

Programme Title: Master of Science (MSc) in Burn Care



Programme Specification

Awarding Body/Institution	Queen Mary University of London
Teaching Institution	Queen Mary University of London
Name of Final Award and Programme Title	Master of Science (MSc) in Burn Care
Name of Interim Award(s)	PG Diploma Burn Care; PG Certificate Burn Care
Duration of Study / Period of Registration	2 years - part-time distance learning
QM Programme Code / UCAS Code(s)	A3D3
QAA Benchmark Group	
FHEQ Level of Award	Level 7
Programme Accredited by	N/A
Date Programme Specification Approved	
Responsible School / Institute	Barts and The London School of Medicine and Dentistry

Schools which will also be involved in teaching part of the programme
Blizard Institute

Institution(s) other than Queen Mary that will provide some teaching for the programme

Programme Outline

1. The programme is designed specifically to provide a core curriculum for physicians (General Practitioners / Accident & Emergency clinicians) and professions allied to medicine (nurses / therapists / dietitians / psychologists), who wish to gain a high education qualification in specific knowledge and practice within the field of Burn Care.
2. The programme is designed to equip nurses / therapists / dietitians / psychologists with basic core knowledge and in-depth understanding of the burn pathophysiology as well as the principles of burn management.

Aims of the Programme

To provide physicians and professions allied to medicine, with critical knowledge and skills in burn pathophysiology and clinical management.
To enhance the understanding and critique in the molecular biology, immunology, microbiology and the application of science and technology to burn care.

Programme Title: Master of Science (MSc) in Burn Care

Through clinical practice sessions, using state of the art multimedia tools, to expose students to the latest developments in wound care and burn management.

What Will You Be Expected to Achieve?

On successful completion of the programme, students will have gained an in-depth critical knowledge and skills in burn care and wound management.

Academic Content:

A 1	Applied patho-physiological science presented in all modules
A 2	Anatomy, physiology, pathophysiology, burn wound management and advanced technology dressing
A 3	Holistic care and management of the Burns patient

Disciplinary Skills - able to:

B 1	Analysis and application of the theory of burn pathophysiology with clinical burn wound management
B 2	Develop framework for assessment and corresponding first line treatment for Burn patients
B 3	Develop a holistic approach to treatment of a patient, based on the knowledge gained
B 4	Apply knowledge, and understanding of knowledge, to personal practice
B 5	Critical analysis of the importance of the burn multidisciplinary team, and integrate them in their personal practice
B 6	Formulate an intellectual framework of clinical evaluation of a patient in clinical / Accident & Emergency department wards.
B 7	Apply psychosocial and ethical principles learned, to personal clinical practice
B 8	Perform clinical assessments, dressings and manage burn wounds in acute setting as taught, observed and practiced on programme-specific clinical days
B 9	Manage more severe or chronic burns and scars as taught, observed and practiced on the programme-specific clinical days

Attributes:

C 1	Engage and critically apply in-depth knowledge and skills in burn care and wound management
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C2	Demonstrate clarity of thought and sound intellectual development
C3	Demonstrate core understanding of knowledge and holistic approach in the management of burn patients

How Will You Learn?

Learning methodologies will include:

- structured distance learning modules, clinical training days. [Teaching on clinical days will be a combination of lectures, demonstrations and video-link to live procedures. Candidates will be invited to attend these.]
- each module will include compulsory weekly seminars online, with summative online module assignments, via QMplus, as well as formative self-assessment via MCQ's and EMQ's.

How Will You Be Assessed?

Different modules will be assessed differently, depending on the learning objectives. Assessment methods for the eight taught modules will include MCQ's, written assignments and a practical examination.

1. Each taught module includes a mixture of MCQ's and written assignments.
2. A practical examination is taken at the end of the year on each taught module completed.
3. A 15,000 word dissertation must be submitted at the end of the second year.

How is the Programme Structured?

Please specify the full time and part time programme diets (if appropriate).

Specific topics in burn care and wound management are covered in a total of eight taught modules and a dissertation. Four modules are taught in the first year and four in the second year - the Dissertation is the ninth and final module.

