MSc Medical Neuroscience

[Medical Neuroscience, MSc - Swansea University](https://www.swansea.ac.uk/postgraduate/taught/medicine/medical-neuroscience-msc/) **New programme – September 2023**

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| **Tuition Fees:**January 2024: £23,050 or September 2024: £24,200 | **Entry points:**September and January **(In person only)** |
| **Suitable Academic Background:** minimum UK 2:1 degree [(check equivalencies for your country)](https://www.swansea.ac.uk/media/2023-Country-specific-information-for-international--EU-PG-applicants.pdf)* Biology/ Evolution biology
* Medical Sciences/ Physiology/ Anatomy/ Immunology/ Microbiology/ Genetics/ Biochemistry
* Psychology
* Pharmacology/ Pharmaceutical Sciences/ Toxicology
* Forensics
* Biotechnology/ Life Sciences
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| **English Language Requirement:** IELTS 6.5 with no less than 6.0 in all components (or Swansea University recognised equivalents) [Check Swansea University Approved Tests and Qualifications here](https://www.swansea.ac.uk/admissions/english-language-requirements/) |

***Suitable degree background as guidance – eligibility can only be confirmed once a full application has been received and reviewed.***

**What is this programme about?**

This programme is a taught postgraduate programme and will explore the theoretical and practical aspects of Medical Neuroscience using an integrated learning approach that utilises a mix of on-campus evidence-based teaching, online learning and key practical laboratory skills

* Medical Neuroscience is the study of the brain and nervous system
* This programme will examine the structure, function, chemistry and physiology of the brain and nervous system
* Better understanding of medical conditions relating to the nervous system and working as a framework for understanding human behaviour

Aim to develop and enhance specialist knowledge of Medical Neuroscience, including the investigation of the biology of the nervous system so students are able to generalise this biology to common situations in Medical Neuroscience, to be able to critically appraise current evidence for common topics in Medical Neuroscience.

**Important Things To Note**

* We are (Ranked 4th in UK) Top 5 for overall research quality (Research Excellence Framework 2021)
* 97% of our research outputs rated as world-leading or internationally excellent (Research Excellence Framework 2021)

**Modules within the Programme**

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| Foundations of Medical Neuroscience  | Laboratory Measurement Techniques for Medicinal Chemistry and Nanomedicine |
| Advanced Learning, Memory and Cognition | Contemporary Issues in Medical Science |
| Medical Neuroanatomy | Science Communication |
| Neurodegeneration and Repair | Postgraduate Taught Masters Dissertation |

**Employability Opportunities:**

* This course has been designed to provide students with a challenging, but enriching, academic experience that is geared towards developing a career in Medical Neuroscience and the Life Science sectors.
* Design to equip graduates with the attributes and abilities to undertake continued study, highly skilled employment or gain access to the professions. This will include healthcare, Medical Neuroscience and life sciences in Wales and beyond.
* Aims to produce well-rounded, highly skilled, and knowledgeable scientists with transferable professional practice attributes, providing strong foundations that could improve employment prospects and prepare you for life-long learning via continued professional development.