

Foundation to Human and Animal Health Professions (Medicine) (Year 0) MBChB

COURSE DETAILS

- UCAS code: 789S
- Study mode: Full-time
- Length: 6 years

KEY DATES

- Apply by: [29 January 2025](#)
 - Starts: 22 September 2025
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Course overview

A year zero foundation programme, designed for mature students who have typically been out of formal education for some time or who have taken non-traditional qualifications, which leads to access onto a Medicine and Surgery MBChB programme.

INTRODUCTION

The University of Liverpool, in collaboration with local FE partners, has developed a year zero foundation programme for Home students that leads to access onto a variety of vocational Health Studies programmes. Our Foundation to Human and Animal Health Professions (Medicine) course is for students seeking entry to undertake the Medicine and Surgery MBChB (A100) programme.

Students seeking entry to Medicine will study a foundation year (year zero) at [Carmel College, St Helens](#), about nine miles from the university campus, where the class sizes are small and the standards of academic achievement high before joining the Medicine programme on the University of Liverpool campus in year one following successful completion of the foundation year.

This programme is specifically targeted at Home mature and non-traditional students, who typically have taken a break from studies.

Please note that we will not consider applications from prospective students who have multiple UCAS applications for a variety of programmes, as this does not demonstrate a clear commitment.

WHAT YOU'LL LEARN

- Skills needed for independent study at undergraduate degree level
 - Undertaking a variety of learning methods and assessment tasks
 - A breadth of patient-focused practical experience in a region with a particularly diverse population
 - Necessary knowledge, skills and professional behaviours to safely and ethically practice medicine
 - Ability to meet the core requirements set out by the General Medical Council
 - Become a lifelong learner committed to professional development
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ROUTES

- [Medicine and Surgery](#) MBChB
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Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

YEAR ZERO

In all modules at year zero, the study skills needed for independent study at undergraduate degree level are developed. Students are also introduced to a variety of learning methods, such as formal taught sessions, workshops and practical laboratory sessions, as well as a variety of assessment tasks, such as written assignments, in class data handling, written and practical examinations to provide a good grounding for vocational programmes.

There are some shared modules for all students, and then route specific modules to ensure the students are prepared for their chosen undergraduate programmes.

COMPULSORY MODULES

BIOLOGY FOR HEALTH STUDIES 1 (HEAL001)

Credits: 22.5 / Semester: semester 1

This first semester module is part of the one year Foundation to Human and Animal Health Professions programme and aims to facilitate knowledge and understanding of the basic structure and function of the mammalian body at a cellular level which is required before students study HEAL002 Biology for Health Sciences 2 in semester 2. It is designed for all routes through the programme to include Allied Health Professions, Nursing, Medicine, Dentistry, Dental therapy and Veterinary Science.

It can be delivered either face to face or through a blended approach using small group e-lectures and e-tutorials based upon DoFE guidelines at the time of delivery. Support tutorials will be offered alongside laboratory teaching sessions onsite to promote development of practical skills relevant to the biological sciences and independent learning strategies. The module is assessed by continuous coursework based on the practical laboratory skills and an end of semester multiple choice examination to assess knowledge of structure and function of mammalian cells.

BIOLOGY FOR HEALTH STUDIES 2 (HEAL002)

Credits: 22.5 / Semester: semester 2

This second semester module is part of the one year Foundation to Human and Animal Health Professions programme and is designed to build on the knowledge and understanding of mammalian cells developed in the semester 1 HEAL001 Biology module. It is delivered to all students on the programme to include Allied Health professions, Nursing, Medicine, Dentistry, Dental Therapy and Veterinary Science routes. The module introduces the student to more complex physiological processes in mammals and to some aspects of gross mammalian anatomy. The module can be delivered either face to face or using a blended approach with some face to face and small group e-lectures, as well as on-site tutorials to include laboratory work which develops practical skills relevant to the biological sciences and promotes independent learning strategies. The mode of delivery will depend upon DoFE guidance. The module is assessed by coursework and an end of semester written examination to assess knowledge of the systems explored.

