



SYNTRAIN
INTERNATIONAL ACADEMY

MSc in **Restorative Aesthetic Dentistry & Implantology**

Course Brochure

The **MSc in Restorative Aesthetic Dentistry & Implantology** enhances the skills and confidence of general dental practitioners in dental implantology and implant site development. Combining core surgical sciences with advanced bone augmentation and implant planning, the programme is ideal for clinicians looking to expand their implant practice and surgical scope.



2026

About The Course

While traditional implant protocols are commonly taught, the MSc in Restorative Aesthetic Dentistry and Implantology approaches implantology from a restorative perspective.

The program focuses on developing treatment plans that are guided by restorative needs, integrating implants as part of the solution.

The programme is designed to offer contemporary face to face and digital learning as well as close 1 to 1 mentorship with live patients. It also explores immediate loading and placement techniques, utilizing both screw-retained and cement-retained prostheses.

Course Title

MSc in Restorative Aesthetic
Dentistry & Implantology

Duration

2 Years

Campus

SynTrain Academy &
Approved General Dental
Practices

Attendance

Part Time
1 Day A Month
Lectures/Clinical Practice
Observations

Entry Requirements

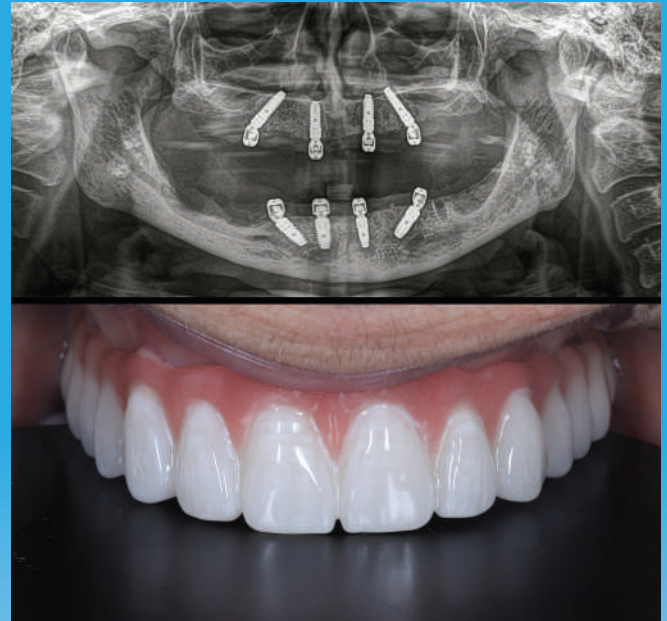
Postgraduate BDS or
Equivalent

Fees

Please refer to the website or
back of the brochure

Credits

180 Credits



Main Treatment Learning Outcomes:

- Diagnose, plan, and restore implant cases ranging from single tooth replacements to full-arch rehabilitations
- Design and deliver implant-retained overdentures, including appropriate case selection, attachment systems, and maintenance protocols
- Assess and undertake bone grafting procedures to support optimal implant placement and long-term success
- Plan and execute implant restorative treatments across the full spectrum of complexity, from single units to full-arch reconstructions
- Utilise CBCT/CT imaging for accurate digital treatment planning, risk assessment, and surgical guidance
- Apply evidence-based implant maintenance principles and long-term case management to ensure predictable outcomes and patient satisfaction
- Perform sinus lift procedures as part of advanced implant site development
- Deliver full-arch same day implant solutions using immediate loading protocols where appropriate
- Interpret and plan complex implant cases using CT imaging for advanced full-arch rehabilitation cases

Structure

Year One - 1 DAY A MONTH TO INCLUDE:

- Lecture Programme and Practical Clinical Skills Development (Phantom Head Training)
- Supervised Clinical Practice On Live Patients
- Flexible Online Study
- Live Patient Demonstrations

Year Two - 1 DAY A MONTH TO INCLUDE:

- Tutorials with Dissertation Supervisor
- Dissertation Writing



Clinical Practice Rota

As part of your **PARTTIME** MSc programme, you will be placed in a University Approved Implant Practice where you will have the opportunity to observe and perform clinical dentistry including dental implant treatment.

