



MSc DEGREE COURSE

Specialist Practice of Restorative and Aesthetic Dentistry



University of
Greater Manchester

POWERED BY:



About The Course

The MSc in Specialist Practice of Restorative and Aesthetic Dentistry is shaped by emerging digital technologies, reflecting the growing expectation for dentists to deliver cutting-edge orthodontic and advanced restorative treatments, including implantology and clear aligner therapy.

Achieving optimal outcomes in these complex procedures depends on the preservation of hard and soft tissue health, underpinned by a strong foundation in periodontology, which is essential for long-term success.

COURSE TITLE:

MSc Specialist Practice of Restorative and Aesthetic Dentistry

DURATION:

2 years

CAMPUS:

SYNTRAIN ACADEMY & APPROVED GENERAL DENTAL PRACTICES

ATTENDANCE:

PART TIME. BLENDED LEARNING. 1 DAY A MONTH LECTURES.

ENTRY REQUIREMENTS:

POSTGRADUATE BDS OR EQUIVALENT

FEES:

Please refer to the website

CREDITS:

180



Structure

Year 1 2 days a month to include:

- Lecture Programme and Clinical Skills development (Phantom head Training)
- Supervised Clinical Practice
- Self Study

Year 2 1 day a month to include:

- Tutorials with Dissertation Supervisor
- Dissertation writing



Clinical Practice Rota

As part of your MSc Programme, you will be taught both face to face and online too to give you flexibility and avoid taking days off from work.

As part of your PART TIME MSc programme, you will have the opportunity to be taught in a high-tech skills lab. This consists of manikin phantom heads simulating patients.

The experience you will gain will allow you to meet the requirements of your Clinical Professional Portfolio.



Teaching

As part of your MSc Programme, you will be taught both face to face and online too to give you flexibility and avoid taking days off from work.



Clinical Skills Development

The MSc programme is divided into separate modules. This ensures that you complete the requirements of the MSc Learning Outcomes.

As part of your skills development, you will:

- Build on skills covering aspects of modern-day comprehensive dentistry
- Hands-on training in our purpose-built phantom head facility
- Comprehensive experience in restorative, aesthetic procedures
- Live patient demonstrations by experienced professionals
- You will complete a Clinical Portfolio

Clinical Skills Development Table	
Month 1	Photography/ Marketing
Month 1	Smile Design
Month 2	Occlusion & Splints
Month 2	Composite Bonding & Anterior Composite
Month 3	Communication
Month 3	Rubber Dam & Posterior Composite
Month 4	Partial Denture
Month 4	Complete Denture
Month 5	TSL & Full Mouth Rehabs
Month 5	Endodontics Day 1
Month 6	Endodontics Day 2 & Post Core
Month 6	Anterior Crown
Month 7	Posterior Crown
Month 7	Veneers
Month 8	Bridges & Onlays
Month 8	Injection Moulding Day 1
Month 9	Injection Moulding Day 2
Month 9	Dental Implants
Month 10	Periodontal Restorative
Month 10	Orthodontic Restorative
Month 11-12	Live Patient Training
Month 13-24	URECA, Reflective Clinical Practice & Dissertation

The MSc programme is divided into separate modules. This ensures that you complete the requirements of the MSc Learning Outcomes.

The modules are integrated within each of the separate course units. The course is designed in 21 face to face days spread over 2 days a month to advance the learning of each delegate through the programme.

Module Outline

Patient Assessment and Risk Management

This module aims to foster an evidence-based approach to patient selection as well as the knowledge and understanding of the theory and practice required to recognise and provide advanced level restorative and aesthetic treatment modalities and risk assessment.



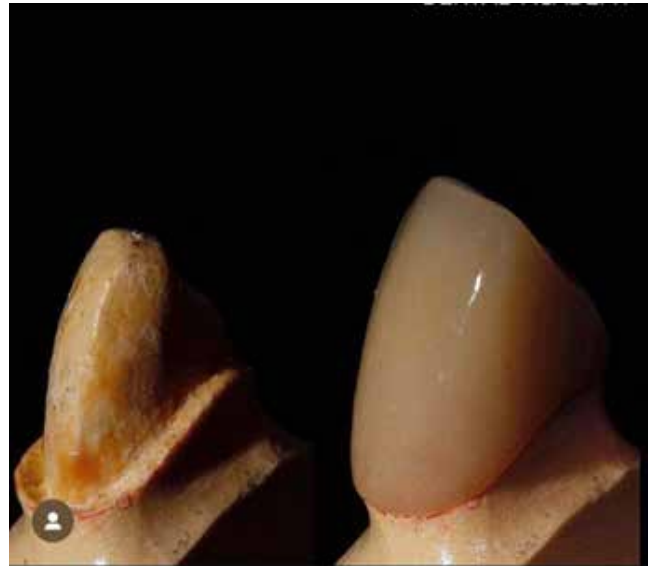
Its objective is to highlight potential restorative and aesthetic complications in treatment and for you to be able to develop risk assessment strategies to avoid or minimise these complications in restorative and aesthetic therapy. The practice of predominately elective treatments is one of the most challenging and complex fields of medicine as it often entails an in-depth knowledge of more than one specialty with each having a unique set of complications that need to be identified and effectively managed.