CHEMISTRY FOR MEDICINE/DENTISTRY 1 (HEAL008)

Credits: 22.5 / Semester: semester 1

This first semester module forms part of the Foundation to Human and Animal Health Professions programme that has ten different professional routes leading to a clinical career. HEAL008 Chemistry for Medicine & Dentistry 1 is designed specifically for students on the Medicine, Dentistry and Dental Therapy routes and facilitates their knowledge and understanding of the basic concepts associated with the subject. It prepares students for HEAL009 Chemistry for Medicine & Dentistry 2 delivered in semester 2, further study on their chosen professional degree and supports application in their clinical practice eg when prescribing medicines. The material can be delivered either face to face or through a blended approach using lectures/e-lectures, tutorial/e-tutorials and on-site practical sessions in the laboratory to develop practical skills. The delivery mode is subject to change and DoFE guidance.

The module has two elements of assessment: on-going coursework comprised of a series of reports based upon onsite laboratory tasks, and an end of semester unseen written examination.

CHEMISTRY FOR MEDICINE/DENTISTRY 2 (HEAL009)

Credits: 22.5 / Semester: semester 2

This second semester module forms part of the Foundation to Human and Animal Health Professions programme that has ten professional routes leading to a vocational degree and a clinical career. The module builds on HEAL008 Chemistry for Medicine and Dentistry 1 delivered in semester 1 and explores more complex chemical interactions. It is designed specifically for the Medicine, Dentistry and Dental Therapy routes.

The module facilitates knowledge and understanding of the foundations of Chemistry and expands on the chemical concepts previously introduced, as well as introducing new more complex aspects associated with the subject. The material can be delivered either face to face or using a blended approach through lectures/e-lectures, tutorials/e-tutorials and on-site practical sessions in the laboratory. The mode of delivery will follow DoFE guidelines in place at the start of the academic year.

This module has two elements of assessment: on-going Coursework comprising a series of practical experiments written up as lab reports presented in a log book, and an end of semester unseen written examination .

FOUNDATIONS OF PROFESSIONAL STUDIES (HEAL005)

Credits: 15 / Semester: whole session

This module forms part of the Foundation to Human and Animal Health Professions programme and is delivered over both semester one and semester two. All students take this module, apart from those on the Veterinary Science route who have their own professional studies module (HEAL012). The foundation route has ten health professional pathways leading to a vocational career where an understanding of health and social care is essential. This module is designed to introduce the Allied Health, Nursing, Medicine, Dental and Dental Therapy students to the health and social care environment and the issues currently faced within it. In addition it supports the development of study skills that will support students throughout their degree and into their professional careers.

The module is partly assessed through a reflective portfolio which can be carried forward throughout their degree and into clinical practice. Students will also create an assessed presentation on a topic that interests them and deliver it to their peers. This is an essential skill in health related careers where presentation of research findings at conferences is common.

Relevant topics to support development of the portfolio and presentation are delivered through interactive lectures, small group discussions, seminars and practical sessions. The module contains compulsory elements such as a background to reflective practice and the use of portfolios; reflective assignments based upon the student's own learning experiences and a short essay exploring the health and social care environment through research of published work. This final task demonstrates the students research skills that are essential moving forward in their studies.

A formative assessment opportunity is in place at the end of semester one to ensure a student has feedback on their work to feed forward into semester two and aid completion. The portfolio is submitted in electronic format using the University of Liverpool electronic platforms. The presentation is delivered either face to face or via a virtual learning platform.

HEALTH AND SOCIAL CARE FOR MEDICINE/DENTISTRY (HEAL010)

Credits: 15 / Semester: semester 1

This first semester module forms part of the Foundation to Human and Animal Health Professions programme that has ten professional routes leading to a vocational degree and a professional clinical career. It is designed specifically for students taking the Medicine, Dentistry and Dental therapy routes on the programme.

