

**Programme of Study for Integrated Degree of PhD and MSc In Oral Sciences (Paediatric Dentistry)<sup>1</sup> 2023/24**

Entry to the programme of study suspended with effect from 2018/19

**Year One (a total of 120 credits in taught modular courses will be taken as well as the research project)**

The candidate will commence research under the direction of their supervisor(s)

**Transferable skills training (10 credits)**

DSUR5055M Transferable Skills 1 (10 credits)

**Generic skills training (50 credits)**

DSUR5061M Introduction to Research Methodology and Ethics (10 credits)

DSUR5059M Core Epidemiology (10 credits)

DSUR5104M Statistical Methods (10 credits)

DSUR5068M Medical Emergencies (10 credits)

DSUR5069M Dental Radiology (10 credits)

**Specialised subject module (60 credits)**

DSUR5125M Paediatric Dentistry 1 (468 clinical hours) (60 credits)

**Year Two (a total of 120 credits in taught modular courses will be taken as well as the research project)**

The candidate will continue research under the direction of their supervisor(s)

**Transferable skills training (10 credits)**

DSUR5056M Transferable skills 2 (10 credits)

**Specialised subject modules (50 credits)**

DSUR5126M Paediatric Dentistry 2 (648 clinical hours) (50 credits)

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**During Years 1 & 2 candidates will also undertake:**

DSUR5131M Integrated Research Project (60 credits)

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**Year Three (a total of 60 credits in non-credit bearing taught modular courses will be taken as well as the research project)**

The candidate will continue research under the direction of their supervisor(s)

**Specialised subject modules (60 credits)**

DSUR5127M Paedodontics 3 (540 clinical hours) (40 credits)

**Year Four and Year Five the candidate will continue research under the direction of their supervisor(s)**

Optional and compulsory non-credit bearing training and skills modules

**Learning Outcomes / Transferable Key Skills / Learning Context / Assessment – overall programme  
PhD and MSc in Oral Sciences (Paediatric Dentistry)**

**1. Learning Outcomes**

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To meet the Learning Outcomes through a combination of taught components, transferable skills training and research components the students will:

- interpret and communicate knowledge relevant to their speciality through research and scholarship of publishable quality that would satisfy peer review
- present and defend research outcomes which extend the forefront of paediatric dentistry
- demonstrate a detailed knowledge of the subject area and expertise in generic and subject or professional skills
- demonstrate competency in clinical skills and patient management where appropriate
- relate theoretical/academic knowledge to clinical practice and understand the relevance of their research and knowledge to clinical dentistry
- take a proactive and self-reflective role in working and develop professional relationships with other professionals, and with patients and carers where appropriate
- formulate ideas and hypotheses proactively and develop, implement and execute plans by which to evaluate these
- be able to articulate complex ideas and discuss them with peers and other professionals
- critically evaluate current issues, research and advanced scholarship
- understand relevant ethical and legal issues
- understand relevant health and safety issues
- demonstrate responsible working practice

**2. Transferable (Key) Skills**

Students will have had the opportunity to acquire the following abilities through the research training and research specified for the programme

- the skills necessary for a career as a researcher and/or for employment in a senior and leading capacity in a relevant area of professional/clinical practice or industry;
- evaluating their own achievement and that of others;
- self-direction and effective decision making in complex and unpredictable situations;
- independent learning and the ability to work in a way which ensures continuing professional development;

**3. Learning Context**

The learning context will include the critical analysis of, and decision making in, complex and unpredictable professional and/or clinical situations. The structure of the programme will provide research and/or professional training, breadth and depth of study and opportunities for drawing upon appropriate resources and techniques. Opportunities will be provided for students to:

- develop to a high level interests and informed opinions
- develop to a high level their design and management of their learning activities
- develop to a high level their communication of their conclusions;
- make an original contribution to the field

Students will be expected to engage in the exercise of autonomous initiative in their study and work in professional environments.

#### **4. Assessment**

Achievement will be assessed by the examination of the candidate's thesis and performance under oral examination. Assessment will involve the achievement of the candidate in:

- evidencing an ability to conduct original and independent broad and in-depth enquiry within the discipline or within different aspects of the area of professional/clinical practice normally leading to published work;
- drawing on and/or developing a range of research techniques and methodologies appropriate to enquiries into the discipline/area of professional practice;
- demonstrating independent critical ability in the application of breadth and depth of knowledge to complex issues within the discipline or specialist area of professional/clinical practice;
- drawing on a range of perspectives on the area of study;
- evaluating and criticising received opinion;
- making reasoned and well-informed judgements on complex issues within the specialism whilst understanding the limitations on judgements made in the absence of complete data
- the written style and overall presentation of the thesis.

#### **Learning Outcomes / Transferable Key Skills / Learning Context / Assessment for MSc in Oral Sciences (Paediatric Dentistry)**

As the degree programme contains a Masters level qualification, candidates are required to achieve the Masters learning outcomes at the appropriate stage within the Integrated PhD and Masters programme.

##### **1. Learning Outcomes**

On completion of the programme students should have shown evidence of being able:

- to demonstrate in-depth, specialist knowledge and mastery of techniques relevant to the discipline and/or to demonstrate a sophisticated understanding of concepts, information and techniques at the forefront of the discipline;
- to exhibit mastery in the exercise of generic and subject-specific intellectual abilities;
- to demonstrate a comprehensive understanding of techniques applicable to their own research or advanced scholarship;
- to take a proactive and self-reflective role in working and to develop professional relationships with others;
- proactively to formulate ideas and hypotheses and to develop, implement and execute plans by which to evaluate these;
- critically and creatively to evaluate current issues, research and advanced scholarship in the discipline.

##### **2. Transferable (key) skills**

Masters (Taught) students will have had the opportunity to acquire the following abilities as defined in the modules specified for the programme:

- the skills necessary to undertake a higher research degree and/or for employment in a higher capacity in industry or area of professional practice;
- evaluating their own achievement and that of others;
- self direction and effective decision making in complex and unpredictable situations;
- independent learning and the ability to work in a way which ensures continuing professional development;
- critically to engage in the development of professional/disciplinary boundaries and norms.

### **3. Learning Context**

For Masters (Taught) students the learning context will include the analysis of, and decision making in, complex and unpredictable situations. The structure of the programme will provide breadth and/or depth of study and opportunities for drawing upon appropriate resources and techniques. Opportunities will be provided for students to develop:

- interests and informed opinions
- their involvement in the design and management of their learning activities
- their communication of their conclusions

Students will be expected to progress to fully autonomous study and work.

### **4. Assessment**

Achievement for the degree of Master (taught programme) will be assessed by a variety of methods in accordance with the learning outcomes of the modules specified for the year/programme and will involve the achievement of the students in:

- evidencing an ability to conduct independent in-depth enquiry within the discipline;
- demonstrating the ability to apply breadth and/or depth of knowledge to a complex specialist area;
- drawing on a range of perspectives on an area of study;
- evaluating and criticising received opinion;
- make reasoned judgements whilst understanding the limitations on judgements made in the absence of complete data.