



RCSI SCHOOL OF
POSTGRADUATE STUDIES

DOCTOR OF PHILOSOPHY (PhD)

RCSI DEVELOPING HEALTHCARE LEADERS WHO MAKE
A DIFFERENCE WORLDWIDE

For over 200 years RCSI has played a major role in medical education and training in Ireland. Founded in 1784 to train surgeons, RCSI now provides undergraduate and postgraduate education in healthcare sciences. In addition to undergraduate courses in medicine, pharmacy, physiotherapy and nursing RCSI offers PhD and MSc

degrees to graduates of a range of disciplines and MD or MCh degrees to graduates of medicine. These higher degrees target students who wish to enhance human health through innovation and collaboration in education, research and service. RCSI aims to develop healthcare leaders of the future.

RCSI offers opportunities to complete PhDs in biomedical, clinical and health services research. These programmes allow students to carry out interdisciplinary, translational research and to make significant and innovative contributions to human health. Supervision is by internationally renowned Principal Investigators with clinicians and research scientists working as a team. These degrees contain the following elements:

- Relevant taught modules
- Student supports and workshops throughout programme
 - » English Language support
 - » Communication & publication skills, grant writing
 - » Innovation & entrepreneurship, leadership
- Continuous Professional Development modules
- Annual progress reviewed by thesis committee
- Final thesis and viva examination

RCSI provides a structured programme for PhD students. This negotiated learning component includes training in a number of different modules such as scientific skills, core and advanced research skills modules, technology training and transferable skills.

NFO Level	10	
Study options	Full-time	Part-time
Minimum Duration	3 years	5 years
Maximum Duration	6 years	8 years
Minimum Requirements	BSc (Hons), 2.1 or equivalent. English language IELTS score >6.5 [Non-native speakers].	
Supervisors	1 Principle Supervisor and 1 Co-Supervisor.	
Examination	Thesis and <i>viva voce</i> . Examiners: 1 external, 1 internal, 1 chairperson.	
Closing Date For Applications	Rolling applications.	
Course Start Date	The induction week is in October, but students can start at any time during the year.	
Programme Director	Prof. Niamh Moran	

WHO SHOULD APPLY?

Science graduates with a keen interest in biomedicine/translational research. A high level (2.1) Honours degree or equivalent in a clinical, biomedical or basic science subject is required. Candidates should also be able to demonstrate their English language proficiency: IELTS 6.5 or equivalent competency.

For further information on available projects please visit:
www.rcsi.com/dublin/postgraduate
email: postgraduateschool@rcsi.ie



DOCTOR OF PHILOSOPHY

The Doctor of Philosophy (PhD) degree involves deep engagement with a research question, under the guidance of an expert supervisory team. Examination is by written thesis of publishable quality after at least 3 years of continuous full-time research and by viva voce examination. NFQ LEVEL 10.

Full-time or part-time options.

SUPERVISORS

PhD students have two supervisors; at least one of whom must be a permanent member of RCSI academic staff. Other supervision may come from RCSI staff or they can be affiliated with another university or institution.

APPLICATION

- Rolling applications throughout the year.
- Candidates must first identify a supervisor at RCSI.
- Students must use the Apply Online system (www.rcsi.com/dublin/postgraduate/postgraduate-research/doctor-of-philosophy/apply) to register their details in the Quercus student records management system.
- After approval by the Academic Review Committee students are registered to either the April or October cohorts.
- An induction week is held in early April and October.

TAUGHT MODULES

Every year taught modules and workshops are offered to Research Students. These modules change from time to time depending on demand but may include: Postgraduate Essentials; Biostatistics for Postgraduate Research; Critical

Analysis, Writing and Communication Skills; Research Ethics and Integrity; Applied Biomedical Imaging; Anatomical and Molecular Imaging; Fundamentals of Computational Biology; Cell Signalling and Molecular Medicine; Drug Discovery and Development; etc.

ANNUAL REVIEW

- Continuation on the course is dependent on successful review each year.
- A substantial progress report must be submitted each year and will be reviewed by two independent researchers in an oral 'mini-viva' examination.

EXAMINATION

- Written thesis and viva voce examination.
- Details of the layout and structure of the written thesis can be found on RCSI Moodle.
- Examiners include 1 extern (preferably international), 1 internal examiner and 1 chairperson.
- The external examiner usually delegates approval of the final corrections to the internal examiner.

FURTHER INFORMATION

Please contact the School coordinator for further information:
School of Postgraduate Studies
Email: postgraduateschool@rcsi.ie
Tel: 353 1 402 8594



RCSI SCHOOL OF
POSTGRADUATE STUDIES

MEDICAL DOCTORATE (MD)

RCSI DEVELOPING HEALTHCARE LEADERS WHO MAKE
A DIFFERENCE WORLDWIDE

For over 200 years RCSI has played a major role in medical education and training in Ireland. Founded in 1784 to train surgeons, RCSI now provides undergraduate and postgraduate education in healthcare sciences. In addition to undergraduate courses in medicine, pharmacy, physiotherapy and nursing RCSI offers PhD and MSc

degrees to graduates of a range of disciplines and MD or MCh degrees to graduates of medicine. These higher degrees target students who wish to enhance human health through innovation and collaboration in education, research and service. RCSI aims to develop healthcare leaders of the future.

