

Programme Information		
Programme Title	Programme Code	HECoS Code
Graduate Entry Medicine	A102	For Registry Use Only

Award	Length of Study	Mode of Study	Entry Point(s)	Total Credits	
				ECTS	CATS
MBBS	4 Calendar Years (48 months)	Full-Time	Annually in August/September	240	480

Note that there are no exit awards for this programme.

Ownership			
Awarding Institution	Imperial College London	Faculty	Faculty of Medicine
Teaching Institutions	Imperial College London and University of Cumbria	Department	School of Medicine
Associateship	Diploma of Imperial College (DIC)	Main Location(s) of Study	University of Cumbria, Carlisle Campus

External Reference	
Relevant QAA Benchmark Statement(s) and/or other external reference points	QAA defers to the Professional, Statutory and Regulatory Bodies (PSRB) for many subjects, including medicine. The PSRB for medicine is the General Medical Council. General Medical Council: Outcomes for Graduates (2018): https://www.gmc-uk.org/education/standards-guidance-and-curricula/standards-and-outcomes/outcomes-for-graduates/outcomes-for-graduates General Medical Council Medical Licensing Assessment: https://www.gmc-uk.org/education/medical-licensing-assessment/uk-medical-schools-guide-to-the-mla
FHEQ Level	Level 7
EHEA Level	2nd Cycle
External Accreditor(s) (if applicable)	
External Accreditor 1:	General Medical Council
Collaborative Provision	

Collaborative partner	Collaboration type	Agreement effective date	Agreement expiry date
University of Cumbria	Collaborative Imperial Award	August 2023	Ongoing
Specification Details			
Programme Lead		Professor Mary Morrell	
Student cohorts covered by specification		2026-27 entry	
Date of introduction of programme		August 25	
Date of programme specification/revision		August 24	

Programme Overview

The Pears Cumbria School of Medicine (PCSM) is a partnership between the University of Cumbria and Imperial College London with an emphasis on improving health outcomes in Cumbria and the North West of England. The aim of the School is to train doctors who are embedded in their local community and ready to contribute to health services across the region and beyond.

Our vision is to be a collaborative and inclusive, innovative and research-informed medical school. Our graduates will be skilled clinicians, who are adaptable and focused on the delivery of safe and sustainable, high-quality and person-centred care to improve health outcomes for the people of Cumbria.

PCSM Graduate Attributes

- **Adaptable and pragmatic with a solution focus:** having the ability to adapt and apply knowledge to different environments, circumstances or challenges, adjusting according to the specific needs of the situation. They will work towards practical solutions that are sustainable and supportive of patients, colleagues and system factors.
- **Empathic, inclusive and reflective:** having the ability to understand, share and respond to the feelings and needs of others.
- **Enquiring and seeking improvement, using a research-informed and creative approach across traditional and digital domains:** having the knowledge, ability and training to perform activities and tasks well; informed by academic study, enquiring about the local environment, approaching challenges with curiosity, critical thinking and creativity.
- **Having a strong identity within the team:** having the ability to understand, share and respond to the feelings and needs of others.

A bespoke 4-year MBBS programme has been developed to reflect our vision, and to enable you to acquire these attributes. The programme also mirrors the NHS Constitution: "Working together for patients, respect and dignity, everyone counts, commitment to quality of care, compassion and improving lives".

Years 1 and 2 focus on the integration of medical science and clinical knowledge, while supporting you to build the professional values and behaviours needed to practise medicine. You will also examine the contributing factors to health and healthcare delivery, and explore the application of research and healthcare data. Additionally, you will develop clinical and communication skills, and practical procedural skills. Years 3 and 4 centre on preparation for practice as a Foundation Doctor in the NHS. Early in the programme, you will undertake a range of clinical placements and simulation in primary and secondary care settings across North and South Cumbria. Towards the end of the programme, you will undertake a period of pre-foundation assistantship during which you will be embedded in a clinical team locally and an elective, where you will organise your own extended placement, either in the UK or abroad.

On successful completion of the programme, you will graduate with a Bachelor of Medicine and Bachelor of Surgery (MBBS), awarded by Imperial College London, as a Primary Medical Qualification (PMQ). This is one of the key requirements to practise as a doctor in the UK. The GMC has introduced a Medical Licensing Assessment (MLA) to demonstrate that those who obtain registration, with a licence to practise medicine in the UK, meet a

common threshold for safe practice. Applicants should be aware that to obtain registration with a licence to practise, they will need to pass both parts of the MLA, obtain the primary medical qualification and demonstrate their fitness to practise Medicine.

