Our Neuroscience & Psychology BSc program cuts across disciplinary boundaries to provide you with the knowledge and skills that you need to understand the workings of the brain and the relationship between mental and neural processes in health and disease. Offered by the Institute of Psychiatry, Psychology & Neuroscience (IoPPN), the premier centre for mental health and related neurosciences research in Europe, it emphasizes research-led teaching and provides an unparalleled opportunity to benefit from the expertise of world leading experts and state of the art facilities.

Key benefits

- You will study in a multidisciplinary environment, learning from and working with world leading experts in neuroscience and psychology.
- You will develop knowledge across disciplines and levels of analysis, from cells and molecules to cognitive and cultural processes.
- You will be trained in the latest technological and methodological developments in cognitive, systems and computational neuroscience.
- You will develop the computational, statistical and analytical skills required to work with complex neuroscientific data.
- You will develop the skills and mind-set required for working with people from diverse scientific backgrounds.
- You will have the opportunity to undertake a year’s professional placement or a year abroad. This year is subject to achieving a certain grade point average and being accepted at a partner institution.

Course details

In years 1 & 2 you will study a range of compulsory modules, including modules shared with the Psychology BSc, which cover the curriculum required for the Graduate Basis for chartered membership of the British Psychological Society. Other modules will develop your understanding of neural science and methods, and build your skills and confidence in statistical analysis and computing using software such as R and Matlab.

You will have the opportunity study abroad for a year, or put your knowledge and skills in practice during a professional placement year. Our unique partnership with South London & Maudsley Hospital (SLaM), and the more than 100 research teams at the IoPPN, from basic and clinical neuroscience, to developmental neurobiology, to neuroimaging and psychiatric research, to neurodevelopmental and age-related disorders, ensure that you will find a placement that meets your interests.
Teaching
This course is taught through a combination of lectures, seminars, computer labs and practical classes, and contains a significant element of directed self-study.

Course stage | Percentage of time in scheduled learning and teaching activities | Percentage of time in guided independent study
--- | --- | ---
Year 1 | 28% | 72%
Year 2 | 27% | 73%
Year 3 | 20% | 80%

Assessment
This course is assessed through a combination of coursework – written work and presentations – examinations and, for some optional modules, practical assessment.

Course stage | Percentage of assessment by written exams | Percentage of assessment by practical exams | Percentage of assessment by coursework
--- | --- | --- | ---
Year 1 | 47% | 3% | 50%
Year 2 | 54% | – | 46%
Year 3 | 55% | 12% | 33%

Course accreditation
The course incorporates the British Psychological Society accredited curriculum; students who follow this curriculum will be eligible for the Graduate Basis for Chartered Membership with the society.

Regulating body
King’s College London is regulated by the Office for Students.

Course structure
Courses are divided into modules. You will normally take modules totalling 120 credits each academic year.

Year 1
Required modules
You are required to take the following modules:
- Psychology & the Brain (15 credits)
- Psychology & Society (15 credits)
- Psychology & the Individual (15 credits)
- Psychology & Development (15 credits)
- The Making of a Brain (15 credits)
- Brain Form & Function (15 credits)
- Research Methods & Statistics with R 1 (15 credits)
- Research Methods & Statistics with R 2 (15 credits)

Optional modules
There are no optional modules for this course in Year 1.

Year 2
Required modules
You are required to take the following modules:
- Distorted Worlds: Variation in Perception & Memory (15 credits)
- Choices: Agency, Autonomy and Addiction (15 credits)
- Origins of Individual Differences (15 credits)
- Research Methods & Statistics with R 3 (15 credits)
- The Cognitive Brain (15 credits)
- The Electrophysiological Brain (15 credits)
- Molecular and Cellular Neuroscience (15 credits)
- Computing for Brain & Cognitive Scientists (15 credits)

Optional modules
There are no optional modules for this course in Year 2.

Year 3
Neuroscience & Psychology with a year abroad BSc
Students on the four year BSc Neuroscience & Psychology with a year abroad course will spend their third year studying abroad before returning to complete their final year with us. Students will have the opportunity to study at partner institutions such as:
- Korea University
- Yonsei University
- The George Washington University
- The New School-Eugene Lang College
- University of Michigan
- University of Wisconsin-Madison
- Western University
- University of Melbourne
- Australia National University
- University of Auckland

Neuroscience & Psychology with a Professional Placement
Students on the four year BSc Neuroscience & Psychology with a year Professional Placement course will spend their third year on placement before returning to complete their final year with King’s.