The challenges you may face can range from unacceptable aesthetics and poor treatment outcomes to irreversible surgical trauma to vital structures and potentially life-threatening haemorrhage.

This module enhances your understanding of the requirements and skills essential to the safe clinical practice and application of advanced treatment modalities, as well as the challenge of long-term maintenance issues or complications.

Recognizing that not all complications can be prevented, the module also addresses essential management strategies, ethical considerations related to informed consent, and the management of patient expectations.

You will develop skills in communication, organization, planning, problem-solving, treatment planning, risk assessment, ethical responsibility, and securing consent.



Reflective Clinical Practice

The module aims to cultivate reflective practitioners by fostering the development of innovative and reflective thinking alongside problem-solving skills.. Reflective practice serves as a vital tool for enhancing clinical judgment and building medical expertise, encouraging a thoughtful and evidence-based approach to clinical care.

The module requires students to formulate and justify their own patient centred treatment plans with illustrated case reports. The module affords the opportunity to demonstrate knowledge and understanding of a specialist treatment modality and reflect on learning experiences and competencies gained from various treatment modalities relevant to their dissertation topic.

Students will also need to consider how their practices and attitudes have evolved and changed over time because of these experiences. Case reports will be used for them reflect on treatment outcomes so helping them to identify connections between intended and actual outcomes achieved and how they may be improved upon.





Understanding Research and Critical Appraisal

This module is designed to help you develop the research skills necessary to identify your dissertation topic, create a detailed proposal, and plan your research effectively. It will equip you with the academic skills required for Master's level study.

The module encompasses key areas such as clinical statistics, evidence-based practice, critical appraisal, measurement, and research design, with a focus on their specific applications in medical research and treatment.

You will learn how to formulate realistic research objectives and establish an appropriate conceptual and analytical framework for your study. Additionally, you will acquire skills in identifying, collating, and critically reviewing relevant literature, enabling you to make informed decisions regarding the research philosophies, strategies, and methods best suited to your project.

Management of Aesthetics and Digital Smile Design

This module introduces the concept of digital smile design and the aesthetic management of dentition, focusing on the application of advanced three-dimensional imaging systems and supporting software.

Participants will gain an in-depth understanding of various restorative protocols employed in aesthetic makeovers, along with their respective advantages and limitations. The module also includes the critical analysis of patient case studies, enabling participants to develop comprehensive treatment plans utilizing the technologies covered.



Occlusal Diagnosis and Analysis

Patient awareness of aesthetics, along with advancements in orthodontic techniques, implantology, and restorative rehabilitation, has led to a rise in adults seeking advanced dental treatments.

As a result, dentists are increasingly tasked with diagnosing and managing occlusion as part of broader treatment plans.

This multidisciplinary module examines the anatomy, etiology, and management of occlusion from both orthodontic and restorative viewpoints.

Its goal is to equip dentists with the skills to accurately diagnose occlusal issues and develop comprehensive treatment plans that facilitate a multidisciplinary approach to patient care.



Computer Assisted Design and Fabrication of Restorations, Guides and Appliances (CAD/CAM)

This module provides a comprehensive evaluation of cutting-edge computer-aided design and manufacturing (CAD/CAM) technologies utilized in digital dentistry. It aims to equip participants with hands-on experience in using commercial CAD/CAM systems. Participants will develop a foundational understanding of CAD software and gain practical competence in its application.

The module also introduces image-capturing technologies, exploring their indications and integration into the digital workflow. Detailed instruction on commonly used software for treatment planning and the design of restorative appliances and surgical guides is included. Participants will have the opportunity to apply CAD software in real-life cases, critically assessing its functionality and application across various treatment modalities. Additionally, the module covers CAM processes, highlighting appliance fabrication using advanced hardware such as milling and 3D printing technologies.

This module will also consider potential complications and risk assessment strategies to avoid and minimise complications. The module develops communication skills, organisation and planning, problem solving, treatment planning, risk assessment, ethical responsibility and consent.



Dissertation

This taught module offers the opportunity to conduct an extended and significant research project. It enables you to synthesize the academic knowledge gained from your previous postgraduate studies and practical experiences to create an evaluative and critical discussion on a specialist dental topic directly related to your program.

The module aims to enhance your skills in identifying a problem, determining its significance, formulating a hypothesis or proposition, designing a method for testing the hypothesis, and evaluating the results.

MSc Key Features

1. Face-to-face teaching delivered from modern advanced facilities at the SynTrain Academy Campus in Bolton
2. Clinical Hands-On Training in a Phantom Head Skills Lab
3. A personal academic coach will provide regular online tutorials to support learning and guidance through course modules on a one-to-one basis. The coaches are there to help you as needed to ensure your success.
4. Adjunctive programmes, supplemental formative courses which support your compulsory modules and deliver live regular interactive clinical training.