Learning Outcomes

The Programme Intended Learning Outcomes are derived from GMC *Outcomes for Graduates* (2018).

At the end of this programme, you will be able to:

- Demonstrate the professional values, behaviours and responsibilities of a doctor, putting the patient at the centre of all decision-making.
- Apply ethical, professional conduct and legal principles to patient care and research.
- Demonstrate intellectual curiosity, manage uncertainty and ambiguity, and recognise, evaluate and deal with complexity in professional settings.
- Demonstrate self-awareness and reflective practice and will have developed the skills and strategies to support your own practice and wellbeing.
- Describe the anatomy and physiology of the human body at all stages of life in health and disease.
- Describe the human body, at all stages of life, as a complex biological network of interconnected components (molecules, cells, tissues, organs).
- Explain the pathophysiology of common diseases and apply this to support a clinical diagnosis and formulate a management plan.
- Elicit patient-centred case histories and carry out appropriate physical and mental state examinations and procedural skills safely and sensitively.
- Synthesise the findings from history, examination and investigations to propose a diagnosis, and develop a shared management plan for physical and mental health presentations and conditions.
- Explain the pharmacology of common medications and demonstrate the safe and effective prescription, monitoring and review of pharmacological and non-pharmacological interventions.
- Apply psychosocial principles to patient care.
- Apply the concepts of quality improvement, patient safety and safeguarding to clinical care.
- Effectively participate in multidisciplinary teams and demonstrate leadership skills where appropriate, recognising the boundaries of own competency.
- Communicate effectively, openly and sensitively, with due regard for confidentiality, through a range of media in professional settings.
- Explain the NHS models of healthcare delivery and pathways in the United Kingdom.
- Consider the impact of social context on health and apply the principles of population health to the prevention of illness and the promotion of health.
- Demonstrate continuous multiprofessional learning and commitment to evidence-based practice.
- Apply knowledge of the research pathway to appraise clinical research.

The Imperial Graduate Attributes are a set of core competencies which we expect students to achieve through completion of any Imperial College degree programme. The Graduate Attributes are available at:

<https://www.imperial.ac.uk/about/education/our-graduates/>

The Pears Cumbria School of Medicine Graduate Attributes are listed above.

Entry Requirements	
Academic Requirement	A grade 2:1 (or above) in a Biosciences or Allied Healthcare degree. No GCSE & A-level requirements. Examples of acceptable UK biological or allied health professional subjects include: • Anatomy/Anatomical Science • Biochemistry • Bioengineering • Biology • Biomedical/Healthcare Science • Cell and/or Molecular Biology • Dietetics and Nutrition • Dentistry • Genetics • Health & Social Care • Microbiology • Midwifery • Neuroscience • Nursing • Physiotherapy • Paramedic Practice/Science • Pharmacy • Pharmacology • Physiology • Psychology • Public Health • Radiography • Sports Science/Rehabilitation • Occupational Therapy/Health • Veterinary Science/Medicine This list is not intended to be exhaustive. If your degree title is not listed or was awarded by an institution outside the UK, you are advised to contact the admissions team to check suitability.
Non-academic Requirements	PCSM has the discretion to use the contents of your UCAS form, including personal statements, to determine shortlisting of applicants at the thresholds of UCAT/GAMSAT scores. The UCAS personal statement will be used to support multiple mini-interviews (MMIs). Relevant information including insight into a career in medicine in Cumbria, evidence of experience and reflection in a caring environment, evidence and reflection of personal responsibility, evidence of teamwork and leadership experience, evidence of a balanced approach to life and evidence of self-directed learning, will form part of the interview discussion. Currently, PCSM only accepts applications from prospective students who do not require a visa to study in the UK.
English Language Requirement	Higher Requirement: https://www.imperial.ac.uk/study/apply/english-language/ Students with a degree from the UK or one of a number of other English speaking countries are exempt from the English language requirement:

	https://www.imperial.ac.uk/study/apply/english-language/english-language-exemption/
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Admissions Test

All applicants are required to sit either the University Clinical Aptitude Test (UCAT) or the Graduate Medical School Admissions Test (GAMSAT).

The GAMSAT must be taken within the 48 months prior to the applicant's UCAS submission date. The UCAT must be taken in the same year as the applicant's UCAS submission date (normally between July and September in the application year). The results will be made available to the admissions team in the November prior to the applicant's intended entry to the programme.

Applicants who meet the academic threshold are ranked based on their test scores. Test cut-off scores are calculated each year, as a result of ranked candidate test scores versus number of expected interview sessions. As a result, the absolute cut-off for both GAMSAT and UCAT changes each year.

