

DDSc

Endodontics

Study mode

Full-time

Duration

36 months

Apply by: **11 September 2026**Starts on: **28 September 2026**

About this course

This programme fulfils the need for dental practitioners to have access to a higher dental degree which provides specialist clinical training in Endodontics.

Introduction

The Professional Doctorate is a research qualification that contains Professional Skills Training. Students who successfully complete the DDSc programme in Endodontics will be awarded the DDSc (Endodontics) from the University of Liverpool and a MEndo from the Royal College of Surgeons (RCS) of Edinburgh.

We accommodate many specialist dentistry interests through our partnership with the Royal Liverpool and Broadgreen University Hospitals NHS Trust. Together we've created state-of-the-art facilities for specialist dentistry research and education, including the management of clinical trials to a high level of clinical governance.

The first six weeks of the programme will be focussed on intensive phantom head training where you will learn all the necessary skills to treat patients clinically. Then you will move to your clinical placement, dealing with real patients and using specialist equipment, whilst being supervised by specialists in the field.

Both Endodontics Specialist Curriculum and the Royal College of Surgeons of Edinburgh blueprints in Endodontics are embedded into the programme.

Who is this course for?

This course is for graduates who already have a degree in Dental Surgery who are looking to specialise in Endodontics.

What you'll learn

- Research methods
- Clinical research investigations
- Health Service structures and clinical governance
- Evidenced-based critical appraisal of treatment techniques
- Knowledge and skills to manage non-surgical endodontic patients
- Understanding of multidisciplinary Restorative Mono-specialty
- Understanding of non-surgical endodontic treatment, retreatment and surgical endodontics.

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Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

Year one

The DDSc is a 3-year full time Doctorate programme comprising 540 credits. The programme has 180 credits in year one mostly at master's level and 360 credits in years two and three at doctorate level.

All modules are mandatory i.e. must be passed, and make up the taught, clinical and research components of the programme

The programme consists of 5 core modules and 4 speciality specific modules.

Modules

Compulsory modules	Credits
RESEARCH METHODS ONLINE (15 CREDITS) (CDEN207)	15
COMMUNICATION, HEALTH PROMOTION AND CLINICAL GOVERNANCE (CDEN233)	15
RESEARCH PROTOCOL (CDEN299)	60
RESTORATIVE DENTISTRY (CDEN211)	30
ENDODONTICS (CDEN222)	60

Programme details and modules listed are illustrative only and subject to change.

Year two

Compulsory modules:

- Multidisciplinary Restorative Dentistry (CDEN311)
- Clinical Research and Investigation (CDEN304)

Programme details and modules listed are illustrative only and subject to change.

Year three

In Year three you will undertake your Doctoral thesis.

Compulsory modules:

- Clinical Research and Investigation (CDEN304)
- Doctoral Thesis (CDEN399)

Modules

Compulsory modules	Credits
SPECIALIST ENDODONTICS (CDEN333)	60

Programme details and modules listed are illustrative only and subject to change.

Teaching and assessment

How you'll learn

Teaching takes place through seminars and workshops, in a blended format to try and increase the flexibility and accommodate all student needs. The seminars will usually have between two and eight students depending on the topic and the years attending.

How you're assessed

You will be assessed throughout the program via written exams, assignments, presentations and vivas. It is dependant on every module and in addition to the dissertation to fulfil the doctorate degree.

Liverpool Hallmarks

We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.

The Liverpool Curriculum framework sets out our distinctive approach to education. Our teaching staff support our students to develop academic knowledge, skills, and understanding alongside our **graduate attributes**:

- Digital fluency
- Confidence
- Global citizenship

Our curriculum is characterised by the three **Liverpool Hallmarks**:

- Research-connected teaching
- Active learning
- Authentic assessment

All this is underpinned by our core value of **inclusivity** and commitment to providing a curriculum that is accessible to all students.

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Careers and employability

Students studying this course normally follow careers in:

- Specialist Endodontic Practice
- Hospital Endodontist or Consultant
- University – Clinical academic

Career Opportunities for DSc graduates consist of:

- Specialist Endodontic Practice
- Hospital Consultant or Endodontist
- Clinical academia – such as Clinical Lecturer, Senior Clinical Lecturer and Professor

Graduates from this course have gone on to work in specialist private practices, as clinical academics or a combination of both.

Career support from day one to graduation and beyond

Career planning

From education to employment

Networking events

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Fees and funding

Your tuition fees, funding your studies, and other costs to consider.

Tuition fees

Tuition fees are for the academic year 2026/27.

Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support.

- You can pay your tuition fees in instalments.
- All or part of your tuition fees can be funded by external sponsorship.
- International applicants who accept an offer of a place will need to pay a tuition fee deposit.

If you're a UK national, or have settled status in the UK, you may be eligible to apply for a Postgraduate Loan worth up to £12,167 to help with course fees and living costs. **Learn more about paying for your studies**.