As a subject discipline, Health and Social Care combines elements of sociology, psychology, biology, nutrition, law and ethics, and is therefore a relevant area to include in this programme.

The module complements information delivered in HEAL001 Biology 1 by giving additional context within the UK healthcare provision and linking to the other elements described above. It aims to help students understand issues such as what 'health' is, how it can be assessed/measured, and the many biological, psychological, environmental and ethical factors that can influence the health of individuals in a negative or positive way. In addition the principles and importance of National Health Promotions in educating people to change behaviours for the betterment of their health are explored.

It can be delivered either face to face or using a blended approach through on-site interactive lectures and e-lectures using a suitable platform such as Zoom.

It is assessed by Coursework and a presentation.

Programme details and modules listed are illustrative only and subject to change.

HOW YOU'LL LEARN

The School uses an integrated teaching model. The learning of medical sciences is enhanced by the clinical context of a systems-based approach. The development of understanding of clinical practice is supported by a 'just in time' model of academic weeks that relate to each clinical placement and case-based teaching within each placement. Specialist clinical centres from across the region provide students with a wide range of exceptional placement experiences during which students complete structured learning activities as well as taking advantage of near patient learning opportunities.

The School is at the forefront of technology enhanced learning, utilising mobile learning, virtual reality, simulation and a personalised e-portfolio to provide our students with the best possible experience and prepare them for the technological developments that will shape their future careers in healthcare.

We take the development of clinical leaders seriously and use a programme of experiential learning opportunities to develop students' leadership and followership skills in a range of situational contexts.

The remainder of the course is delivered using a mix of interactive and didactic lecturing; case based learning, small group teaching, clinical skills and simulation workshops, Human Anatomy Resource Centre (HARC) sessions, communication skills practicals and a staged programme of research skills development.

The breadth of learning and teaching activities used within the Medical School ensures students have the underpinning knowledge and skills to become the safe clinical practitioners of tomorrow.

HOW YOU'RE ASSESSED

Both formative and summative assessment take place within the programme. There is an emphasis on assessment for learning through the use of subject specific tests such as quizzes, anatomy spotters and formative Objective Structured Clinical Examinations (OSCEs).

Summative assessment takes place at the end of each year and includes written papers and practical exams in the form of OSCEs and LOCAS.

We use technology to facilitate online marking and annotated feedback of written assignments, deliver formative online tests for students at the end of each teaching block and collate and deliver OSCE data, providing students with more useful feedback as a result.

A bespoke electronic portfolio, integrated throughout the curriculum provides students with a personalised learning space where they can collect evidence and develop their skills through reflective activities. The e-portfolio charts the student learning journey over the course of the programme.

LIVERPOOL HALLMARKS

We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.

Careers and employability

Our programmes are for individuals who wish to become qualified medical practitioners. A diverse range of careers are open to you as a medical graduate, varying from medical science, perhaps laboratory-based research, through public health and the development of health care strategies to clinical practice in the hospital and community.

The programme offers considerable opportunities for students to learn, to practise and to be assessed in the following key (transferable skills):

- Adopt the principles of lifelong learning
- Retrieve, manage and manipulate information by all means, including electronically
- Present information clearly in written, electronic and oral forms, and communicate ideas and arguments effectively
- Effectively manage time and resources and set priorities
- Apply the principles of scientific research and audit
- Study topics in depth
- Deal with uncertainty and work within a changing environment
- Teach effectively and act as a mentor to others
- Work effectively within a team.

99% OF MEDICAL STUDENTS AT THE UNIVERSITY OF LIVERPOOL FIND THEIR MAIN ACTIVITY AFTER GRADUATION MEANINGFUL.

Graduate Outcomes, 2018-19.

Fees and funding

Your tuition fees, how to pay, and other costs to consider.

