Neuroscience is an exciting and emerging discipline, which seeks to understand the most complex organ in the body – the brain. Neuroscience is a modern, multidisciplinary subject. As such, it draws together knowledge and expertise from many areas of science, from molecular biology up to the psychological study of the mind.

This innovative qualification from King’s College London is 100% online and taught part-time over two years, so students can balance study alongside work and life commitments.

This postgraduate course will allow you to apply your neuroscience knowledge to real world settings. From the research lab to marketing and games design, the application of neuroscience has the potential to deepen your understanding of how the nervous system serves to drive our every thought, sensation and emotion.

The Institute of Psychiatry, Psychology and Neuroscience (IoPPN) is one of the leading providers of neuroscience education in the UK, and Europe’s largest centre for research and postgraduate education in psychiatry, psychology and basic and clinical neuroscience.

Our research centres are at the international forefront of this field, and we are world-renowned for the quality of our research.

The 100% online Applied Neuroscience Postgraduate Diploma and MSc course allows you to benefit from an innovative and contemporary curriculum, whilst learning from our world-leading scientists.

Key benefits

- The IoPPN at King’s at is Europe’s largest centre for research and postgraduate education in psychiatry, psychology and basic and clinical neuroscience.
- Based on the same site as the world-famous Maudsley Hospital, our links with industry ensure that we remain at the forefront of research and healthcare delivery.
- 100% of our research impact and research environment has been rated world-leading in the 2014 Research Excellence Framework.
- Learn from high profile academics who are leaders in their field.
- Six entry points throughout the year, 100% online and taught part-time over two years, so you can balance study alongside work and life commitments.
- All you need is a computer and an internet connection.
- Achieve a Postgraduate Diploma in 16 months and an MSc in two years.
- With small class sizes, you benefit from close instructor interaction and collaboration with other students from everywhere in the world.
The Applied Neuroscience MSc course provides a comprehensive and integrated exploration of our current understanding of the neuroscientific field, and will provide opportunities for students to develop specific interests in the applied neuroscience areas of psychiatric and neurodegenerative diseases, neuroimaging and how neuroscience can impact society.

This 100% online neuroscience course draws upon the wealth of research, education and clinical expertise and experience across the world-renowned IoPPN.

From this course you will:
• Gain a solid foundation of concepts and theories underpinning our current understanding of the neuroscientific and psychological foundations of mental health.
• Explore basic neuroscience techniques, and how they are used to study disease mechanisms and help improve treatments.
• Gain an understanding of how the brain develops, how it works and how this can relate to mental health problems by studying anatomy, wiring and the cellular makeup of the brain.
• Learn about the latest, cutting edge neuroscientific research being carried out at the IoPPN.
• Explore the psychological and neuroscientific basis of key mental health diagnoses.
• Develop an understanding of how studies on genes and proteins through to cells and neural networks can be used to understand the mechanisms underpinning neurodevelopmental and neuropsychiatric diseases.
• Understand how technological advances and cross-disciplinary expertise can enhance our understanding of brain function and aid treatment development.
• Get an insight into the ways neuroscience impacts social problems and behaviours.
• Acquire an advanced understanding of the scientific method in designing, developing and conducting academic research enabling the development of specialised research knowledge.
• Select two 15-credit optional modules depending on your area of interest.

Teaching
The following tables will give you an idea of what a typical academic year might look like as you progress through your studies:

Applied Neuroscience MSc

<table>
<thead>
<tr>
<th>Module</th>
<th>Lectures (hours)</th>
<th>Seminars/tutorials (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Foundations of Mental Health</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Techniques in Neuroscience</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Psychological Foundations of Mental Health</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Mental Health in the Community</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Contemporary Advances in Neuroscience</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Neurodevelopmental Disorders: From Bench to Bedside</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Research Skills: Research Integrity &amp; Ethics</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Research Skills: Reviewing &amp; Critical Analysis</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Research Skills: Methods &amp; Procedures</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Research Skills: Analysis and Reporting</td>
<td>25</td>
<td>15</td>
</tr>
</tbody>
</table>