Adjustments for students from widening participation backgrounds

We strongly welcome applications from candidates with widening participation backgrounds. The programme's academic requirements have been designed to widen access.

Candidates who meet Imperial's contextual admissions criteria are required to meet a lower minimum threshold score for invitation to interview (a contextual score) in the UCAT or GAMSAT admissions tests. The thresholds for previous admissions cycles are published on <https://cumbriamed.ac.uk>

Information about who is eligible for consideration is available here: <https://www.imperial.ac.uk/study/apply/undergraduate/process/admissions-schemes/>

Selection of candidates for interview

Providing that applicants have met (or are predicted to meet) the Academic Requirement, candidates will be ranked and shortlisted for interview according to their Admissions Test scores.

Interviews

Multiple-Mini interviews (MMIs) may be conducted in a blended format with a mixture of in person and asynchronous interviews.

MMI stations will seek to assess candidates across the following areas:

- Commitment to medicine and understanding the role of a doctor
- Potential to contribute to the medical school and the region
- Teamwork and leadership
- Ethics
- Empathy
- Resilience and adaptability

In line with Department of Health and Social Care guidelines, our admissions policy is not restricted to residents of Cumbria and it promotes equality and fairness for prospective students nationally. Domestic students from other parts of the UK are encouraged to apply. During the MMI, candidates who do not have links with local area will be assessed on their understanding of and interest in improving health outcomes for the people of Cumbria.

Work and experience with service-users is strongly recommended and will be assessed during interview, together with other information in the personal statement.

Learning & Teaching Approach

Learning and Teaching Delivery Methods

Years 1 and 2 will be delivered through a mixture of interactive large and small group teaching, including the sessions that will require preparatory work before attending face to face teaching. Learning event format(s) will include interactive lectures, team-based and skill-based learning, simulation learning, tutorials, reflective practice and situational learning such as clinical placements. Some teaching will be delivered by multiprofessional case studies, which will enable you to integrate your scientific and clinical knowledge across different health care settings. You will also undertake a community-based project that will involve research skills and group work.

Patient contact will be through meeting patients in a range of settings, which may include their own home, general practice and hospital settings, and within a range of community health providers. In Year 2, the clinical placements will be extended to include longer placements in primary care, hospital-based medicine and surgery placements. Learning during clinical placements will be consolidated during campus-based teaching.

In Years 3 and 4, you will undertake clinical placements in clinical specialties, medicine and surgery, based in the hospital and community settings. These placements are designed facilitate the integration of learning within the medical school and the clinical settings, to prepare you for practice as an NHS Foundation Doctor. In addition to being embedded in clinical teams, a range of structured teaching and simulation sessions will be provided to give added experience of unfamiliar situations, managing uncertainty and to enable practise in making decisions.

Following the Medical Licensing Assessment, there will be the preparation for practice component, at the end of Year 4. This will contain a pre-foundation assistantship, during which you will be embedded in a local clinical team. Additionally, an elective period will be undertaken, for which you will organise your own extended placement, either in the UK or abroad. You will need to complete these components to a satisfactory standard in order to obtain the final MBBS award.

Overall Workload

Your overall workload consists of face-to-face sessions and independent learning. Medicine is an intensive programme and you can normally expect to have timetabled teaching from 0800 to 1800 Monday to Friday. You will also be expected to undertake independent learning outside these times. Where possible, teaching will not be timetabled on Wednesday afternoon. You will be expected to attend out of hours shifts while on placements. There is time built into the programme for consolidation, preparatory work and independent learning.

Academic Credit

Each European Credit Transfer and Accumulation System (ECTS) credit equates to an expected total study time of 25 hours. Each year of the programme will amount to 60 ECTS. The credits are notional, as MBBS degrees are not typically credit rated. However, they have been applied to give an idea of the volume of workload and hours of study per module.

- In Year 1, you will typically spend around 40% of your time in scheduled learning and teaching sessions such as lectures, tutorials, anatomy or clinical skills sessions and clinical placement; and around 60% of your time in independent and guided study.
- In Year 2, the amount of time you spend on clinical placement will increase to around one third of your time, with corresponding decreases in scheduled teaching and independent study.
- In Years 3 and 4, you will spend most of your time on clinical placement supported by consolidation time.

Assessment Strategy

Assessment Methods

A variety of assessment modes will be used, specific to the aims of each module in each academic year, including written examinations, practical examinations, and Workplace Based Assessments (WBA). The WBAs examine clinical skills or practical procedures, undertaken in simulated circumstances, and/or in a clinical setting. Assessments will take place in class and/or online; they may be open or closed book.