TUITION FEES

UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)	
Full-time place, per year	£9,250
Foundation year fee	£7,500
Year in industry fee	£1,850
Year abroad fee	£1,385

International fees
This course is not available to international students.

Following the foundation years, standard course fees apply.

Fees shown are for the academic year 2024/25. Please note that the Year Abroad fee also applies to the Year in China.

Tuition fees cover the cost of your teaching, assessment, operating University facilities such as libraries, IT equipment, and access to academic and personal support.

ADDITIONAL COSTS

There are additional study costs to consider, such as replacement scrubs and lab coats, travel costs for placements, and equipment such as stethoscopes.

Find out more about the [additional study costs](#) that may apply to this course.

SCHOLARSHIPS AND BURSARIES

We offer a range of scholarships and bursaries to provide tuition fee discounts and help with living expenses while at university.

Check out our [Liverpool Bursary](#), worth up to £2,000 per year for eligible UK students. Or for international students, our [Undergraduate Global Advancement Scholarship](#) offers a tuition fee discount of up to £5,000 for eligible international students starting an undergraduate degree from September 2024.

[Discover our full range of undergraduate scholarships and bursaries](#)

Entry requirements

The qualifications and exam results you'll need to apply for this course.

CLINICAL ENTRY REQUIREMENTS

Please view the [2023 Foundation to Human and Animal Health Professions entry requirements](#).

Your qualification	Requirements About our typical entry requirements
A levels	<p>This programme is designed for mature students who have typically been out of formal education for some time (5 years and above) or who have taken non-traditional qualifications.</p> <p>Please note that we will not consider A-Level students or School Leavers. However, consideration may be given to candidates who studied some time ago.</p> <p>In order to give all applicants an equal opportunity, applicants who have been rejected following an interview will not normally be considered again</p> <p>Consideration will be given to extenuating circumstances that warrant candidates applying with more recent qualifications on a case-by-case basis.</p>
GCSE	5 GCSE Grade 6 (B) to include Maths, English Language, single Science to include Biology and /or Chemistry or (dual combined science).
BTEC Level 3 National Extended Diploma	Students currently studying BTEC level 3 will not be considered; BTEC level 2 will not be accepted in lieu of GCSE
International Baccalaureate	Applicants currently studying for International Baccalaureate will not be considered
Irish Leaving Certificate	Applicants currently studying for Irish Leaving Certificate will not be considered

Your qualification	Requirements About our typical entry requirements
Scottish Higher/Advanced Higher	Applicants currently studying for Scottish Highers will not be considered
Welsh Baccalaureate Advanced	Applicants currently studying for Welsh Baccalaureate will not be considered
Graduate application	Applicants offering a minimum of 2:1 Hons degree are unlikely to be eligible to apply to this route and are encouraged to apply to the A101 MBChB (4 year) programme.
Access	Applicants currently studying for an Access Diploma will not be considered. Mature students who have recently studied an access course (that is not eligible for direct entry) or have work- related qualifications will be considered.
Declaration of criminal background	Applicants may be expected to complete either a Declaration of Criminal Background or have a full Disclosure Barring Service check as part of their application.
Disability information	Additional support is given to students who have declared a disability on their UCAS application.
Work Experience Requirements	Evidence of knowledge and insight into the profession with emphasis on learning from work experience/observation is required. NB: Further details on specific work based experience requirements is available on the relevant degree programme pages.
International qualifications	Many countries have a different education system to that of the UK, meaning your qualifications may not meet our direct entry requirements. Although there is no direct Foundation Certificate route to this course, completing a Foundation Certificate, such as that offered by the University of Liverpool

Your qualification	Requirements About our typical entry requirements
	International College , can guarantee you a place on a number of similar courses which may interest you.

ALTERNATIVE ENTRY REQUIREMENTS

- If your qualification isn't listed here, or you're taking a combination of qualifications, [contact us](#) for advice
 - [Applications from mature students](#) are welcome.
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THE ORIGINAL

REDBRICK