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

As part of your clinical practice placement, you will:

- Be placed in an Implant Clinic under an Implant Mentor
- The surgery environment will be fully digital with Intra Oral Scanners and CBCT
- You will have an opportunity to take part in implant surgery under direct supervision
- You will have the opportunity to assist in implant surgery and we aim to allow you to place at least 10 implants
- You will complete a Clinical 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 work

Clinical Skills Development

As part of the part-time MSc programme, you will receive instruction within a high-technology skills laboratory environment and will also have the opportunity to participate in the assistance of implant surgical procedures under appropriate supervision.

You will have:

- Practical experience in dental implant placement
- Hands-on training in our purpose-built phantom head facility
- Comprehensive experience in implant restorative procedures
- Direct interaction and surgery with live patients
- Live patient demonstrations by experienced professionals

Clinical Skills Development Timetable

Month 1	Single Implants
Month 2	Multiple Implants
Month 3	Over Dentures
Month 4	Full Arch
Month 5	Clinical Attachments with Live Patients
Month 6	Clinical Attachments with Live Patients
Month 7	Full Same Day Implants
Month 8	Full Same Day Implants
Month 9	Full Same Day Implants
Month 10	Clinical Attachments with Live Patients
Month 11	Clinical Attachments with Live Patients
Month 12	Clinical Attachments with Live Patients
Month 13–24	Understanding Research & Critical Appraisal (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 12 face to face days to advance the learning of each delegate through the programme.

Unit 1 – Single Implants

- History and examination
- Treatment planning and costs for straightforward implant cases
- Planning implants on a CT scan
- SAC classification
- Consent procedure, including report writing
- Fabrication of surgical drill guide
- Implant surgery procedure for single-unit placements
- Pre-operative preparation, including surgery set-up and draping
- Local anaesthetic
- Flap elevation
- Surgical kits and bone osteotomy kit
- Fabrication of the final prosthesis
- Insertion of the final prosthesis
- Review and maintenance visit
- Standard Plus implant surgery
- Bone level tapered implant surgery
- CT-guided surgery
- Post-operative care
- Suture removal
- Impression taking
- Digital scans
- Case studies



Unit 2 – Multiple Implants

- History and examination
- Treatment planning and costs for advanced implant cases
- Planning implants on a CT scan for advanced cases
- Consent procedure, including report writing
- Fabrication of surgical drill guide
- Implant surgery procedure for multiple implant placements
- Local anaesthetic
- Flap elevation
- Standard Plus implant surgery
- Bone level tapered implant surgery
- CT-guided surgery for multiple implant placements
- Post-operative care
- Post-operative review and suture removal
- Impression taking
- Digital scans
- Fabrication of the final prosthesis
- Insertion of the final prosthesis
- Review visit
- Maintenance visit
- Case studies



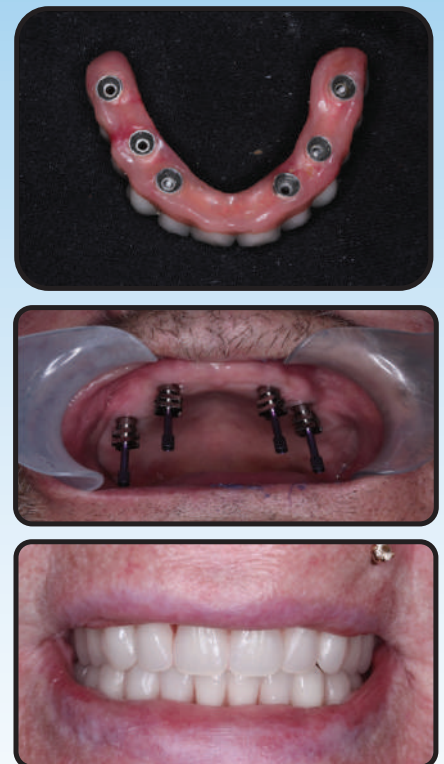
Unit 3 – Implant Overdentures

- Treatment planning and costs for complex implant cases
- Planning implants on a CT scan for complex cases
- Consent procedure, including report writing
- Fabrication of surgical drill guide
- Implant surgery procedure for overdenture implant placements
- Flap elevation
- Bone level tapered implant surgery
- CT-guided surgery
- Post-operative care
- Post-operative review and suture removal
- Impression taking
- Digital scans
- Fabrication of the final prosthesis
- Implant overdentures
- Insertion of the final prosthesis
- Review visit
- Maintenance visit
- Management of intra-oral complications
- Case studies



Unit 4 – Full Arch Implants

- Treatment planning and costs for complex full arch implant cases
- Planning implants on a CT scan for complex full arch cases
- Consent procedure, including report writing
- Fabrication of surgical drill guide
- Implant surgery procedure for full arch implant placements
- Flap elevation
- Bone level tapered implant surgery
- CT-guided surgery
- Post-operative care
- Post-operative review and suture removal
- Impression taking
- Digital scans
- Fabrication of the final prosthesis
- Full arch fixed hybrid bridgework
- Insertion of the final prosthesis
- Review visit
- Maintenance visit
- Management of intra-oral complications
- Case studies



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.

