

Neuroscience



'I chose King's due to its excellent reputation, ideal location, as well as how involved it was with my course. There are always related research projects running, guest speakers to listen to and career events to attend. I am also a 'BioMed Parent', which means I can offer guidance and advice to first-year Biomedical Science students.'

Ruksana Fauzel
Neuroscience BSc

CONTACTS

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WEBSITE www.kcl.ac.uk/biohealth

PROFILE

Students admitted: 30

Applicants per place: 6

Teaching staff: 25

Find full descriptions of the structure and content of all our programmes at www.kcl.ac.uk/ugp

Why study Neuroscience at King's?

Neuroscience research is revealing important concepts and information that help us to understand the organisation and operation of the nervous system and to develop treatments for nervous system disorders. Neuroscientists at King's are among the world leaders in this area of research; the Centre for Neuroscience Research, the MRC Centre for Developmental Neurobiology, the Wolfson Centre for Age-Related Diseases and the Institute of Psychiatry at King's have all achieved the highest ratings in Research Assessment Exercises.

Consequently, the Neuroscience degree programme will provide teaching that is informed and constantly updated in light of research advances; this is particularly reflected in the advanced topics studied in the final year when students have the opportunity to undertake an original research project.

Teaching style

Teaching is delivered by a combination of lectures, seminars, tutorials and practical laboratory work. Tutorials are teaching sessions between an academic tutor and small groups of students where there is an opportunity to discuss work in detail and where subjects for coursework are agreed. Student seminars, involving larger groups, poster presentations (like those used at formal scientific meetings) and personal tutor sessions supplement tutorials.

Structure of programme and assessment

Assessment is usually by written examination at the end of each academic year, with increasing weight given to later years of study. First-year students have mid-session tests in most first-semester modules in January. Increasing importance is being given to coursework which takes the form of essays or reports of practical classes.

Selection procedure

We welcome applications from students with A-levels or equivalent qualifications from the UK, EU and other countries. Before you apply you may wish to attend a pre-offer School open day, usually held in July, when you can learn more about the programmes we offer.

Applicants who receive an offer from us are invited to visit the School, either for an interview or to one of several post-offer open days which take place between January and April. These events are a good opportunity to ask questions about studying at King's. If you would like a

personal chat with a staff member at the open day, you should contact the Academic Centre at Guy's Campus to arrange an appointment in advance.

Year in industry/research

You may be offered the chance to take an additional extramural year outside King's, between your second and final year, working in an industrial or research establishment in the UK or elsewhere in Europe. This greatly expands both your work and research experience, and often improves your choice of job opportunities after graduation.

Career prospects and graduate destinations

Neuroscience graduates are well qualified to enter the pharmaceutical industry, or to undertake a higher degree such as an MSc or PhD. Some apply for graduate entry into medicine. As well as specific training in neuroscience, the degree programme provides training and experience in many transferable skills that are important for occupations which value problem solving, presentation and research skills. These include careers in teaching, writing and business.

Recent graduates have found employment as....

- Research Analyst (TJRA)
- Financial Analyst (Farouk Khan)
- Researcher (King's College London)
- Managing Director (IT services company)

Degree programme

SINGLE HONOURS

Neuroscience BSc

UCAS Code B140

Study mode Full time

Duration Three/four years

Location Guy's Campus

Entry requirements See box

Neuroscience, the study of the operation of the nervous system, the mind and behaviour, is an area of research excellence at King's. The first year provides a solid foundation in the biological sciences underpinning neuroscience. Students specialise in the second year, taking neuroscience courses, philosophy and

psychology. In the final year students undertake an original research project and choose specialised neuroscience lecture-based modules from a very wide variety on offer.

Year one Biochemistry & Molecular Biology A; Biochemistry & Molecular Biology B; Practice of Biomedical Science; From Cells to Systems; Fundamentals of Pharmacology; Physiological Systems.

Year two Six compulsory modules covering neuroscience, the mind, pharmacology of the central nervous system, genetics, embryology and psychology.

Year three Compulsory research project (library or laboratory-based) and a choice of modules, according to one of three pathways chosen (laboratory-based research project in neuroscience; neuropsychology & neuroscience; library-based research project).

ENTRY REQUIREMENTS

UCAS CODE
B140

3 A-LEVELS AND 1 AS-LEVEL
ABB/pass

A/AS-LEVEL COMPULSORY SUBJECTS
Chemistry and Biology, at least one at A-level. If one offered at AS-level only, grade B required

ACCESS
Access to Science (or similar) Diploma with the maximum award of 60 credits overall and 45 at level three. Supplementary information and achievement eg percentage mark/scores for certain credits/subjects will be required

SCOTTISH HIGHERS AND ADVANCED HIGHERS
AABBB at Highers including Chemistry and Biology

IRISH LEAVING CERTIFICATE
A1 A1 B1 B1 B2 B2 at Higher level including Chemistry and Biology

INTERNATIONAL BACCALAUREATE
34 points including HL5 Chemistry and Biology

USA: ADVANCED PLACEMENT TESTS (TWO SEMESTER ONLY)
Three AP subjects with 544 including Chemistry and Biology

APTITUDE TEST
No test required

More information including requirements for 36 other countries can be found on our website www.kcl.ac.uk/ugp