Years 1 and 2: There will be formative and summative assessments of knowledge and practical skills. Summative assessments must be passed for academic credit. The assessments may include:

- Single best answer questions and very short answers questions,
- Short answer questions, facilitating a more in-depth understanding and integration of knowledge,
- Prescribing activities, assessing competency in relation to the safe and effective use of medicines,
- Collaborative projects, assessing both individual and group components,
- Team-based learning assessments, where you will collaborate as part of a group to answer questions,
- Workplace Based Assessments, based on clinical encounters and other work based activities,
- Clinical and Professional Skills Assessments, including history taking, physical examination, investigation selection and interpretation, and patient management, procedural skills, communication skills.

Years 3 and 4: Subject to the requirements of the Medical Licensing Assessment and the UK Foundation Programme Office, assessments are planned to include:

- Knowledge based written assessments,
- Clinical and professional skills assessment,
- The MLA applied knowledge test,
- The MLA clinical and professional skills assessment,
- The Prescribing Safety Assessment,
- Workplace Based Assessments.

Timing of Assessments

Summative assessments have been positioned to maximise your learning experience, while at the same time facilitating the placement learning. End of year summative assessments will incorporate sufficient time for marking, external review and examination boards, plus a resit opportunity before the next academic year. You must normally pass each year to progress.

Volume of Summative Assessments

Years 1 and 2: Each module will be assessed with at least one summative assessment.

Year 3: There will be Workplace Based Assessments, an applied knowledge test and a clinical / professional skills assessment at the end of the year.

Year 4: You will need to pass the MLA and Prescribing Safety Assessment along with Workplace Based Assessments.

Academic Feedback Policy

Feedback is essential for learning, and you will receive feedback on a regular basis throughout the programme to inform you about your learning, with advice about areas where you are performing well and where you can improve if appropriate. We will provide specific and timely feedback online and in-person to enable you to build on your knowledge and skills. Regular meetings with your professional development tutors will help you to develop feedback literacy.

The style of feedback provided will vary depending on the context but you will be given immediate structured verbal feedback during clinical teaching and presentations with written clinical encounter forms provided during clinical placements. You will be provided with marks and topic-based performance indicators for timed summative exams.

The Imperial Policy on Academic Feedback and guidance on issuing provisional marks to students is available at: www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/

Re-sit Policy

Imperial College's Policy on Re-sits is available at: www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/

Please also consult your Student Handbook for specific arrangements for PCSM.

Mitigating Circumstances Policy

Imperial's Policy on Mitigating Circumstances is available at: www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/

Please also consult your Student Handbook for specific arrangements for PCSM.		
Additional Programme Costs		
This section should outline any additional costs relevant to this programme which are not included in students' tuition fees.		
Description	Mandatory/Optional	Approximate cost
Travel – to and from clinical placements, some of these costs are covered by the NHS Bursary	Mandatory	The price will vary depending on where you live and where your placement is located.
Year 1 field trip	Mandatory	Subsistence (up to 2 weeks)
Elective – additional costs may be incurred for travel and accommodation, depending on where you decide to go. This may be subsidised under certain circumstances on application	Optional	Will vary depending on selected destination
UK Clinical Aptitude Test (UCAT) / Graduate Medical School Admissions Test (GAMSAT) enrolment fee https://www.ucat.ac.uk https://gamsat.acer.org	Mandatory	Check websites for latest costs

Important notice: The modules, structure and assessments presented in this Programme Specification are correct at time of publication but might change as a result of student and staff feedback and the introduction of new or innovative approaches to teaching and learning. You will be consulted and notified in a timely manner of any changes to this document.

Programme Structure ¹					
Year 1 You will study all core modules.					
Code	Module Title	Core	Group	Term	Credits
PCSM70001	Medical Sciences-1 (<i>FHEQ level 7</i>)	Core		1-2-3	30
PCSM50001	Clinical Skills and Professional Practice-1 (<i>FHEQ level 5</i>)	Core		1-2-3	20
PCSM50002	Prevention and Healthcare Delivery-1 (<i>FHEQ level 5</i>)	Core		1-2-3	10
Credit Total					60
Year 2 You will study all core modules.					
Code	Module Title	Core	Group	Term	Credits
PCSM70002	Medical Sciences-2 (<i>FHEQ level 7</i>)	Core		1-2	15
PCSM60001	Clinical Skills and Professional Practice-2 (<i>FHEQ level 6</i>)	Core		1-2-3	35
PCSM60002	Prevention and Healthcare Delivery-2 (<i>FHEQ level 6</i>)	Core		1-2-3	10
Credit Total					60
Year 3 - FHEQ Level 7 You will study all core modules.					
Code	Module Title	Core	Group	Term	Credits
PCSM70003	Clinical Skills and Professional Practice-3	Core		1-2-3	60
Credit Total					60
Year 4 - FHEQ Level 7 You will study all core modules.					
Code	Module Title	Core	Group	Term	Credits
PCSM70004	Clinical Skills and Professional Practice-4	Core		1-2-3	60
Credit Total					60

