Imperial College London

Programme Information

Programme Title		Programme Code	HECoS Code
Healthcare and Design		A1HD	For Registry Use Only

Award	Length of Study	Mode of Study	Entry Point(s)	Total Credits	
				ECTS	CATS
MSc – A1HD	2 years (24 months)	Part time	Annually in October	90	180
PGDip – A1HDD	N/A	N/A	N/A	60	120

Ownership

Awarding Institution	Imperial College London	Faculty	Medicine
Teaching Institution	Imperial College London	Department	Surgery and Cancer
Associateship	N/A	Main Location(s) of Study	Imperial College, South Kensington Campus / St Mary's. Royal College of Art, School of Design

External Reference

Relevant QAA Benchmark Statement(s) and/or other external reference points	N/A
FHEQ Level	Level 7
EHEA Level	2nd Cycle

External Accreditor(s) (if applicable)

External Accreditor 1:	N/A		
Accreditation received:	N/A	Accreditation renewal:	N/A

Collaborative Provision

Collaborative partner	Collaboration type	Agreement effective date	Agreement expiry date
Royal College of Art			

Specification Details

Programme Lead	Mr Daniel Leff
Student cohorts covered by specification	2022-23 Entry.
Date of introduction of programme	October 2020
Date of programme specification/revision	October 2022

Programme Overview

The MSc in *Healthcare and Design* is an interdisciplinary programme that draws on the complementary knowledge and expertise of Imperial College London and the Royal College of Art. The programme is offered part-time over two years with 8 individual weeks of intensive teaching (four blocks of two weeks). The programme runs alongside an MRes programme awarded by the Royal College of Art. The programme has been designed for clinicians and healthcare professionals as well as at design professionals. The majority of modules (seven out of eight modules) are shared between the two programmes.

The research project (making up 30 ECTS) will be supervised by Imperial and a second supervisor from the RCA is strongly encouraged. In addition, you may choose to undertake this research project in your workplaces, and to manage this we may utilize 'subject experts' in workplaces to provide additional support.

The two separate programmes build on the partnership between Imperial and the RCA exemplified by the HELIX Centre, a design studio in St Mary's Hospital bringing designers and clinicians together for the first time to solve healthcare challenges. A key objective of the HELIX Centre is to catalyse more innovative approaches to healthcare service delivery with better design and planning, more efficient use of resources and greater focus on patient need. This programme will suit you if you have a strong interest in the role of design in healthcare and you are from either a clinical healthcare background or have a prior degree in a design discipline. The course will equip you with the tools and techniques to instigate and lead innovation in healthcare systems, services and spaces.

The programme is delivered at Imperial's campuses in South Kensington and St Mary's as well as at the Royal College of Art campus in South Kensington.

Learning Outcomes

On successful completion of the MSc in Healthcare and Design, you be able to:

1) Assess the role and impact of design on collaborative working in the intersection of design and healthcare within multidisciplinary teams.

2) Undertake complex research tasks and apply design research critical thinking to healthcare challenges.

3) Identify design opportunities within healthcare challenges for original and creative solutions, and adopt appropriate approaches in response'.

4) Select the theoretical framework, plan design research and use selection tools to evaluate, review and amend both research approaches and solutions to the chosen problem.

5) Reflect upon your leadership development and impact; evaluate and monitor personal strengths, limitations and performance, and create future goals.

6) Communicate and articulate design research findings effectively through multiple media including oral, written, image and video formats.

7) Predict challenges in the health system in global context / frugal application.

8) Employ user-centred design through your work by designing *with* and *for* the user

9) Construct and execute a business plan for design innovation, taking into account stakeholder perspectives'

10) Research and create prototype design solutions to healthcare challenges.

Entry Requirements

Academic Requirement	Normally a 2:1 UK Bachelor's Degree with Honours (or a comparable qualification recognised by the College)
Non-academic Requirements	You will either have a clinical background or will have other healthcare experience, or design, architecture and /or other multidisciplinary artistic fields. As the programme is part-time, we would expect you to be employed and we will require a letter of permission from their employer.
English Language Requirement	Higher requirement (PG) Please check for other Accepted English Qualifications
Admissions Test/Interview	Applicants who do not meet the academic requirements above but who have substantial relevant industry experience may be admitted following completion of a 'Special Qualifying Exam' (SQE).

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

Learning & Teaching Approach

Learning and Teaching Delivery Methods
Face-to-face teaching will take place in each module during one week long intensive sessions when students will be exposed to world leading experts and facilities from both Imperial and the Royal College of Art, and will also have the opportunity to participate in a range of formative and summative assessment individual and group activities. Face-to-face teaching will include: a) interactive lectures; b) seminars; c) tutorials; d) case-based discussions; e) practical sessions; and f) simulations / observation in-situ within clinical settings.