Additional costs

We understand that budgeting for your time at university is important, and we want to make sure you understand any course-related costs that are not covered by your tuition fee. This could include buying a laptop, books, or stationery.

Find out more about the additional study costs that may apply to this course.

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Entry requirements

The qualifications and exam results you'll need to apply for this course.

Postgraduate entry requirements

We accept a 2:2 honours degree from a UK university, or an equivalent academic qualification from a similar non-UK institution.

It is expected that applicants should be one of the following:

- Graduates in Dental Surgery of this University
- Graduates with a dental first degree from another approved university, which is recognised by the General Dental Council
- Graduates with a dental first degree from another approved university, which is not recognised by the General Dental Council.

International qualifications

Applications from international students are welcome. International qualifications will be evaluated in line with the National Recognition Information Centre (NARIC) guidelines

English language qualifications

The School's programmes are linguistically very demanding, and it is essential that all candidates have a very high level of both spoken and written English. Qualifications accepted by the Faculty include: GCSE English; GCE O level English; AS Level English; IELTS; TOEFL; Cambridge Proficiency.

Candidates for whom English is not their first language need to provide documentary evidence of their competency in English. The Faculty of Health and Life Sciences English Language Requirement is band E.

We have simplified our IELTS requirements to an A-F band equivalent. [View our IELTS academic requirements key here](#) for equivalents.

Please see the [English Language Unit website](#) for further information.

IELTS

E

TOEFL iBT

100, with no element lower than 22

International Baccalaureate	Higher Level (Grade 6)
Hong Kong use of English AS level	B
INDIA Standard XII	75% or above from Central and Metro State Boards
WAEC	B

Please be advised that TOEFL is no longer classified by UK Visas and Immigration as a Secure English Language Test (SELT). However, at the current time the university is continuing to accept TOEFL, at the required level, for entry on to Undergraduate and Postgraduate academic programmes.

International qualifications

[Select your country or region to view specific entry requirements.](#)

If you hold a bachelor's degree or equivalent, but don't meet our entry requirements, a Pre-Master's can help you gain a place. This specialist preparation course for postgraduate study is offered on campus at the [University of Liverpool International College](#), in partnership with Kaplan International Pathways. Although there's no direct Pre-Master's route to this DDSc, completing a Pre-Master's pathway can guarantee you a place on many other postgraduate courses at The University of Liverpool.

English language requirements

You'll need to demonstrate competence in the use of English language, unless you're from a [majority English speaking country](#).

We accept a variety of [international language tests](#) and [country-specific qualifications](#).

International applicants who do not meet the minimum required standard of English language can complete one of our [Pre-Sessional English courses](#) to achieve the required level.

IELTS

7.0 overall, with no component below 6.5

TOEFL iBT

If you took a TOEFL test on or before 20 January 2026, you'll need 100 overall, with minimum scores of listening 21, writing 21, reading 21 and speaking 23. If you took a TOEFL test from 21 January 2026 onwards, when a new scoring system was introduced, you'll need 5 overall, with 4.5 or above in all components. TOEFL Home Edition not accepted.

Hong Kong use of English AS level

B

Duolingo English Test

135 overall, with writing not less than 140, speaking and reading not less than 125, and listening not below 120. For academic year 2025/26 only, we will also accept the production, literacy, comprehension and conversation score set: 130 overall, with no component below 120.

Pearson PTE Academic

69 overall, with no component below 61

LanguageCert Academic

75 overall, with no skill below 70

PSI Skills for English

C1 Pass in all bands

INDIA Standard XII

National Curriculum (CBSE/ISC) - 75% and above in English. Accepted State Boards - 80%

and above in English.

WAEC

C6 or above

Pre-sessional English

Do you need to complete a Pre-sessional English course to meet the English language requirements for this course?

The length of Pre-sessional English course you'll need to take depends on your current level of English language ability.

Pre-sessional English in detail

If you don't meet our English language requirements, we can use your most recent IELTS score, or [the equivalent score in selected other English language tests](#), to determine the length of Pre-sessional English course you require.

Use the table below to check the course length you're likely to require for your current English language ability and see whether the course is available on campus or online.

Your most recent IELTS score	Pre-sessional English course length	On campus or online
6.5 overall, with no component below 6.0	6 weeks	On campus or online
6.0 overall, with writing at 6.0 and no component below 5.5	10 weeks	On campus or online
6.0 overall, with no component below 5.5	12 weeks	Online
5.5 overall, with no component below 5.5	20 weeks	On campus

Your most recent IELTS score	Pre-sessional English course length	On campus or online
5.5 overall, with no component below 5.0	30 weeks	On campus
5.0 overall, with no more than one component at 4.5	40 weeks	On campus

If you've completed an alternative English language test to IELTS, we may be able to use this to assess your English language ability and determine the Pre-sessional English course length you require.

Please see our guide to [Pre-sessional English entry requirements](#) for IELTS 7.0 overall, with no component below 6.5, for further details.

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