Optional modules

<table>
<thead>
<tr>
<th>Module</th>
<th>Lectures (hours)</th>
<th>Seminars/tutorials (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social, Genetic &amp; Environmental Foundations of Mental Health</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Psychology &amp; Neuroscience of Affective Disorders</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Psychology &amp; Neuroscience of Psychosis</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Pharmacotherapy in Mental Health</td>
<td>25</td>
<td>15</td>
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<tr>
<td>Neuroimaging in Mental Health</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Neuroscience in Society</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Psychology &amp; Neuroscience of Addictions</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Child &amp; Adolescent Mental Health*</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Global Mental Health*</td>
<td>25</td>
<td>15</td>
</tr>
<tr>
<td>Mindfulness: Neuroscience &amp; Application*</td>
<td>25</td>
<td>15</td>
</tr>
</tbody>
</table>
Regulating body

King’s College London is regulated by the Higher Education Funding Council for England.

Course structure

Courses are divided into modules. You will normally take modules totalling 180 credits.

MSc

Required modules

- Biological Foundations of Mental Health (15 credits)
- Techniques in Neuroscience (15 credits)
- Psychological Foundations of Mental Health (15 credits)
- Mental Health in the Community (15 credits)
- Contemporary Advances in Neuroscience (15 credits)
- Neurodevelopmental Disorders: From Bench to Bedside (15 credits)
- Research Skills: Research Integrity & Ethics (15 credits)
- Research Skills: Reviewing & Critical Analysis (15 credits)
- Research Skills: Methods & Procedures (15 credits)
- Research Skills: Analysis & Reporting (15 credits)

Optional modules

- Psychology & Neuroscience of Addictions (15 credits)
- Psychology & Neuroscience of Affective Disorders (15 credits)
- Psychology & Neuroscience of Psychosis (15 credits)
- Pharmacotherapy in Mental Health (15 credits)
- Neuroscience in Society (15 credits)
- Child & Adolescent Mental Health* (15 credits)
- Global Mental Health* (15 credits)
- Mindfulness: Neuroscience & Application* (15 credits)

*Due to limited availability, selecting these modules will prolong your study period. Please contact the enrolment team on +44 (0)20 7848 7860 if you would like to explore these options further.

PG Dip

Required modules

- Biological Foundations of Mental Health (15 credits)
- Techniques in Neuroscience (15 credits)
- Psychological Foundations of Mental Health (15 credits)
- Mental Health in the Community (15 credits)
- Contemporary Advances in Neuroscience (15 credits)
- Neurodevelopmental Disorders: From Bench to Bedside (15 credits)
- Research Skills: Research Integrity & Ethics (15 credits)
- Research Skills: Reviewing & Critical Analysis (15 credits)
- Research Skills: Methods & Procedures (15 credits)
- Research Skills: Analysis & Reporting (15 credits)

Optional modules

In addition, you are required to take 30 credits from a range of optional modules which may typically include:

- Psychology & Neuroscience of Addictions (15 credits)
- Psychology & Neuroscience of Affective Disorders (15 credits)
- Psychology & Neuroscience of Psychosis (15 credits)
- Pharmacotherapy of Mental Health (15 credits)
- Neuroscience in Society (15 credits)
- Social, Genetic & Environmental Foundations of Mental Health (15 credits)
- Neuroimaging & Mental Health (15 credits)
Fees and funding

Fees are charged on a per-module basis. The MSc requires 12 modules and the PG Dip requires eight modules.

Beginning September 2017, modules will be charged at £1,365 per module. Module fees will rise on an annual basis each September in line with King’s College London’s terms and conditions.

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.

£1,365 and payment is due within one week of receiving the offer.

Deposit

Additional costs

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

- books if you choose to buy your own copies
- personal photocopies
- printing course handouts
- society membership fees
- stationery
- graduation costs.

Disclaimer

This PDF was produced in July 2017. Although it 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.

Contact us

Tel +44 (0)20 7836 5454