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
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
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
Why come to Bristol to study Psychology and Neuroscience?

Continual Commitment to excellence in Teaching

Human patient simulator – ‘Athena’

Virtual microscope’

On-line resources to support practical teaching’