RCSI has strong links to acute hospitals and other institutions locally, nationally and internationally. With a critical mass of internationally recognized medical researchers, the college is uniquely placed to promote innovative research that addresses population healthcare needs from basic sciences to clinical practice. Our on-going innovative research contributes to improved treatment for disease, tackles important healthcare delivery issues, informs policy and improves clinical practice. In addition, research at RCSI enhances the quality of education of healthcare professionals. These degrees contain the following elements

- Relevant taught modules
- Student supports and workshops throughout programme
 - » English Language support
 - » Communication & publication skills, grant writing
 - » Innovation & entrepreneurship, leadership
- Continuous Professional Development modules
- Annual progress reviewed by thesis committee
- Final thesis and viva examination

RCSI provides a structured programme for MD students. This negotiated learning component includes training in a number of different modules such as scientific skills, core and advanced research skills modules, technology training and transferable skills.

NFQ Level	10	
Study options	Full-time	Part-time
Minimum Duration	2 years	4 years
Maximum Duration	4 years	8 years
Minimum Requirements	MB BCh BAO plus at least 1 year internship. Eligible for full registration with the Irish Medical Council. English language IELTS score >6.5 [non-native speakers].	
Supervisors	1 Principle Supervisor and 1 Co-Supervisor.	
Examination	Thesis and viva voce. Examiners: 1 external, 1 internal, 1 chairperson.	
Closing Date For Applications	Rolling applications.	
Course Start Date	The induction week is in October, but students can start at any time during the year.	
Programme Director	Dr Emer Reeves	

WHO SHOULD APPLY?

Medical graduates with a keen interest in biomedicine/translational research. Candidates must have obtained the degrees of MB BCh BAO.

Candidates should also be able to demonstrate their English language proficiency: IELTS 6.5 or equivalent competency.

For further information on available projects please visit:
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email: postgraduateschool@rcsi.ie



MEDICAL DOCTORATE

The Medical Doctorate (MD) degree involves deep engagement with a research question, under the guidance of an expert supervisory team. Examination is by written thesis of publishable quality after at least 2 years of continuous full-time research and by viva voce examination. NQF LEVEL 10. Full-time or part-time options are available.

SUPERVISORS

MD students have two supervisors; at least one of whom must be a permanent member of RCSI academic staff. Other supervision may come from RCSI staff or they can be affiliated with another university, institution or hospital

APPLICATION

- Rolling applications throughout the year.
- Candidates must first identify a supervisor at RCSI.
- Students must use the Apply Online system (www.rcsi.com/dublin/postgraduate/postgraduate-research/doctor-of-medicine/apply) to register their details in the Quercus student records management system.
- After approval by the Academic Review Committee students are registered to either the April or October cohorts.
- An induction week is held in early April and October.

ELIGIBILITY AND REQUIREMENTS

Medical graduates with a keen interest in research in Surgery and who have obtained the degrees of MB BAO BCh are eligible to apply. Students need to be eligible for full registration as a medical doctor with the Irish Medical Council.

English Language Requirements for non-native speakers: English is the primary language used in RCSI for classes, assignments and examinations. The minimum score is 6.5 in IELTS or equivalent.

TAUGHT MODULES

Every year taught modules and workshops are offered to research Scholars. These modules change from time to time depending on demand but may include: Postgraduate Essentials; Biostatistics for Postgraduate Research; Critical Analysis, Writing and Communication Skills; Research Ethics and Integrity; Applied Biomedical Imaging; Anatomical and Molecular Imaging; Fundamentals of Computational Biology; Cell Signalling and Molecular Medicine; Drug Discovery and Development; etc.

ANNUAL REVIEW

- Continuation on the course is dependent on successful review each year.
- A progress report must be submitted each year and will be reviewed by two independent academics in an oral 'mini-viva' examination

EXAMINATION

- Written thesis and viva voce examination.
- Details of the layout and structure of the written thesis can be found on RCSI Moodle.
- Examiners include 1 extern (preferably international), 1 internal examiner and 1 chairperson.
- The external examiner usually delegates approval of the final corrections to the internal examiner.

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RCSI SCHOOL OF
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MASTER OF SCIENCE BY RESEARCH (MSc)

RCSI DEVELOPING HEALTHCARE LEADERS WHO MAKE
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degrees to graduates of a range of disciplines and MD or MCh degrees to graduates of medicine. These higher degrees target students who wish to enhance human health through innovation and collaboration in education, research and service. RCSI aims to develop healthcare leaders of the future.

