MSc Biomedical Science (Clinical Biochemistry)

[Biomedical Science (Clinical Microbiology), MSc / PGDip - Swansea University](https://www.swansea.ac.uk/postgraduate/taught/medicine/biomedical-science-clinical-microbiology-msc-pgdip/)

|  |  |
| --- | --- |
| **Tuition Fees:**  January 2024: £18,900 or September 2024: £19,850 | **Entry points:**  September and January **(In-person only)** |
| **Suitable Academic Background:** minimum UK 2:2 degree [(check equivalencies for your country)](https://www.swansea.ac.uk/media/2023-Country-specific-information-for-international--EU-PG-applicants.pdf)   * Biochemistry / Chemistry * Biotechnology/Microbiology * Genetics/ Medical Genetics * Clinical or Medical Laboratory Science/ Technology * Forensic Science * Medicine/ Nursing * Human Biology/Human Physiology/Human Anatomy * Pharmacy * Public Health Laboratory | |
| **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 the Programme about?**

* Biomedical Science is the integrative scientific study of biological issues related to the support of the diagnosis and treatment of various conditions that affect people's quality of life.
* This course will explore the theoretical and practical aspects of Clinical Biochemistry within the context of the diagnostic and investigative discipline of Biomedical Science
* Biomedical Scientists are at the heart of healthcare – in diagnosis and treatment, monitoring and preventing diseases, and research and innovation.
* This is a well-recognised, evidence inform and valued profession that encompasses a holistic and lifespan approach to the provision of diagnostic, assessment and intervention.
* Strong emphasis on practical and analytical skills that is applicable in the workplace.

**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)

**Accreditation**

* This course is not currently accredited by the Institute of Biomedical Science (IBMS) – Faculty working through the process. IBMS is a UK only body for the accreditation of UG courses that lead to graduates to become registered with the Health Care Professional Council (HCPC) in order to work in the NHS in the UK. IBMS do not accredit for Biomedical Scientists outside the UK.
* This programme is currently mapped to the educational requirements for IBMS Self-Registration Portfolio Route. International graduates on this programme can apply via this route [IBMS Self-Registration Portfolio (with Certificate of Competence)](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ibms.org%2Feducation%2Fregistration-portfolio%2F&data=05%7C01%7CC.Wu%40Swansea.ac.uk%7Cdd578388956e4580871f08dab747b227%7Cbbcab52e9fbe43d6a2f39f66c43df268%7C0%7C0%7C638023815792958685%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=CkfVWr383JNwmJCZdwqr37iad4Dl5AAcrTo73Y%2BdRKw%3D&reserved=0) to become HCPC registered.

**Modules within the Programme**

|  |  |
| --- | --- |
| [Introduction to Biomedical Science Practice in Health Care](https://intranet.swan.ac.uk/catalogue/default.asp?type=moddetail&dept=any&mod=PMBM02&ayr=23%2F24&psl=TB1&detailOnly=false) | [Fundamentals of Biomedical Science](https://intranet.swan.ac.uk/catalogue/default.asp?type=moddetail&dept=any&mod=PMBM03&ayr=23%2F24&psl=TB1%2B2&detailOnly=false) |
| [Laboratory Measurement Techniques for Medicinal Chemistry and Nanomedicine](https://intranet.swan.ac.uk/catalogue/default.asp?type=moddetail&dept=any&mod=PMLM01&ayr=23%2F24&psl=TB1&detailOnly=false) | [Professional Practice Development 1](https://intranet.swan.ac.uk/catalogue/default.asp?type=moddetail&dept=any&mod=PMPD01&ayr=23%2F24&psl=TB1&detailOnly=false) |
| [Clinical Biochemistry for Biomedical Scientists](https://intranet.swan.ac.uk/catalogue/default.asp?type=moddetail&dept=any&mod=PMCB01&ayr=23%2F24&psl=TB2&detailOnly=false) | [Professional Practice Development 2](https://intranet.swan.ac.uk/catalogue/default.asp?type=moddetail&dept=any&mod=PMPD02&ayr=23%2F24&psl=TB2&detailOnly=false) |

**Employability - examples of roles after graduation**

* Trainee Clinical Scientist
* PhD, Academia
* Research Assistant