

Programme Information		
Programme Title	Programme Code	HECoS Code
Paediatrics and Child Health – PG Certificate Paediatrics and Child Health – PG Diploma Paediatrics and Child Health – MSc - 2 year Paediatrics and Child Health – MSc - 3 year	For Registry Use Only	For Registry Use Only

Award	Length of Study	Mode of Study	Entry Point(s)	Total Credits	
				ECTS	CATS
MSc	3 Calendar Years (36 months)	Part-time	Annually in October	90	180
MSc	2 Calendar Years (24 months)	Part-time	Annually in October	90	180
PG Diploma	2 Calendar Years (24 months)	Part-time	Annually in October	60	120
PG Certificate	1 Academic Year (9 months)	Part-time	Annually in October	30	60

You must apply to the PG Certificate in the first instance; progression through the programme is dependent on assessment.

Ownership			
Awarding Institution	Imperial College London	Faculty	Faculty of Medicine
Teaching Institution	Imperial College London	Department	Medicine
Associateship	N/A	Main Location(s) of Study	St Mary's Campus
External Reference			
Relevant QAA Benchmark Statement(s) and/or other external reference points		Master's degrees in Medicine	
FHEQ Level		Level 7 – Master's	
EHEA Level		2nd Cycle	
External Accrator(s) (if applicable)			
External Accrator 1:	N/A		
Accreditation received:	N/A	Accreditation renewal:	N/A

Collaborative Provision			
Collaborative partner	Collaboration type	Agreement effective date	Agreement expiry date
N/A	N/A	N/A	N/A
Specification Details			
Programme Lead		Dr David Inwald, Programme Director	
Student cohorts covered by specification		2019-20 entry	
Date of introduction of programme		October 2011	
Date of programme specification/revision		2019-20	

Programme Overview	
<p>The programme has been designed for you - interested in the scientific basis of health and disease in childhood, research methodologies, and evidence-based paediatrics. It is anticipated that many of you will be Specialty Trainee doctors in paediatrics, however the programme will be specifically designed to be multidisciplinary and therefore also suitable for other healthcare professionals working with children and young people. The programme offers the best of paediatrics at Imperial with a focus on General Paediatrics, Critical Care and Emergency Medicine, Infectious Diseases, Immunology and Allergy and will be of particular interest to those practicing in these areas.</p> <p>You will initially register for a PG Cert in Paediatrics and Child Health. This can be awarded in its own right or, on successful completion of this component of the programme, you may transfer to the PG Diploma or the MSc in Paediatrics and Child Health programme.</p> <p>The PG Cert in Paediatrics and Child Health offers a theoretical background to the principles of evidence-based medicine and the scientific basis of childhood disease. There is a focus on innovation in diagnosis and treatment within paediatrics. You will also develop skills in the use of computing applied to healthcare.</p> <p>The PG Diploma will allow you to develop your skills in more specialised subjects relevant to your own practice and research by choosing four out of nine available specialist modules. This level gives you additional practice in skills such as presentation skills, case report writing, journal article writing and communication with different audiences, from professional to patients and families.</p> <p>The MSc adds a rigorous academic training in research methods or systematic review culminating in completion of an MSc thesis. The thesis will consist of a report of a research project conducted in your own working environment or a systematic review. Through this, you will gain experience in techniques which may include project design, data analysis and presentation, literature searches and critical appraisal. Work will be prepared for presentation at scientific and clinical meetings and for publication.</p> <p>For junior medical staff, the programme will integrate with clinical training to develop key elements in the Royal College of Paediatrics and Child Health curriculum.</p>	
Learning Outcomes	
PG Cert:	<ol style="list-style-type: none"> 1. Apply insights into human development from conception to maturity, including early life programming and how this affects manifestations of and susceptibility to disease. 2. Assess serious illness in children at both individual and population levels. 3. Critically evaluate information from a variety of sources, including scientific publications, to determine its value in relation to the practice of paediatrics.
PG Diploma:	<ol style="list-style-type: none"> 4. Formulate diagnoses and management plans for children with complex problems, in selected specialty areas. 5. Apply key scientific methods and concepts to analyse and manage complex paediatric conditions.

	6. Develop expertise in applying evidence-based medicine to paediatrics. 7. Discuss/contextualise problems and challenges within current knowledge in the diagnosis and management of some more complex problems and challenges encountered within paediatrics and child health, within selected areas of specialty. 8. Demonstrate the ability to apply the concepts of evidence based medicine to paediatrics in order to treat patients.
MSc:	9. Critically assess and evaluate the current literature in relation to a research question and design a project to investigate it. 10. Plan, conduct and write-up an original research project demonstrating evidence of compliance with any necessary regulatory/ethical/legal processes, the appropriate use of established research methodology and data analysis using relevant software. 11. Communicate research findings in various formats to a range of diverse audience.

