

Dentistry graduate programmes

Dental Institute
at Guy's, King's College and
St Thomas' Hospitals





Graduate taught programmes in dentistry

The King's College London Dental Institute offers high quality, high intensity master's courses to take the participating student to the forefront of their chosen specialist field.

The combination of evidence-based dentistry, learning sophisticated clinical care in specialist subjects and the development of an understanding of research methodology lies at the core of all of our programmes.

We offer programmes that lead to specialist registrations, extended master's programmes (MClinDent) and MSc programmes that give the graduate specialist skills in clinical dentistry. All the programmes offer friendly, small group teaching.

Graduate programmes

MClinDent

MClinDent Endodontology

MClinDent Periodontology

MClinDent Prosthodontics

MSc

MSc Dental Public Health

MSc Maxillofacial & Craniofacial Technology

MSc Orthodontics

MSc Paediatric Dentistry

MSc Sedation & Special Care Dentistry

PGDip

PGDip Conscious Sedation for Dentistry

Flexible learning programmes are also available:

MClinDent Fixed & Removable Prosthodontics

MSc Advanced General Dental Practice

MSc Aesthetic Dentistry

MSc Dental Public Health

MSc Maxillofacial Prosthetic Rehabilitation

Further information

www.kcl.ac.uk/dentistry

King's Health Partners

King's Health Partners Academic Health Sciences Centre (AHSC) is a pioneering collaboration between King's College London, Guy's and St Thomas', King's College Hospital and the South London and Maudsley NHS Foundation Trusts.

King's Health Partners is one of only five AHSCs in the UK and brings together an unrivalled range and depth of clinical and research expertise, spanning both physical and mental health. Our combined strengths will drive improvements in care for patients, allowing them to benefit from breakthroughs in medical science and receive leading-edge treatment at the earliest possible opportunity.

For more information, visit www.kingshealthpartners.org

 KING'S HEALTH PARTNERS

Pioneering better health for all

King's College London Dental Institute

The Dental Institute is one of the top five centres of excellence for dental education, research and oral healthcare provision in the world, and is the premier place to study dentistry in the UK.

Our international reputation attracts students and staff from across the world and our programmes are delivered by leaders in their fields. The largest dental academic centre in the UK, we teach over 800 undergraduate students, 315 graduate taught students including 210 on flexible learning programmes and 70 graduate research students. The Dental Institute provides both routine and specialist clinical care and educates and trains dental personnel at all levels, including dental care professionals. You have access to modern clinics, laboratories and the latest range of techniques and equipment. Our internationally renowned Institute undertakes and actively promotes leading basic, clinical and translational research in collaboration with its world famous associate hospitals – Guy's, King's College and St Thomas'.

Research

World renowned research activities underpin our teaching and keep us at the forefront of developments in dentistry and dental public health. Strong links are maintained with industry for contractual activities and technology transfer.

The 2008 UK Research Assessment Exercise (RAE) confirmed that King's College London Dental Institute, with more than 70 principal investigators, has one of the largest, most influential teams of researchers in dental and oral health sciences in the world. With more than 70 per cent of the Institute's research output being judged as internationally excellent, the Institute has made and continues to make highly significant contributions to global advances in oral health sciences, which are impacting on innovative developments in the clinical practice of dentistry.

Research programmes aim to advance the knowledge of oral biology and disease, to enhance the dental care of patients and to better understand the mechanisms involved in both tooth and facial development. Major research areas include: the study of oral cancer; epidemiology of dental caries and periodontal diseases; biomaterials; oral microflora, craniofacial biology and mucosal biology; modern modalities in dental imaging; and health services research.

Further information

www.kcl.ac.uk/dentistry





Graduate taught programmes

MClinDent Endodontology

The programme balances academic, clinical skills and research. Subjects include the pathology of apical periodontitis and strategies to manage it effectively. Dynamic interaction with other graduate students specialising in prosthodontics, implantology and periodontology. Development of skills in understanding and analysing the research base for clinical care. Opportunity for UK specialist training and to sit a final conjoint membership examination with the Royal College of Surgeons of Edinburgh.

MClinDent Periodontology

First complete specialist training programme in periodontology in the UK, building on a long history of periodontology education at the Dental Institute. Outstanding educational experience through exceptional calibre of teachers. Recent research projects include: smoking and periodontal health; periodontal microbiology and immunology; clinical trials of periodontal treatment and oral hygiene methods; behavioural factors in periodontology and periodontal relationships to systemic health. Huge variety of expertise available to give a thorough practical education in advanced clinical periodontology, including aesthetics, implants and contemporary surgical methods.

MClinDent Prosthodontics

Sixty per cent of the programme is dedicated to clinical experience in fixed, removable and implant prosthodontics. Teaching styles include close mentoring, chairside guidance and small group work that emphasises the importance of the evidence base for prosthodontics in the literature and creates new research opportunities. Staff members have an excellent background in clinical dental research. The programme is linked to UK specialist training and the Royal College of Surgeons of Edinburgh Membership in Restorative Dentistry (MRD), so that MClinDent and MRD are usually examined together.

Further information

www.kcl.ac.uk/gsp



Graduate taught programmes

MSc Maxillofacial & Craniofacial Technology

This programme is open to both dental technicians and dentists. Teaches clinical and technical aspects for the provision of facial prostheses; ocular prostheses; orbital and skull cranioplasties and obturators. Programme includes: recognising oral disease; infections; skin lesions directly related to the provision of intra- and extraoral prostheses; core modules in all restorative disciplines. Participate in research programmes, including: investigation into digital technologies used in colour formulation of facial prostheses; biocompatibility of titanium to hard and soft tissue for cranioplasties; bonding of acrylic to silicone and patient-centred outcomes of implant treatment.

