# Queen Mary
## UNIVERSITY OF LONDON

# Programme Specification

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| Awarding Body/Institution | Queen Mary University of London |
| Teaching Institution | Queen Mary University of London |
| Name of Final Award and Programme Title | MSc Dental Technology |
| Name of Interim Award(s) | PgDip |
| Duration of Study / Period of Registration | One Year Full-time & Two Years Part-time |
| QM Programme Code / UCAS Code(s) | A4Q6/A4Q5/A4D6/A4D5 |
| QAA Benchmark Group | |
| FHEQ Level of Award | Level 7 |
| Programme Accredited by | N/A |
| Date Programme Specification Approved | |
| Responsible School / Institute | Institute of Dentistry |

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

Barts and The London School of Medicine and Dentistry

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

N/A

## Programme Outline

The programme includes eight taught modules and a research project module.

## Aims of the Programme

The general aims of the taught postgraduate courses offered in the Institute of Dentistry are:

• Provide full time and part time opportunities for those wishing to develop their skills and understanding in oral health related sciences.

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Programme Title: Dental Technology

• Develop the research and service careers of dentists and professionals complementary to dentistry.

The general objectives of the taught postgraduate courses are to provide students with the skills to:

• conduct literature searches, and evaluate original published research.
• design research protocols, execute a supervised research project, analyse and report findings supported by references.
• demonstrate a range of transferrable and specialised skills.

The specific course objectives are to enable students to:
• To augment the current rather limited Dental Technology educational opportunities by providing M-level education (PG Diploma/MSc) and skills in Dental Technology and related disciplines.
• To stimulate interest amongst dental technicians and related disciplines in advancing knowledge within this area of health care delivery.
• To improve the scientific base and research skills of those involved in teaching Dental Technology or related disciplines.
data analysis and critical thought.

## What Will You Be Expected to Achieve?

On successful completion of the programme students will

| Academic Content: | |
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| A 1 | Advanced knowledge and understanding of oral health related sciences developed. |
| A 2 | Competently conduct literature searches, and evaluate original published research. Design new research protocols, execute a supervised research project, analyse and report findings supported by references. |
| A 3 | Improved scientific base and research understanding of those involved in teaching Dental Technology or related disciplines. |

| Disciplinary Skills - able to: | |
|---|---|
| B 1 | Demonstrateable a range of transferable and specialised technical/clinical skills. |
| B 2 | Synthesis of technical /oral health care skills to organise and carry out laboratory work and organise a research project. |
| B 3 | Present and disseminate scientific information in multiple formats and work/communicate as an effective team. |

| Attributes: | |
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| C 1 | Synthesis of oral health care knowledge and skills to enhance Oral health care delivery. |
| C 2 | The ability to critically review the literature and apply knowledge in a rigorous and professional manner. |
| C 3 | Collaborate with diverse groups/teams in order promote interdisciplinary learning and knowledge dissemination. |

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| C4 | Contribute to the synthesis of new materials /knowledge /innovation in the field of oral health care. |
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## How Will You Learn?

In addition to the formal seminar programme, time is set aside for particular readings and reviews, discussion and problem solving for student projects, for practical exercises, and for feedback and evaluation of the course itself. Students will receive a course reading list at the start of teaching. The course aims to offer a high teacher/student ratio so that access to advice and ease of communication can be assured.

## How Will You Be Assessed?

Assessment will be:

Essay questions
Written papers
Technical case submission
Project thesis
Presentations
Oral Examinations

## How is the Programme Structured?

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

The programme will begins with an induction programme organised in collaboration with the other taught postgraduate courses in the Institute of Dentistry.

Teaching is organised on a term system.  Most teaching takes place in the first two terms, allowing the third term primarily for the project and revision. For full-time students the period after the examination is for completion of project reports. Students will take part in the Institute of Dentistry's Core Course for taught postgraduate students in the first term.

A termly timetable will be distributed before the start of each term.  Each term's teaching focuses on particular topics or modules. Module details, together with a package of essential core readings, will be given to students.