	Postgraduate Diploma in Restorative Aesthetic Dentistry COMPREHENSIVE	Postgraduate Diploma in Reestorative Aesthetic Dentistry DIGITAL ONLY	MSc Degree Course in Restorative Aesthetic Dentistry COMPREHENSIVE	MSc Degree Course in Restorative Aesthetic Dentistry DIGITAL ONLY
Unit 1 Photography /Marketing	Included	Included	Included	Included
Unit 2 Smile Design	Included	Included	Included	Included
Unit 3 Occlusion & Splints	Included	Included	Included	Included
Unit 4 Composite Bonding & Anterior Composite	Included	Included	Included	Included
Unit 5 Communication	Included	Included	Included	Included
Unit 6 Rubber Dam & Posterior Composite	Included	Included	Included	Included
Unit 7 Partial Denture	Included	Included	Included	Included
Unit 8 Complete Denture	Included	Included	Included	Included
Unit 9 TSL & Full Mouth Rehabs	Included	Included	Included	Included
Unit 10 Endodontics Day 1	Included	Included	Included	Included
Unit 11 Endodontics Day 2 & Post Core	Included	Included	Included	Included
Unit 12 Anterior Crowns	Included	Included	Included	Included
Unit 13 Posterior Crowns	Included	Included	Included	Included
Unit 14 Veneers	Included	Included	Included	Included
Unit 15 Bridges & Onlays	Included	Included	Included	Included
Unit 16 Injection Moulding Day 1	Included	Included	Included	Included
Unit 17 Injection Moulding Day 2	Included	Included	Included	Included
Unit 18 Dental Implants	Included	Included	Included	Included
Unit 19 Periodontal Restorative	Included	Included	Included	Included
Unit 20 Orthodontic Restorative	Included	Included	Included	Included
Unit 21 Live Patient Training	Included		Included	
Reflective Clinical Practice of Restorative Dentistry & Implantology			Included	Included
Understanding Research & Critical Appraisal			Included	Included
Dissertation			Included	Included

Course Fees

	Fees (Excl VAT)	Advance to MSc (Excl VAT)	Total Fees Paid (Excl VAT)
Postgraduate Diploma in Specialist Practice of Restorative & Aesthetic Dentistry COMPREHENSIVE	£14,280	£11,000	£25,280
Postgraduate Diploma in Specialist Practice of Restorative & Aesthetic Dentistry DIGITAL ONLY	Refer to website	Refer to website	Refer to website
MSc Degree Course In Specialist Practice of Restorative & Aesthetic Dentistry COMPREHENSIVE	£25,280		£25,280
MSc Degree Course In Specialist Practice of Restorative & Aesthetic Dentistry DIGITAL ONLY	Refer to website	Refer to website	Refer to website

Payment Terms:

Payments can be made upfront/Finance options available

Enquire Now - Call or WhatsApp on +44 7840 607695

MSc Specialist Practice of Restorative and Aesthetic Dentistry

Patient Assessment
& Risk Management

Management of Aesthetics
& Digital Smile Design

Occlusal Diagnosis
& Analysis

Computer Assisted Design and Fabrication
of Restorations, Guides and Appliances
(CAD/CAM)

**THIS IS
YOUR
ENTRY
LEVEL**

Completed the Diploma in Specialist
Practice of Restorative & Aesthetic
Dentistry
120 Credits

Reflective Clinical Practice

Understanding
Research & Critical
Appraisal (URECA)

Dissertation



University of
Greater Manchester

Exit here with a
Master of Science
Degree

For more information
visit our website by
scanning the QR code



Exit here with a Postgraduate Diploma HE Level 7 (PgDip)



+



Exit here with a Master of Science Degree

Admissions Criteria

Entrants must satisfy the following entry requirements:

Normally at least two years' demonstrable postgraduate clinical experience in clinical practice as a:

- qualified dental practitioner
- Current registration with the UK General Dental Council (GDC) or equivalent in another country
- Evidence of appropriate professional liability insurance/Medico-legal indemnity insurance as may be required for the designated clinical setting at an appropriate level
- Access to clinical practice setting that gives enough exposure to the relevant area of clinical specialism

Apply for a Student Scholarship

At The University of Greater Manchester, we understand that pursuing education can come with financial challenges. To support individuals in need, we've introduced a scholarship scheme specifically for clinicians. This program is designed to provide financial assistance and help make education more accessible.

Scholarship Specifications

Each year, a limited number of scholarships are available through our student scholarship scheme. These scholarships provide up to £5,500 towards the cost of Postgraduate education.

Eligibility Criteria:

- Students enrolled in a Postgraduate program.
- Students who have completed an accredited Postgraduate Diploma course are also eligible to apply.
- Students must have a current registration with the UK General Dental Council (GDC) or equivalent in another country

Terms & Conditions

- **Validity Period:** If successful, the scholarship is valid for a limited period to allow other candidates the opportunity to apply. Each scholarship offer is valid for **3 months** from the date of award.
- **Program Eligibility:** Scholarships are available exclusively for select **MSc** and **Postgraduate Diploma** programs.