First year modules:

Skin Structure & Function / Burn Physiology
Fluid Resuscitation / Smoke Inhalation / Critical Care
Anaesthesia / Pain & Pruritus / Dressings & Skin Substitutes
Acute Burn Wound Care / Acute Surgery

Second year modules:

Fundamentals of Burn Reconstruction
Burn Rehabilitation / Multidisciplinary Team
Medicolegal Practice / Psychology / Psychiatry
Research & Ethics (Evidence Based Medicine)
15,000 word Dissertation

Students must complete and pass the practical examinations at the end of their first year in order to progress to their second year.

Academic Year of Study PT - Year 1

Module Title	Module Code	Credits	Level	Module Selection Status	Academic Year of Study	Semester
Skin Structure and Function/Burn Physiology	ICMM918	15	7	Compulsory	1	Semester 1
Fluid Resuscitation/Smoke Inhalation/Critical Care	ICMM920	15	7	Compulsory	1	Semester 1
Anaesthesia/Pain and Pruritis/Dressings and Skin Substitutes	ICMM921	15	7	Compulsory	1	Semester 2
Acute Burn Wound Care/Acute Surgery	ICMM922	15	7	Compulsory	1	Semester 2

Academic Year of Study PT - Year 2

Module Title	Module Code	Credits	Level	Module Selection Status	Academic Year of Study	Semester
Fundamentals of Burn Reconstruction	ICMM924	15	7	Compulsory	2	Semester 1
Burn Rehabilitation/Multidisciplinary Team	ICMM923	15	7	Compulsory	2	Semester 1
Medicolegal Practice/Psychology/Psychiatry	ICMM919	15	7	Compulsory	2	Semester 2
Evidence Based Medicine/Research Methods and Ethics	ICMM925	15	7	Compulsory	2	Semester 2
Dissertation on Burns Surgery and Burns Care	ICMM960	60	7	Core	2	Semester 3

What Are the Entry Requirements?

Completion of Medical Degree (MBBS or MD)
 OR minimum of 12 months clinical experience within the relevant clinical area plus a degree or higher qualification in Medicine or healthcare related subjects, such as Nursing & Healthcare, Dietetics and Nutrition, Occupational Therapy, Physiotherapy, Psychology, Social Work.

English requirements should be any of the following:

1. Grade B at A-Level
2. IELTS (overall score of 7, with 6.5 in the Writing and Speaking modules)
3. TOEFL Internet-Based Test (overall score of 100, with 24 in Writing and Speaking)

How Do We Listen and Act on Your Feedback?

Student feedback - through discussion forums on QMPLUS, via email, interaction with faculty on clinical days.
 Programme review - yearly updating of information, continuous improving of course material.

Academic Support

Personal tutor arrangement - tutoring/one-on-one help available through academic teaching fellow dedicated to programme.

Programme-specific Rules and Facts

N/A. Normal QMUL Academic Regulations apply.

Specific Support for Disabled Students

Queen Mary has a central Disability and Dyslexia Service (DDS) that offers support for all students with disabilities, specific learning difficulties and mental health issues. The DDS supports all Queen Mary students.

Students can access advice, guidance and support in the following areas:

- finding out if you have a specific learning difficulty like dyslexia
- applying for funding through the Disabled Students' Allowance (DSA)
- arranging DSA assessments of need
- special arrangements in examinations
- accessing loaned equipment (eg. digital recorders)
- specialist one-to-one "study skills" tuition
- ensuring access to course materials in alternative formats (eg. Braille)
- providing education support workers (eg. note-takers, readers, library assistants)
- mentoring support for students with mental health issues and conditions on the autistic spectrum

Links With Employers, Placement Opportunities and Transferable Skills

As all students on the programme will be qualified clinicians / nurses / professions allied to medicine, they will be distance learners who are already employed within a clinical environment related to burn care and wound management. This can also serve as placement opportunities.

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Programme Specification Approval

Person completing Programme Specification

Catherine Mclean

Person responsible for management of programme

Simon Myers

**Date Programme Specification produced/amended
by School Learning and Teaching Committee**

9.8.19 (for 2019)

**Date Programme Specification approved by
Taught Programmes Board**

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