¹ **Core** modules are those which serve a fundamental role within the curriculum, and for which achievement of the credits for that module is essential for the achievement of the target award. Core modules must therefore be taken and passed in order to achieve that named award. **Compulsory** modules are those which are designated as necessary to be taken as part of the programme syllabus. Compulsory modules can be compensated. **Elective** modules are those which are in the same subject area as the field of study and are offered to students in order to offer an element of choice in the curriculum and from which students are able to select. Elective modules can be compensated.

Progression and Classification
In order to progress to the next level of study during Years 1–3, you must achieve a ‘pass’ in each module. The MBBS degree is not classified. In order to be considered for the award you must successfully complete all required modules in years 1 to 4. Throughout the programme, there are General Medical Council-mandated assessments which students will be required to complete. These assessments can be repeated, as appropriate, until they have been satisfactorily completed. Entry into summative examinations may be contingent on the satisfactory completion of these assessments and clinical placements. Please find the full Academic Regulations at: https://www.imperial.ac.uk/about/governance/academic-governance/regulations/ Please follow the prompts to find the set of regulations relevant to your programme of study.
Programme Specific Regulations
This programme has exceptions to the Academic Regulations. Medical Sciences-1 module is 30 credits. Assessments throughout the programme are standard set using a variety of methods; pass marks are therefore variable across academic years and are not fixed. Practical assessments are not open double marked. Marks are awarded from multiple examiner judgements across multiple stations. At least one Internal Examiner and one External Examiner will rotate through practical assessment stations in order to further quality assure the standards. Post hoc analysis of results is also undertaken. A candidate cannot fail on the basis of a single station or an individual examiner judgement. Due to short summer vacations, students who on their first entry do not successfully complete one or more assessments may, at the discretion of the Board of Examiners, progress into the following year. Progression under this regulation will be permitted only where: 1. a student is awaiting the results of a reassessment, if these are not available prior to the start of the academic year. 2. a standard reassessment opportunity is provided within the first eight weeks of the subsequent year, at which point students must redeem any failure carried forward. If a standard reassessment opportunity is not available within the first eight weeks of the subsequent year, students will be required to undertake and pass outstanding assessments prior to progressing to the subsequent year. In all cases, if the student fails the reassessment, they will not be permitted to proceed with their programme and will be required to undertake further reassessment (with or without attendance) or to withdraw, in accordance with the Regulations for Taught Programmes of Study.

Supporting Information
The Programme Handbook information will be available on the PCSM virtual learning environment.
The Module Handbook information will be available on the PCSM virtual learning environment.
Imperial’s entry requirements for undergraduate programmes can be found at: https://www.imperial.ac.uk/study/apply/undergraduate/
Imperial’s Quality & Enhancement Framework is available at: www.imperial.ac.uk/registry/proceduresandregulations/qualityassurance
Imperial’s Academic and Examination Regulations can be found at: www.imperial.ac.uk/about/governance/academic-governance/regulations
Imperial College London is an independent corporation whose legal status derives from a Royal Charter granted under Letters Patent in 1907. In 2007 a Supplemental Charter and Statutes was granted by HM Queen Elizabeth

II. This Supplemental Charter, which came into force on the date of Imperial's Centenary, 8th July 2007, established the College as a University with the name and style of "The Imperial College of Science, Technology and Medicine".

www.imperial.ac.uk/admin-services/secretariat/university-governance-structure/charters/

Imperial College London is regulated by the Office for Students (OfS)

www.officeforstudents.org.uk/advice-and-guidance/the-register/

This document provides a definitive record of the main features of the programme and the learning outcomes that you may reasonably be expected to achieve and demonstrate if you take full advantage of the learning opportunities provided. This programme specification is primarily intended as a reference point for prospective and current students, academic and support staff involved in delivering the programme and enabling student development and achievement, for its assessment by internal and external examiners, and in subsequent monitoring and review.