

# Neuroimaging MSc

Year of entry: 2019

Duration: one year

Study mode: full-time

[www.kcl.ac.uk/neuroimaging-msc](http://www.kcl.ac.uk/neuroimaging-msc)



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Our Neuroimaging MSc course will provide you with training in all the scientific and methodological aspects of neuroimaging. It has a strong focus on applied neuroimaging, including practical experience of scanning techniques and analysis methodologies. You will develop the broad set of skills that are essential to anybody wanting to work in the competitive world of neuroimaging.

## Key benefits

- Interdisciplinary research environment, which specialises in a world-leading combination of application-oriented brain imaging and analysis techniques. Neuroimaging is today one of the most successful research fields within the Institute of Psychiatry, Psychology & Neuroscience.
- Breadth of applications, including psychiatry, neurology, psychology, clinical neuroscience, neuroscience and beyond.
- Based in the state-of-the-art Centre for Neuroimaging Sciences, with direct access to five MR scanners (four 3T and one preclinical 9.4T) and to EEG labs.
- Strong partnerships with sister hospitals, industries and other (KCL and beyond) research centres hosting complementary technologies, such as PET, MEG, CT, Ultrasound and Stem Cell Imaging.

- World-class team of academic physicists and methodologists, as well as leading psychiatrists, neurologists, psychologists and clinical psychologists.
- Extensive collaboration within King's and with other universities and industries.
- Lectures given by experts in their field providing students with in-depth knowledge of their subject areas.
- Strong practical and experiential course components aimed at immersing students in all aspects of day-to-day neuroimaging techniques and their applications.



## Course details

Our Neuroimaging course aims to train the neuroimaging researchers of tomorrow by focusing on teaching you the scientific and methodological aspects of neuroimaging techniques in parallel to their application to psychiatry, neurology, psychology, clinical neuroscience, neuroscience and beyond.

In addition to theoretical approaches, our course has a strong applied element, which will allow you to gain practical experience of scanning techniques, with a focus on the skills needed to run a scanning session and to analyse and interpret the data produced. It also includes visits to other centres providing PET, MEG and NIRS among other imaging techniques.

### Teaching

You will be taught through a mix of lectures, seminars and tutorials.

Module name	Lectures (hours)	Seminars/tutorials (hours)	Field/lab/studio/supervised learning (hours)	Self-study time/project work (hours)	Total (hours)
Principles of Neuroimaging	25	10	20	245	300
Neuroimaging Acquisition & Analysis	25	10	20	245	300
Applications of Neuroimaging	25	10	20	245	300
Practical Neuroimaging	20	20	50	210	300
Neuroimaging Research Project	-	-	-	600	600

Contact time is based on 24 academic weeks.

Typically, one credit equates to 10 hours of study.

### Assessment

You are assessed through a combination of coursework and examinations and may typically expect assessment by:

Year	Examination	Coursework	Practical
1	40%	40%	20%

The study time and assessment methods detailed above are typical and give you a good indication of what to expect. However, they may change if the course modules change.

### Regulating body

King's College London is regulated by the Office for Students.



### Course structure

Courses are divided into modules. Over the course of your study you will take modules totalling 180 credits.

#### Required modules

You are required to take:

- Principles of Neuroimaging (30 credits)
- Neuroimaging Acquisition & Analysis (30 credits)
- Applications of Neuroimaging (30 credits)
- Practical Neuroimaging (30 credits)
- Neuroimaging Research Project (60 credits)

#### Optional modules

There are no optional modules for this 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

Our course is primarily taught at the King's College London Denmark Hill Campus.

There are some site visits to other campuses (Guy's and St Thomas') and other locations (UCL, MRC CBU in Cambridge). All research projects are normally within KCL academic departments, most often at the Denmark Hill Campus, but potentially at Guy's or St Thomas'.

### Career prospects

Upon completion, you will have a solid understanding of the techniques and applications of neuroimaging and will be well equipped to work in neuroimaging or related professions. You may also wish to use the course as preparation for PhD study in either neuroimaging or a related research area.





## Fees and funding

### Full-time tuition fees – UK

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 – EU

Students starting their programme in 2019/20 (September 2019) who are eligible to pay EU fees will pay the same rate of tuition fees as UK students. This will apply for the duration of their programme, but may be subject to change by the UK Government for subsequent cohorts from 2020/21.

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.

### Deposit

When you receive an offer for this course you will be required to pay a non-refundable deposit to secure your place. The deposit will be credited towards your total fee payment.

The UK/EU deposit is £500.

The International deposit is £2,000.

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

### 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](http://www.kcl.ac.uk/study) or contact us directly for the very latest information before you commit yourself to any of our courses.

### Contact us

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