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

You are reflected in all of our Modules and are listed as follows:

- Demonstrate deep conceptual understanding of your chosen discipline
- Work effectively in multi-cultural, international teams and across disciplinary boundaries
- Approach challenges with curiosity, critical thinking and creativity
- Innovatively apply your skills to tackling complex real-world problems
- Understand and value different cultures and perspectives
- Develop into an independent learner with high self-efficacy
- Display a strong sense of personal and professional identity

The Graduate Attributes are available at:

www.imperial.ac.uk/you/academic-support/graduate-attributes

Entry Requirements

Academic Requirement	<p>The minimum requirement is normally a minimum of 2.1 UK Bachelor's Degree with Honours in a healthcare related subject such as Nursing, Pharmacy, Physiotherapy or similar health science (or a comparable qualification recognised by the College).</p> <p>For further information on entry requirements, please go to https://www.imperial.ac.uk/study/pg/apply/requirements/pgacademic/</p>
Non-academic Requirements	<p>You, with a Diploma and substantial work experience in a related healthcare field may be considered, subject to an interview with the Programme Director.</p>
English Language Requirement	<p>Standard requirement Please check for other Accepted English Qualifications</p>
Admissions Test/Interview	<p>All applicants are interviewed prior to an offer of a place, whenever possible, either in person or via an electronic platform (such as ZOOM or SKYPE) or by telephone.</p> <p>Applicants who are a Special case need to attend a SQE (Special Qualifying Exam), which is a written exam demonstrating a sufficient level of background knowledge, as well as the interview.</p>

The programme's competency standards documents can be found at: TBA

Learning & Teaching Approach

This part-time programme adopts an active learning strategy. You are encouraged to be responsible for identifying your areas of lack of knowledge and to use the programme resources and face-to-face teaching sessions to learn in collaboration with the teaching team and your peers and through self-directed learning.

The programme modules consist of various teaching methodologies which may include:

- Pre programme reading/videos to prepare for the programme.
- Specialist lectures (with plenty of opportunity for interaction) by experts in your field from Imperial and other top-rated institutions. Further to these, lecture slides and often video recordings of the lectures for later review are provided. There are active teaching methodologies involved such as interactive question & answer elements, discussions and sharing of experiences from you which encourage a more active learning approach by you.
- Panel discussions with student interaction.
- Practical sessions with “hands-on” learning including ‘computer lab’ sessions.
- Workshops that promote your participation and link skill acquisition and understanding.
- High and low fidelity simulations with interactive question and answer elements.
- Group work and group presentations such as preparing and delivering Pro-Con debates, creating a Research Proposal and presenting it and other such activities with teaching staff and peer feedback. These may be created in a face-to-face setting or via an online platform.
- A visit to Westminster Coroner’s Court, with the opportunity to take the stand in a mock inquest run by HM Coroner in the Law & Ethics Module.
- Online learning modules, quizzes and reading lists on Leganto all delivered via Blackboard.
- Signposting to online learning and core and supplementary reading materials as well as useful videos, websites and conferences.
- Supportive Tutorials available to join online.
- Networking and cohort building both face-to-face when in class weeks and online through group work.

Assessment Strategy		
Assessment Methods		
<p>Assessment is treated as a dialogue between the you and the teachers. The student ownership of learning and improvement is stressed.</p> <p>The formative assessments help you to practice and develop skills in individual and in group settings. The teacher and peer feedback that you receive will inform you on how to improve your performance and you can also learn from observation of good practice that is modelled by presenters and module leaders and peers. Self-reflection and learning from the different methods of feedback be you verbal or written, informal or formal, is encouraged as you make active use of your feedback.</p> <p>The summative assessments are reflected in the module assignments which are designed to assess the intended learning throughout the programme, by the employment of skilled real-world outputs such as poster creation and presentations. Each assessment is carefully selected to complement the module and to produce an authentic output that is related to the discipline. These assignments lead to the development of transferable professional skills that will be useful in your future career. Furthermore, you will practically demonstrate the graduate attributes that you will have achieved. You will show gains in communication skills in different modalities from a variety of written platforms to presentation techniques.</p> <p>There is one multiple choice exam that is included after module one. The purpose is to assess your grasp of the materials in that key module. The exam demonstrates your knowledge and your ability to apply learning to case studies. It is an authentic assessment for you as there are often exams included as you develop in your career.</p> <p>The final summative assessment is the MSc dissertation and the viva which are based on your original research or the systematic review that you have performed during the programme. This is the culmination of all of your learning and demonstrates the practical application of the lessons learned. It demonstrates not only an understanding of the research process, but how you communicate your work in both written and oral forms.</p>		
Academic Feedback Policy		
<p>The College's Policy on Academic Feedback and guidance on issuing provisional marks to you is available at: www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/</p>		
Re-sit Policy		
<p>The College's Policy on Re-sits is available at: www.imperial.ac.uk/student-records-and-data/for-current-you/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/</p>		
Mitigating Circumstances Policy		
<p>The College's Policy on Mitigating Circumstances is available at: www.imperial.ac.uk/student-records-and-data/for-current-you/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/</p>		
Additional Programme Costs		
<p>This section should outline any additional costs relevant to this programme which are not included in you' tuition fees.</p>		
Description	Mandatory/Optional	Approximate cost
Programme recommended reading books	N/A	N/A