Academic Year of Study      FT - Year 1

| Module Title | Module Code | Credits | Level | Module Selection Status | Academic Year of Study | Semester |
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Programme Title: Dental Technology

| Module Title | Module Code | Credits | Level | Module Selection Status | Academic Year of Study | Semester |
|---|---|---|---|---|---|---|
| Fundamentals of Research Methods | DIN7011 | 15 | 7 | Compulsory | 1 | Semesters 1 & 2 |
| Dental Technology Research Project | DIN7003 | 60 | 7 | Compulsory | 1 | Semester 3 |
| Occlusion | DIN7004 | 30 | 7 | Compulsory | 1 | Semesters 1 & 2 |
| Introduction to Implantology | DIN7005 | 15 | 7 | Compulsory | 1 | Semester 1 |
| Aesthetics | DIN7006 | 15 | 7 | Compulsory | 1 | Semesters 1 & 2 |
| Advanced Technical Practice | DIN7007 | 15 | 7 | Compulsory | 1 | Semester 2 & 3 |
| Properties of Dental Materials I | DIN7008 | 15 | 7 | Compulsory | 1 | Semester 1 |
| Properties of Dental Materials/ Processing Methods II | DIN7009 | 15 | 7 | Compulsory | 1 | Semester 2 |
| Effective Presentation Skills, Management, Communication skills | EAL4650 | 0 | 7 | Study only | 1 | Semester 2 |

## What Are the Entry Requirements?

A Dental Technology Foundation degree, a minimum of two years post-initial qualification experience, and the ability to demonstrate advanced technical expertise in the field. Applicants may also be required to satisfy a practical trade test prescribed by SMD.

A recognised qualification in Dental Technology through assessments, including a written examination of a standard comparable to a three-year Foundation Degree in Dental Technology, or a Graduate Certificate in Dental Technology (SMD) awarded at the level of merit.

Other applicants require a degree (minimum of second class honours) in a subject relevant to Dentistry, such as basic sciences or medical/bioengineering, or the equivalent in professional qualifications and experience.

A minimum IELTS score of 6.5 is also required for overseas students.

## How Do We Listen and Act on Your Feedback?

The Staff-Student Liaison Committee provides a formal means of communication and discussion between schools/institutes and its students. The committee consists of student representatives from each year in the school/institute together with appropriate representation from staff within the school/institute. It is designed to respond to the needs of students, as well as act as a forum for discussing programme and module developments. Staff-Student Liaison Committees meet regularly throughout the year.

Each school/institute operates a Learning and Teaching Committee, or equivalent, which advises the School/Institute Director of Taught Programmes on all matters relating to the delivery of taught programmes at school level including monitoring the application of relevant QM policies and reviewing all proposals for module and programme approval and amendment before

submission to Taught Programmes Board. Student views are incorporated in the committee's work in a number of ways, such as through student membership, or consideration of student surveys.

All schools/institutes operate an Annual Programme Review of their taught undergraduate and postgraduate provision. APR is a continuous process of reflection and action planning which is owned by those responsible for programme delivery; the main document of reference for this process is the Taught Programmes Action Plan (TPAP) which is the summary of the school/institute's work throughout the year to monitor academic standards and to improve the student experience. Students' views are considered in this process through analysis of the NSS and module evaluations.

## Academic Support

Students undergo an induction week at the start of the programme.

Module leads and module teachers are available to offer academic support.

Research project supervisors provide support during the research project.

## Programme-specific Rules and Facts

None

## 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: full-time, part-time, undergraduate, postgraduate, UK and international at all campuses and all sites.

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 (e.g. digital recorders)
• Specialist one-to-one study skills tuition
• Ensuring access to course materials in alternative formats (e.g. Braille)
• Providing educational support workers (e.g. note-takers, readers, library assistants)
• Access to specialist mentoring support for students with mental health issues and Autistic Spectrum Disorders.

## Links With Employers, Placement Opportunities and Transferable Skills

Candidates are expected to take up full time teaching, research or industry positions after completion of the course. The module taken in Management, Leadership and Presentation Skills will help students who are expected to take up senior managerial roles in a laboratory or teaching establishment.

After taking the course the candidate will have a good scientific base and transferable advanced technical and research skills which will be attractive to a future employer.

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Programme Title:  Dental Technology

This mix of skills is very unique in the dental field and should create world opinion leaders in the field of dental technology and materials.

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## Programme Specification Approval

**Person completing Programme Specification**

Mike Cattell

**Person responsible for management of programme**

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

24 10 2016

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

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