MSc - Restorative Aesthetic Dentistry & Implantology - 1

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.

Computer Assisted Design and & Fabrication of Restorations, Guides & 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.

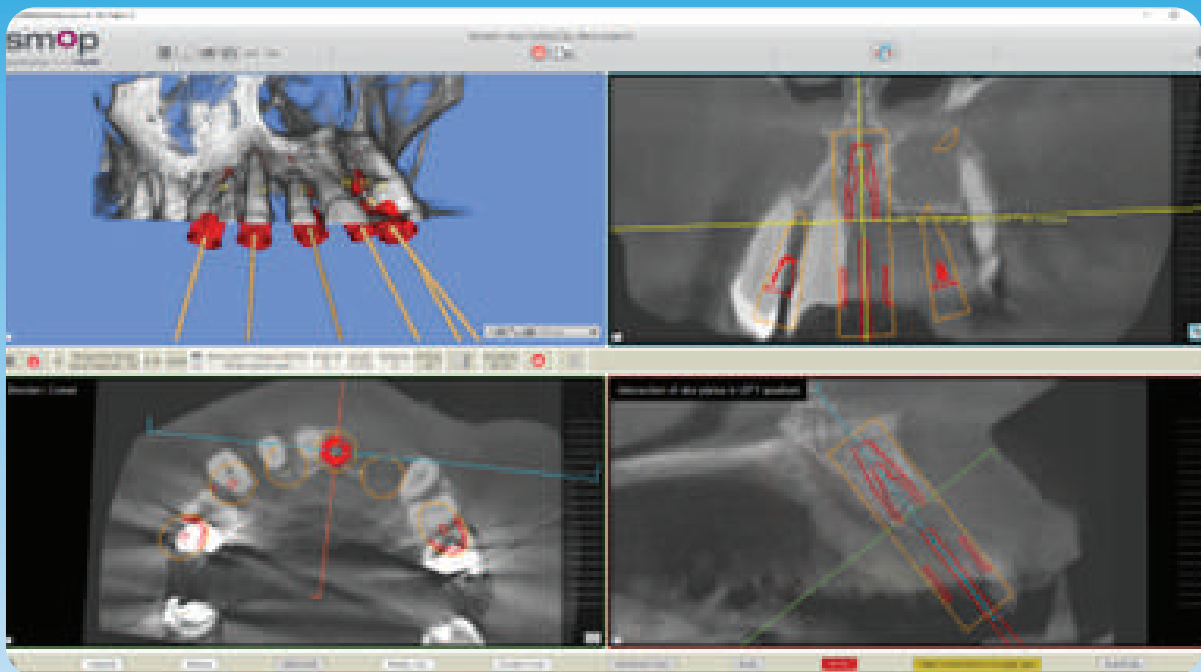
The module also introduces image-capturing technologies, exploring their indications and integration into the digital workflow. Detailed instruction on commonly used software for treatment planning and the design of restorative appliances and surgical guides is included. Participants will have the opportunity 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.



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.