Neuroscience & Psychology BSc
If you are on the three year Neuroscience & Psychology BSc course, you will take the final year modules in your third year.

Final year
Required modules
During your final year you are required to conduct a research project worth 45 credits (this is required if you want to be eligible for BPS Graduate Basis for Chartered Membership).

Alternatively, you need to take the following two modules:
- eLearning or Science Media/Public Engagement Project (30 credits)
- Neuroscience & Society (15 credits)
Optional modules

• Imaging the Brain, Reading the Mind (15 credits)
• Computational Neuroscience (15 credits)
• Complex Systems and Neuropsychiatric Disorders (15 credits)
• Memory Mechanisms in Health and Disease (15 credits)
• Neuroscience and Society (15 credits)
• Machine Learning in Neuroscience (15 credits)
• Pharmacology of Neurological and Psychiatric Disorders (15 credits)
• Neuroendocrinology (15 credits)
• Addiction (15 credits)
• Behavioural Genetics (15 credits)
• Psychosis: Prevention, Diagnosis and Treatment (15 credits)
• Neurodegenerative Disorders and Mechanisms (15 credits)
• Economic Psychology (15 credits)
• Abnormal Psychology (15 credits)
• Introduction to Forensic Psychology (15 credits)
• Topics in the Philosophy of Psychology (15 credits)

Students on the BSc Neuroscience & Psychology course may have the opportunity to apply for transfer onto one of the four-year courses. This transfer cannot be arranged or guaranteed at the time of application to the course.

King’s College London reviews the modules offered on a regular basis to provide up-to-date, innovative and relevant programmes of study. Therefore, modules offered may change. We suggest you keep an eye on the course finder on our website for updates.

Location

Teaching for your first two years will be split between Guy’s Campus and Denmark Hill Campus. Students on the four year Neuroscience and Psychology BSc will spend their third year either at a partner institution abroad or on a professional placement. In your final year, you will primarily be based at Denmark Hill, but exact locations will vary according to the optional modules you select.

Career prospects

Neuroscience & Psychology BSc graduates can follow a variety of careers, within scientific research and beyond. You will develop wide-ranging knowledge of human behaviour and the nervous system, a thorough grounding in experimental research methods in psychological and neural sciences, training in some of the latest technological and methodological approaches in cognitive and systems neuroscience and the computational, statistical and analytic skills required to work with complex and big data. You will develop the mind-set required for project-based interdisciplinary team-work, be comfortable working across levels of analysis, from cells and molecules to cognitive and cultural processes, and will develop problem solving and effective communication skills.

As a Neuroscience & Psychology graduate you could follow a variety of career pathways, including:

• Scientific research and teaching in neuroscience and psychology
• Further study in order to become a forensic, educational or clinical psychologist.
• Pharmaceutical industry and Drug Development, Biotechnology, Bioinformatics, Data science, Health Science and Health Services Research
• Science communication, museum work and public engagement, scientific publishing.

Fees and funding

Full-time tuition fees – UK
The UK tuition fees for the 2020-21 academic year are available on the course web page: www.kcl.ac.uk/study/undergraduate/courses/neuroscience-and-psychology-bsc

Full-time tuition fees – EU
Current regulations allow EU students to pay the same rate of tuition fees as Home/UK students on the basis of their EU citizenship or residency. This will remain the case for 2019/20 but may be subject to change in subsequent years. The Government is expected to announce changes regarding EU student tuition fees in September 2019. The UK tuition fees for the 2019–20 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study, may be subject to increases in line with King’s terms and conditions.

Full-time tuition fees – International
The International tuition fees for the 2019-20 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study, may be subject to increases in line with King’s terms and conditions.

All International applicants to undergraduate programmes are required to pay a deposit of £2,000 against their first year’s tuition fee. This deposit is payable when you firmly accept an unconditional offer to study with us, and will be offset against your tuition fees when you join King’s.

For further information, please visit the fees and funding section of our website: www.kcl.ac.uk/study/postgraduate/fees-and-funding/index.aspx

Additional costs
In addition to your tuition fees, you can also expect to pay for:

• books if you choose to buy your own copies
• college approved calculator for exams (Casio fx83 or fx85)
• DBS checks
• clothing for optional course related events and competitions
• library fees and fines
• personal photocopies
• printing course handouts
• society membership fees
• stationery
• travel costs for travel around London and between campuses.

Disclaimer
Although this PDF was up-to-date at the time it was produced, please make sure you check our website www.kcl.ac.uk/study or contact us directly for the very latest information before you commit yourself to any of our courses.

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