MSc Dental Public Health

Dynamic programme that challenges you to think critically about oral health at population level. Includes: practical experience of working with consultants in dental public health; involvement in high quality research; practical and theoretical guidance for the Royal College of Surgeons of England Diploma in Dental Public Health examinations. Research themes: stress and burnout amongst general dental practitioners; social and psychological impact of oral disease and social inequalities in oral health.

MSc Sedation & Special Care Dentistry

Provides a theoretical foundation and develops appropriate clinical skills for the care of patients needing special care, with particular emphasis on the use of behaviour management techniques, analgesia, sedation and general anaesthesia. Also covers training in research methods and their practical application. The MSc is incorporated into the 3 year specialist training programme in Special Care Dentistry where separate applications for specialist training are processed via The London Deanery. The MSc in Sedation and Special Care Dentistry is for clinicians in general practice, community, hospital and/or university departments who wish to become leaders in this area of dental care. Research focus is on the treatment and management of individuals requiring special care and the impact of providing this service for the community.

Further information

www.kcl.ac.uk/gsp



Graduate taught programmes

PGDip Conscious Sedation for Dentistry

Creates better understanding of the processes involved in conscious sedation through knowledge of the basic sciences; provides clinical experience by treating patients under sedation in weekly supervised sessions; teaches basic sedation techniques, with introduction to alternative approaches where required; explores principles of assessment, selection and treatment planning of patients for sedation; fosters a caring and responsible attitude whilst attending the sedation clinic. A project report provides the opportunity for research or audit in your area of interest.

MSc Orthodontics

Academic and practical teaching that covers: all aspects of orthodontic diagnosis and care including normal development; growth modification; fixed appliances and the biological principles of orthodontic tooth movement. You are encouraged to register and undertake a King's Graduate Certificate in Academic Practice to further develop educational skills. Complies with the principles of Erasmus and supports the European Union directives on specialisation in orthodontics. Prepares you for the MOrth of one of the Royal Surgical Colleges; currently this is being considered for conjoint status with the Royal College of Surgeons of Edinburgh. Once this is agreed passing the MSc will also be complemented by a pass in the MOrth of the Royal College of Surgeons of Edinburgh. Participation in relevant research programmes, including: material laboratory investigations; clinical studies and biological investigations.

MSc Paediatric Dentistry

Didactic core modules in all aspects of paediatric dentistry and a hands-on laboratory module in operative dentistry for children. Includes: diagnosis; treatment planning and delivery of care requiring nonpharmacological behaviour management strategies and those requiring oral rehabilitation under sedation or general anaesthesia. Dynamic interaction with other graduate students specialising in orthodontics and special care dentistry. Participation in research programmes, including: developmental genetics; odontogenic bacteraemia and endocarditis; dental age assessment; morbidity and characterisation of children receiving treatment under general anaesthesia and microbiology of dental caries.

Further information

www.kcl.ac.uk/gsp



Additional programmes

Flexible learning

The perfect solution if you choose to stay at home but want to further your learning and gain a higher qualification from the highly prestigious King's College London Dental Institute.

Furthering your qualifications and knowledge at a distance allows for a high degree of flexibility. The programmes are designed to meet the professional development needs of health and dental practitioners with minimal disruption to family and work commitments.

Overall costs are kept to a minimum and are considerably lower than studying full-time in London. You can learn anywhere and choose where you are assessed. A comprehensive network of overseas examination centres supports the programmes.

To complement your flexible learning, most programmes provide intensive face-to-face courses, of approximately nine days duration at one of our training centres, in either the UK or India. All programmes provide online tutorials.

Developed, directed and run by the Dental Institute, the programmes reflect the quality and experience gained from many years of working at the forefront of teaching. Flexible graduate programmes are part of the Centre of Flexible Learning in Dentistry.

Flexible learning graduate programmes

- MClinDent Fixed & Removable Prosthodontics
- MSc Advanced General Dental Practice
- MSc Aesthetic Dentistry
- MSc Dental Public Health
- MSc Maxillofacial Prosthetic Rehabilitation

Further information

www.kcl.ac.uk/distancedentistry



About King's

King's trains more dentists and doctors than any other university in the UK. Many of our graduates now occupy influential positions worldwide. King's is one of Europe's foremost research universities, with an outstanding reputation for learning, teaching and research and is in the top 25 of *The Times Higher World University Rankings, 2009*.

England's fourth-oldest university institution and one of the founding colleges of the University of London, with a spectacular location in the heart of London. A multi-faculty institution teaching across the sciences, humanities, dentistry, medicine, law and social sciences. We also host six prestigious Medical Research Council centres.

Our Graduate School coordinates graduate provision at King's. It ensures the needs of graduates are heard at all levels of decision-making and delivers a series of training and skills courses specifically for our graduate community based in London.

Find out more

Tel +44 (0)20 7848 8252

Email pg-healthadmissions@kcl.ac.uk

(General graduate study enquiries)

www.kcl.ac.uk/gradapply

(Details on how to apply for graduate study at King's)

www.kcl.ac.uk/gsp

(Search for full programme descriptions, entry requirements and fees)

www.kcl.ac.uk/international

(Information, help and advice about studying at King's and living in London)

www.kcl.ac.uk/dentistry

