MSc in Epilepsy

Is the programme right for you? The MSc in Epilepsy is a unique course designed for students looking to acquire a solid background in all aspects of epileptology. This MSc is a multidisciplinary programme designed for health professionals (nurses, GPs, paediatricians, neurologists, psychiatrists, psychologists, neurophysiologists, EEG technologists, occupational therapists) and graduates with science degrees (eg. biomedical science, physics, chemistry, physiology).

What will you learn? The programme covers all topics related to human epilepsy, from fundamental neurobiological mechanisms to clinical aspects and psychosocial consequences. The programme includes practical experience in clinical or research departments of partnering hospitals.

The philosophy underlying this course is that caring for patients with epilepsy, and the research necessary to improve that care, depend on the application of a very wide range of disciplines.

The programme consists of four compulsory modules for diploma and two additional research modules for the MSc degree:

Module 1: Fundamental science
Module 2: Diagnosis of epilepsy
Module 3: Treatment and management of epilepsy
Module 4: Special topics, psychosocial and legal issues

Modules 5 and 6: Research Project (MSc only)

Course content includes: Introduction and Basic Principles; Pathology, Physiology and Neurochemistry of Epilepsy; Clinical Neuropsychology; Classification and Semiology; Natural History of Epilepsy; Genetics of Epilepsy; Neuroimaging; Differential Diagnosis; Epilepsy associated with other disorders; Medical Treatment; Special topics in the management of Epilepsy; Neuropsychology; Surgical treatment of Epilepsy; Psychiatric aspects; Social aspects; Epilepsy in the Third World; Healthcare and Epilepsy; Forensic aspects of Epilepsy.

How will you study? The programme will comprise six modules including weekly lectures, extracurricular activities and a dissertation.

Where will you study? Teaching takes place at the Institute of Psychiatry in Denmark Hill

How long is the programme and when does it start? The MSc in Epilepsy can be taken as one year full-time or two years part-time. Enrolment is in September and dissertations are submitted at the end of August.

What qualifications do you need to enrol? A university degree in scientific, biological or medical science subjects. English Language requirements are:

- IELTS: 7.0
- TOEFL: 600 paper-based
- TOEFL: 250 computer-based
- TOEFL: 100 internet-based

How do you apply or find out more?

For more information, please contact:
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Apply for a place online at www.iop.kcl.ac.uk/taught
**MSc in Epilepsy**

**Why study at the Institute of Psychiatry?**

The Institute of Psychiatry (IoP) is a school of King’s College London with an international reputation for both research and teaching in the sciences relevant to mental health. The UK authorities responsible for distributing public money to support teaching and research have awarded us the highest rating of 5* for the quality of our work.

Students at the IoP become part of a vibrant, interdisciplinary community dedicated to understanding the causes of brain disorders and to developing and evaluating new treatments. They have the opportunity to learn from some of the world’s most influential researchers and have access to first-class resources, including the largest library in Europe dedicated to psychiatry and its related disciplines.

“**The MSc in Epilepsy was a real turning point in my career. It was so exciting to gain an in-depth knowledge about epilepsy, and to build up the subject from basic principles. I enjoyed it enormously, I found it both stimulating and invigorating. I also completed a project which has been presented and published. Through the course, I made new friends and contacts. The things I have learnt are useful to me every day, and have given me a renewed enthusiasm in my daily work.”**

Heather Angus-Leppan, Consultant Neurologist

**Why choose the MSc in Epilepsy**

The Institute of Psychiatry is renowned for research into the diagnosis and surgical treatment of epilepsy. On feedback, graduates have said that the course has helped to enhance their professional and academic careers, and has helped them to acquire a much deeper understanding of the key issues involved in diagnosing and managing patients with epilepsy.

“As a nurse working in the primary care setting with people with epilepsy, undergoing this course has helped me understand the importance of good history taking and the relevance of this to treatment. This is a course I would highly recommend to nurses working with mental health patients.”

Catherine Adajevo, Senior Community Nurse, Adults with Learning Disabilities

**www.iop.kcl.ac.uk/courses**

The MSc in Epilepsy provides students with a unique combination of knowledge and practical skills in the diagnosis and management of patients with epilepsy. We draw on the clinical and research experience of a wide variety of experts from multiple institutions in the UK, together with a motivating learning environment and hands-on patient related activities and research dissertation, to ensure that the learning experience is of the highest quality, both in theoretical and applied aspects. Our graduates find the course helpful for progressing in their professional careers or in order to pursue a PhD in fields related to epilepsy.

Dr Gonzalo Alarcon
Programme Leader, MSc in Epilepsy