

# Genes, Environment & Development in Psychology & Psychiatry MSc

Year of entry: 2019

Duration: one year

Study mode: full-time

[www.kcl.ac.uk/genes-environment-and-development-msc](http://www.kcl.ac.uk/genes-environment-and-development-msc)



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Our Genes, Environment & Development in Psychology & Psychiatry MSc course provides interdisciplinary training in a range of behavioural genetics topics and research methods relevant to psychology and psychiatry. You will study three required modules and undertake a research project on one of the broad range of subject areas that are considered fundamental to an understanding of behavioural genetics.

## Key benefits

- Offers specialised interdisciplinary graduate training in several subject areas and research methods.
- Taught by the Social, Genetic and Developmental Psychiatry (SGDP) Centre, a department recognised as a world-leader in the field of interdisciplinary studies in psychology, psychiatry and behaviour.
- Opportunity to attend the weekly SGDP Centre research seminars led by renowned researchers, such as Professor Francesca Happé, Professor Robert Plomin and Professor Sir Michael Rutter.
- Extensive collaborations within King's as well as with other universities.
- Study with students from diverse and rich backgrounds.
- Access to large sets of data for populations who have been studied and followed up over many years.

- Located in a beautiful modern building designed to foster interaction.
- An opportunity to use state-of-the-art molecular genetics laboratory which provides a complete suite of resources for research.



## Course details

Our interdisciplinary course covers the advances that have been made in behavioural genetics over recent years. It focuses on how genes and environments shape the development of normal and abnormal human behaviours, including cognitive ability, attention deficit hyperactivity disorder (ADHD), autism spectrum disorders (ASD), anxiety and depression and schizophrenia.

In addition to disorder characterisation and presentation of the genetic, social and other environmental risk factors, our course also covers the molecular mechanisms and the specialised analysis methods relevant to interdisciplinary research in this field. By focusing on current research in this area, our course will enhance your understanding of research methods and enable you to critically appraise the relevant scientific literature.

Our course also aims to provide a thorough grounding in a range of research methods and their application and to develop skills of critical evaluation, problem solving and intellectual rigour in order to carry out independent research. You will develop an awareness of the practical and ethical issues related to conducting, writing up and disseminating research and develop transferable skills and knowledge needed for a research career in academia or industry, or in science communication.

We seek to increase your knowledge and understanding of behavioural genetics and social development, especially if you wish to convert from your original degree discipline and to equip you to apply it in your future career choice, either in further postgraduate education (e.g. PhD) or employment related to the subject.

Many recent advances in behavioural genetics have been made with growing evidence for the role of genes in shaping our behaviour. The purpose of our course is to focus on how genes and environments influence the development of human behaviours, providing interdisciplinary training to students from a range of scientific backgrounds.

### 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)	Project work (hours)	Self-directed study (hours)	Total (hours)
Introduction to Genes, Environment & Development	30	5	5	-	260	300
Research Methods	70	10	80	-	440	600
Psychology & Psychopathology	30	5	5	-	260	300
Research Project	-	-	60	340	200	600

Typically, one credit equates to 10 hours of work.

### Assessment

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

Examination	Coursework
40%	60%

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:

- Introduction to Genes, Environment & Development (30 credits)
- Research Methods (general statistics, twin model fitting; molecular genetics; genetic association studies) (60 credits)
- Psychology & Psychopathology (developmental psychology; social development; psychosis and bipolar disorder, emotional/behavioural disorders, model systems) (30 credits)
- Research Project (60 credits)

#### Optional modules

There are no optional modules for this course.

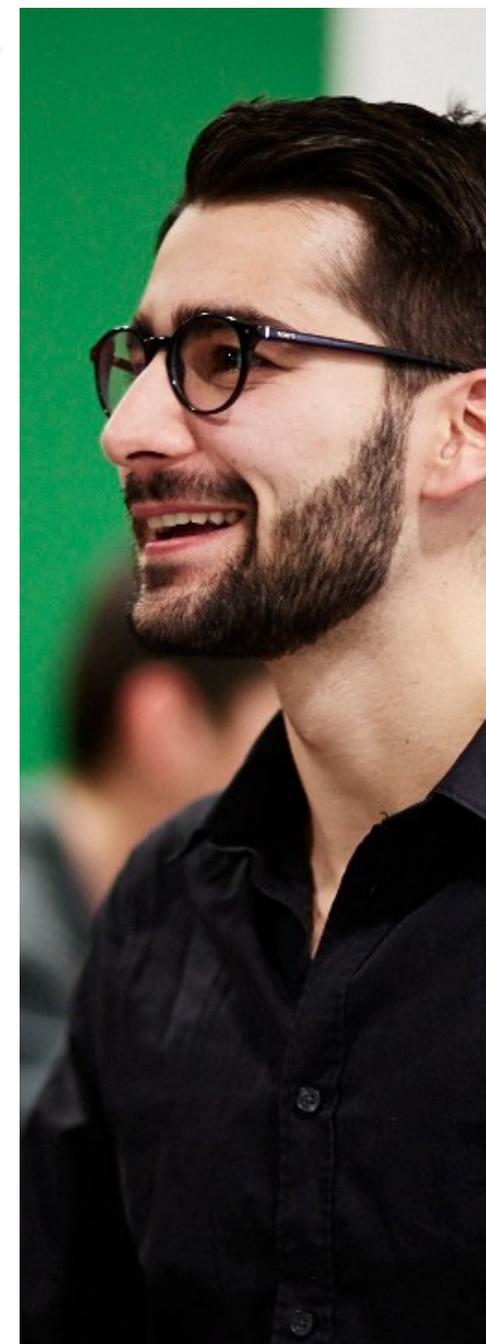
King's College London reviews the modules offered on a regular basis to provide up-to-date, innovative and relevant programmes of study. Therefore, modules offered may change. We suggest you keep an eye on the course finder on our website for updates.

### Location

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

### Career prospects

Our graduates go on to further full-time study in an academic research environment or in a taught clinical programme, gain employment in an academic, clinical or pharmaceutical organisation. Some students may enter scientific publishing.



## Fees and funding

### Full-time and part-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 and part-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 and part-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
- library fees and fines
- DBS checks
- 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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