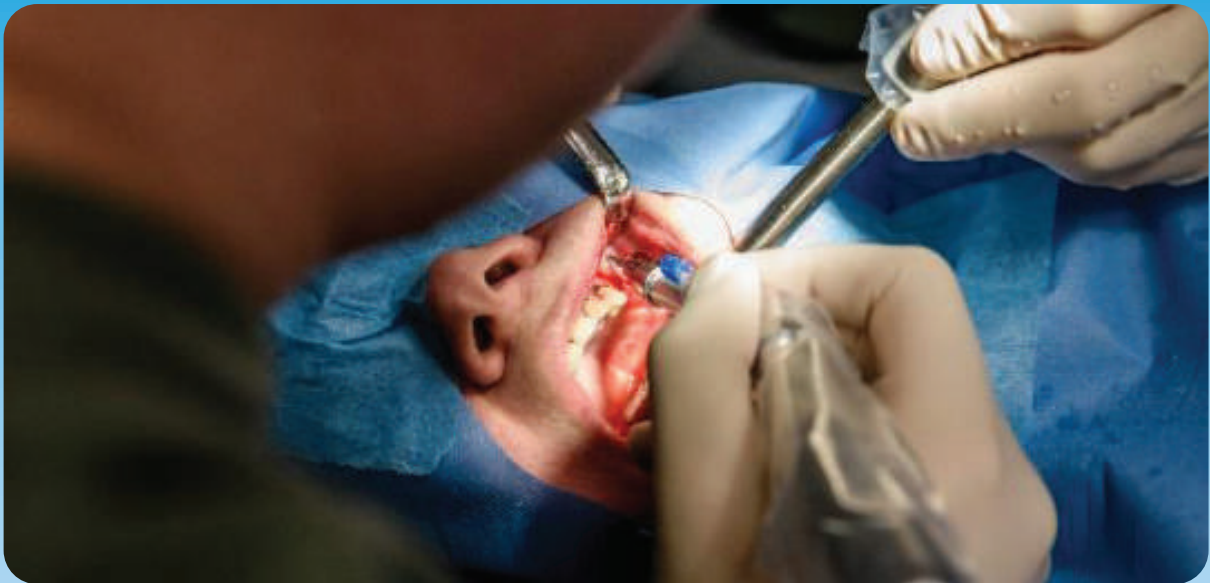
Participants will gain an in-depth understanding of various restorative protocols employed in aesthetic makeovers, along with their respective advantages and limitations. The module also includes the critical analysis of patient case studies, enabling participants to develop comprehensive treatment plans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



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.



Understanding Research & 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.



Occlusal Diagnosis and Analysis

This module explores the diagnosis and management of occlusion in dentistry. You will learn how to assess occlusal problems, understand their causes, and create effective treatment plans using both orthodontic and restorative approaches.

It supports a multidisciplinary approach to patient care, helping dentists develop the skills to identify and manage occlusion as part of broader treatment planning.



Dissertation



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.

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.
5. Clinical Attachments in Dental Practice where you will be treating patients.

What's Included In The MSc?

	Postgraduate Diploma In Restorative Aesthetic Dentistry & Implantology HANDS-ON	Postgraduate Diploma In Restorative Aesthetic Dentistry & Implantology DISTANCE LEARNING	MSc Degree In Restorative Aesthetic Dentistry & Implantology HANDS-ON	MSc Degree In Restorative Aesthetic Dentistry & Implantology DISTANCE LEARNING
Unit 1: Single Implant Surgery & Restoration	Included	Included	Included	Included
Unit 2: Multiple Implant Surgery & Restoration	Included	Included	Included	Included
Unit 3: Implant Overdentures	Included	Included	Included	Included
Unit 4: Full Arch Implants	Included	Included	Included	Included
4 Separate Hands-On Days			Included	
3 Mentorship Cases			Included	
Additional 7 Mentorship Cases			Included	
Full Same-Day Implants Masterclass			Included	Included
Reflective Clinical Practice of Restorative Dentistry and Implantology			Included	Included
Understanding Research and Critical Appraisal			Included	Included
Dissertation			Included	Included

Course Fees

	Fees (Inc VAT)	Advance to MSc (Inc VAT)	Total Fees Paid (Inc VAT)
Postgraduate Diploma In Restorative Aesthetic Dentistry & Implantology HANDS-ON	£7,200	£15,200	£22,400
Postgraduate Diploma In Restorative Aesthetic Dentistry & Implantology DISTANCE LEARNING	£3,600	£8,000	£11,600
MSc Degree In Restorative Aesthetic Dentistry & Implantology HANDS-ON	£22,400		£22,400
MSc Degree In Restorative Aesthetic Dentistry & Implantology DISTANCE LEARNING	£11,600		£11,600

Payment Terms

Payments can be made upfront/finance options available

Enquire Now - Call or WhatsApp on 07840 607695

**MSc Degree In
Restorative Aesthetic
Dentistry & Implantology**

**Patient Assessment &
Risk Management**

**Management of Aesthetics and
Digital Smile Design**

**Occlusal Diagnosis and
Analysis**

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

Reflective Clinical Practice

**Understanding Research &
Critical Appraisal (URECA)**

Dissertation



**Exit Here With A
Postgraduate
Diploma**



**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.



