Applied Medical Sciences, BSc (Hons)

[Applied Medical Sciences, BSc (Hons) - Swansea University](https://www.swansea.ac.uk/undergraduate/courses/medicine/applied-medical-sciences-bsc-hons/)

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| **Duration:** 3 years full-time  **Tuition Fees:** Year 1 £21,650 (September 2024)  *Please note that tuition fees are subject to an increase of 3% each year.* [*Info here*](https://www.swansea.ac.uk/international-students/my-finances/) | **Entry Points:**  September **(In person only)** |
| **Entry Requirements:** ([Check Equivalencies for your Country](https://www.swansea.ac.uk/media/Non-EU-entry-requirements-2018.pdf))   * A Level AAB – BBB including Biology and/or Chemistry with a second STEM subject (i.e. Physics, Maths, Psychology) – Foundation year available * IB 32-34 including HL6 in Biology and/or Chemistry with HL6 in a second STEM subject. * Minimum of grade C at GCSE (or equivalent) in Maths | |
| **English Language Requirement:** IELTS 6.0 with no less than 5.5 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 entry requirements as guidance – eligibility can only be confirmed once a full application has been received and reviewed.***

**Important things to note:**

* We are Ranked 7th in the UK for Anatomy and Physiology, 2nd for Graduate Prospects and 4th for Research (Times 2023).
* **This degree is a Pathways to Medicine programme**. Students on this program will have the opportunity to secure a guaranteed interview to the Graduate Entry Medicine program providing they have completed the relevant employability pathway (Medical Science in Practice) and meet the minimum entry requirements at the time of applying.
* This program encourages excellent research & communication skills, incorporating lectures, seminars, practical laboratory sessions, independent learning, and working in small groups.

**What is this programme about?**

* A comprehensive range of topics, including human anatomy and physiology, cell biology, genetics, pharmacology, and neuroscience, together with their clinical/applied relevance.
* Develop an in-depth understanding of how the human body works, what happens when it goes wrong, how we currently treat disorders, and the potential for novel therapeutics.

**Example Topics Within the Programme:**

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| Year One:   * Human Physiology * Human Anatomy * Introduction to Medical Psychology * Anatomy | Year Two:   * The Cardiovascular System * Communicating Medical Sciences * Neuroscience * Human Immunology | Year Three:   * Being a Medical Scientist * Human Biology & the Environment * Nanotoxicology * Capstone Project (Research/ Lab) |

**Employability – Example of roles after graduation:**

* Academia
* Pharmaceutical Industry
* Health Professionals i.e. Graduate Entry Medicine, Physician Associate
* Biotechnology
* Drug Development
* Clinical Trials
* Research and Development