Programme Structure ¹					
Year 1 All Year 1 modules are core.					
Code	Module Title	Core/ Elective	Group	Term	Credits
	Science and Evidence in Paediatric Practice	Core	N/A	1	7.5
	Nutrition, Growth and Development of the Child	Core	N/A	2	7.5
	Recognition and Management of the Seriously Ill Child	Core	N/A	2	7.5
	Child Population Health and Social Paediatrics	Core	N/A	3	7.5
Credit Total					30
Year 2 You study four modules not previously studied.					
Code	Module Title	Core/ Elective	Group	Term	Credits
	Infectious Diseases and Host Defence	Elective	N/A	1	7.5
	Principles of Paediatric Allergy	Elective	N/A	1	7.5
	Paediatric Sleep	Elective	N/A	2	7.5
	Law and Ethics in Paediatrics	Elective	N/A	2	7.5
	Paediatric Ventilation	Elective	N/A	3	7.5
	Serious Infection and Critical Care in Children	Elective	N/A	3	7.5
	Stabilisation and Transport of the Critically Ill Child	Elective	N/A	3	7.5
	Adolescent Health	Elective	N/A	3	7.5
Credit Total					30
Year 2 or 3 You study all core modules.					
Code	Module Title	Core/ Elective	Group	Term	Credits
	Research and Professional Skills Module and Research Project	Core	N/A	1-3	30
Credit Total					30

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.

Award and Classification for Postgraduate Students

Award of a Postgraduate Certificate (PG Cert)

To qualify for the award of a postgraduate certificate a student must have a minimum of 30 credits at Level 6 or above (this must include a minimum of 20 credits at Level 7).

Award of a Postgraduate Diploma (PG Dip)

To qualify for the award of a Postgraduate Diploma a student must have:

1. accumulated at least 60 ECTS credits at Level 6 or above (this must include a minimum of 45 credits at Level 7);
2. no more than 10 credits as a Compensated Pass.

Award of a MSc Degree

To qualify for the award of a postgraduate degree a student must have:

1. accumulated credit to the value of no fewer than 90 credits at level 6 or above of which no more than 15 credits may be from credit level 6;
2. no more than 15 credits as a Compensated Pass;
3. met any specific requirements for an award as outlined in the approved programme specification for that award.

Classification of Postgraduate Taught Degrees

Postgraduate Certificates and Postgraduate Diplomas are unclassified and are pass/fail only. For all other postgraduate awards, the College sets the class of Degree that may be awarded as follows:

1. Distinction: The student has achieved an overall weighted average of 70.00% or above across the programme.
2. Merit: The student has achieved an overall weighted average of 60.00% or above but less than 70.00%.
3. Pass: The student has achieved an overall weighted average of 50.00% or above but less than 60.00%.
 - a. For a Masters, students must normally achieve a distinction (70.00%) mark in the research project in order to be awarded a distinction.
 - b. For a Masters, students must normally achieve a minimum of a merit (60.00%) mark in the research project in order to be awarded a merit
 - c. Modules taken at level 6 as part of the programme specification for a named postgraduate award will contribute to the determination of pass, merit or distinction for any taught postgraduate award and are included in the calculation of the overall weighted average.

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

N/A

Supporting Information

The Programme Handbook is available at: TBA

The Module Handbook is available at: within the 2019-20 handbook

The College's entry requirements for postgraduate programmes can be found at:
www.imperial.ac.uk/study/pg/apply/requirements

The College's Quality & Enhancement Framework is available at:
www.imperial.ac.uk/registry/proceduresandregulations/qualityassurance

The College's Academic and Examination Regulations can be found at:
www.imperial.ac.uk/about/governance/academic-governance/regulations

Imperial College 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 the College'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/college-governance/charters/

Imperial College London is regulated by the Office for You (OfS)
www.officeforyou.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 a typical student may reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities provided. This programme specification is primarily intended as a reference point for prospective and current you, 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.

Modifications

Description	Approved	Date	Paper Reference
N/A	N/A	N/A	N/A