

MCH (SURGICAL SCIENCE)

Overview

The MCh in Surgical Science is available on a part-time basis over two years (24 months) and on a full-time basis over one year (12 months)

The part-time MCh in Surgical Science runs over two calendar years from the date of first registration for the programme. The full-time MCh in Surgical Science runs over one calendar year from the date of first registration for the programme. We do however recommend that those opting for the full-time option are not in full-time employment. Students on both take taught modules to the value of **90** credits, incorporating a blended learning approach with significant use of online learning resources. Contact teaching sessions are scheduled three times per year (November, January and March) and occur on Friday evenings and Saturdays in the Brookfield Health Sciences complex in UCC. These can be attended remotely where the students are overseas, opting for fully online participation.

Exit award: Postgraduate Certificate in Surgical Science

Students who pass 30 credits, within the part-time or full-time options of the programme, may choose to exit the programme with an award of a Postgraduate Certificate in Surgical Science (<https://ucc-ie-public.courseleaf.com/programmes/pcss/>) (NFQ Level 9, Minor Award).

Exit award: Postgraduate Diploma in Surgical Science

Students who pass 60 credits in Years 1 and 2 of the part-time option within the programme, or 60 credits of the full-time one-year option within the programme, may choose to exit the programme with an award of a Postgraduate Diploma in Surgical Science (<https://ucc-ie-public.courseleaf.com/programmes/pdss/>) (NFQ Level 9, Major Award).

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Within the full-time one-year option, students will take **90** credits as follows:

Code	Title	Credits
Core Modules		
MX6005	Professional Development in Surgery 1	15
MX6006	Professional Development in Surgery 2	15
MX6007	Surgical Metabolism	5
SY6001	Essentials in Surgery 1	10
SY6002	Essentials in Clinical Surgery 2	15
SY6003	Research Project in Surgery	30
Total Credits		90

Within the part-time two-year option, students will take **90** credits as follows:

Code	Title	Credits
Taught Modules		
Year 1		
Students take 30 credits as follows:		
Core Modules		

MX6005	Professional Development in Surgery 1	15
MX6007	Surgical Metabolism	5
SY6004	Surgical Immunology	5
SY6005	Essentials in Clinical Surgery 1	5

Year 2

Students take **30** credits as follows:

Core Modules

MX6006	Professional Development in Surgery 2	15
SY6002	Essentials in Clinical Surgery 2	15

Research

Students take **30** credits as follows:

SY6003	Research Project in Surgery	30
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Total Credits **90**

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.

Programme Learning Outcomes

Programme Learning Outcomes for MCh (Surgical Science) (NFQ Level 9, Major Award)

On successful completion of this programme, students should be able to:

- Identify and manipulate determinants influencing surgical outcomes;
- Apply evidence based strategies to achieve optimal surgical outcomes;
- Plan, execute and disseminate research;
- Describe the medico-legal, professional and ethical frameworks within which they practice;
- Define and manage the factors which contribute to error reduction in the surgical setting;
- Define and employ effective strategies to promote their own professional development as a team leader and trainer.