Combined with the face-to-face teaching, e-learning and blended learning modules will offer you the opportunity to advance your learning, achieve the specified learning outcomes and demonstrate progress. E-learning will include: pre-module activities and group discussion boards.

Research projects for the Masters Level award are closely supervised by both academic faculty and/or industrial partners at Imperial College and academic faculty Royal College of Art.

Overall Workload
Your overall workload consists of face-to-face sessions and independent learning. The following gives an indication of how much time you will need to allocate to different activities at each level of the programme. At Imperial, each ECTS credit taken equates to an expected total study time of 25 hours. Therefore, the expected total study time is [Hours per year (e.g. 1,500 hours for 60 ECTS programme)] hours per year. It is estimated that you will spend approximately 60:40 division of time on module : research dissertation / independent study in the first year; and 50:50 division of time in the second year.

Assessment Strategy

Assessment Methods

Assessments will be conducted both in-module, upon module completion and in the form of the marked research dissertation assessment (MSc). In-module assessments comprise demonstration of your ability to deliver in module assignments in groups or teams. Assessments include oral presentations or idea pitches; poster or image construction, visual abstract, role-play, and /or demonstration of learned technical skills (e.g. Arduino). End of module assignments include written essays, critical reflections, literature reviews, constructed business case; as well as multimedia such as construction of a short video.

Academic Feedback Policy

You will be provided feedback from each of their coursework assessments throughout the programme within 10 days of each of the modules. This feedback will allow you to self-evaluate your progress throughout the programme. Personal tutors will be able to assist you in this area.

You will receive your indicative grades for a taught module assignments within a month of the assignment deadline. The research project will be assessed at different stages with the academic supervisors providing input into methodologies and progress.

Re-sit Policy
In line with College policy, if you are unsuccessful in any of the examinations you may be allowed an opportunity to re-sit at the discretion of the Board of Examiners

Mitigating Circumstances Policy
You may be eligible to apply for mitigation if you have suffered from serious and unforeseen circumstances during the course of your studies that have adversely affected your ability to complete an assessment task and/or their performance in a piece of assessment.

Additional Programme Costs
There are no mandatory additional costs involved in the modules.

Important notice: The Programme Specifications are the result of a large curriculum and pedagogy reform implemented by the Department and supported by the Learning and Teaching Strategy of Imperial College London. 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					
Code	Module Title	Core/ Elective	Group*	Term	Credits
SURG70029	Design Led Innovation in Healthcare	Compulsory		1	7.5
SURG70030	Principles of Design Led Innovation	Compulsory		1	7.5
SURG70031	Health Research Toolkit	Compulsory		2	7.5
SURG70032	Helix Design Dash	Compulsory		2	7.5
				Credit Total	30
Year 2					
Code	Module Title	Core/ Elective	Group	Term	Credits
SURG70033	Innovation in Healthcare	Compulsory		1	7.5
SURG70034	Design for Behaviour Change	Compulsory		1	7.5
SURG70035	Health Business Toolkit	Compulsory		3	7.5
SURG70015	Leadership	Compulsory		3	7.5
SURG70037	Research Dissertation	Core		1-3	30
				Credit Total	60

* 'Group' refers to module grouping (e.g. a group of electives from which one/two module(s) must be chosen).

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[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

Award of the Postgraduate Diploma (PG Dip)

To qualify for the award of the postgraduate diploma, you must have passed modules to the value of no fewer than 60 credits at Level 7.

You will need to:
- Achieve a mark of at least 50.00% in each assessment
- Achieve a pass mark of 50.00% or greater in each module

Award of the MSc

To qualify for the award of the MSc, you must have:
- Accumulated credit to the value of no fewer than 90 credits at level 7.
- In addition, you will need to achieve a mark of at least 50.00% in the both assessments of the Research Project (report and presentation)

Classification of Postgraduate Taught Degrees
The College sets the class of Degree that may be awarded as follows:
1. Distinction: you will need to achieve a 70.00% or above in each module, as well as in your final dissertation
2. Merit: you will need to achieve a 60.00% but less than 70.00% in each module, as well as in your final dissertation.
3. Pass: you will need to achieve a 50.00% but less than 60.00% in each module, as well as in your final dissertation

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 https://www.imperial.ac.uk/study/pg/medicine/healthcare-and-design/
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 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 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 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.