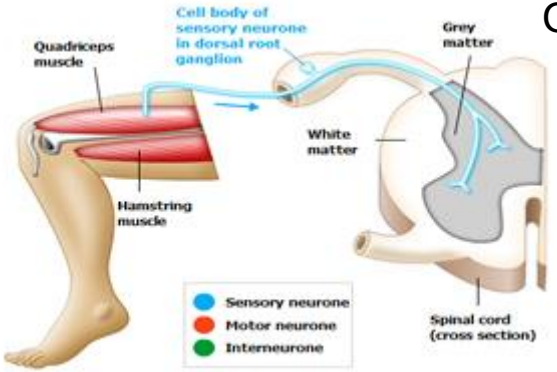
Human patient simulator – ‘Athena’

AIMS
EXCELLENCE IN TEACHING & LEARNING



Virtual microscope’

eBioLabs
Integrated tools for laboratory teaching



On-line resources to support practical teaching’

the guardian
UNIVERSITY AWARDS
Runner-up
2013