The MSc by research is a programme aimed at science graduates who wish to pursue research-related careers in a clinical, biomedical or basic sciences. The programme is carried out under an RCSI supervisor for one year full time or equivalent part time duration. The MSc is a level 9 award on the National Framework for Qualifications.

RCSI provides a structured programme for MSc students. This negotiated learning component includes training in a number of different modules such as scientific skills, core and advanced research skills modules, technology training and transferable skills.

- Relevant taught modules
- Student supports and workshops throughout programme
 - » English Language support
 - » Communication & publication skills, grant writing
 - » Innovation & entrepreneurship, leadership
- Continuous Professional Development modules
- Annual progress reviewed by thesis committee
- Final thesis and postal examination

NFO Level	9	
Study options	Full-time	Part-time
Minimum Duration	1 years	2 years
Maximum Duration	2 years	4 years
Minimum Requirements	BSc (Hons), 2.2 or equivalent. English language IELTS score >6.5 [non-native speakers].	
Supervisors	1 Principle Supervisor and 1 Co-Supervisor.	
Examination	Thesis submission. Examiners: 1 external, 1 internal.	
Closing Date For Applications	Rolling applications.	
Course Start Date	The induction week is in September / October, but students can start at any time during the year.	
Programme Director	Prof. Niamh Moran	

WHO SHOULD APPLY?

Science graduates with a keen interest in biomedicine/ translational research. A high level (2.2) Honours degree or equivalent in a clinical, biomedical or basic science subject is required. Candidates should also be able to demonstrate their English language proficiency: IELTS 6.5 or equivalent competency.

For further information on available projects please visit:
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MASTERS IN SCIENCE BY RESEARCH

The Masters in Science by Research (MSc) degree involves deep engagement with a research question, under the guidance of an expert supervisory team. Examination is by written thesis of publishable quality after at least 1 year of continuous full-time research. NFQ LEVEL 9. Full-time or part-time options are available.

SUPERVISORS

MSc students have two supervisors; at least one of whom must be a permanent member of RCSI academic staff. Other supervision may come from RCSI staff or they can be affiliated with another university, institution or hospital

APPLICATION

- Rolling applications throughout the year.
- Candidates must first identify a supervisor at RCSI.
- Students must use the Apply Online system (www.rcsi.com/dublin/postgraduate/postgraduate-research/master-of-science/apply) to register their details in the Quercus student records management system.
- After approval by the Academic Review Committee students are registered to either the April or October cohorts.
- An induction week is held in early April and October.

ELIGIBILITY AND REQUIREMENTS

Science graduates with a keen interest in research in their area and who have at least a 2.2 honours degree in a relevant subject are eligible to apply for the MSc by research. English Language Requirements for non-native speakers: English is the primary language used in RCSI for classes, assignments and examinations. It is therefore essential that all of our students have a high level of English on commencement of their studies to ensure that they can participate fully. The minimum score is 6.5 in IELTS or equivalent.

TAUGHT MODULES

Every year taught modules and workshops are offered to Research Students. These modules change from time to time depending on demand but may include: Postgraduate Essentials; Biostatistics for Postgraduate Research; Critical Analysis, Writing and Communication Skills; Research Ethics and Integrity; Applied Biomedical Imaging; Anatomical and Molecular Imaging; Fundamentals of Computational Biology; Cell Signalling and Molecular Medicine; Drug Discovery and Development; etc.

EXAMINATION

- Written thesis examination.
- Details of the layout and structure of the written thesis can be found on RCSI Moodle.
- Examiners include 1 extern & 1 internal examiner
- The external examiner usually delegates approval of the final corrections to the internal examiner.

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RCSI SCHOOL OF
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MASTER OF SURGERY BY RESEARCH (MCh)

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For over 200 years RCSI has played a major role in medical education and training in Ireland. Founded in 1784 to train surgeons, RCSI now provides undergraduate and postgraduate education in healthcare sciences. In addition to undergraduate courses in medicine, pharmacy, physiotherapy and nursing RCSI offers PhD and MSc

degrees to graduates of a range of disciplines and MD or MCh degrees to graduates of medicine. These higher degrees target students who wish to enhance human health through innovation and collaboration in education, research and service. RCSI aims to develop healthcare leaders of the future.

The MCh by research is a programme aimed at medical graduates who wish to pursue surgical research related careers. The programme is carried out under an RCSI supervisor for one year full time or equivalent part time duration. The MCh is a level 9 award on the National Framework for Qualifications.

RCSI provides a structured programme for MCh students. This negotiated learning component includes training in a number of different modules such as scientific skills, core and advanced research skills modules, technology training and transferable skills.

- Relevant taught modules
- Student supports and workshops throughout programme
 - » English Language support
 - » Communication & publication skills, grant writing
 - » Innovation & entrepreneurship, leadership
- Continuous Professional Development modules
- Annual progress reviewed by thesis committee
- Final thesis and postal examination

NFQ Level	9	
Study options	Full-time	Part-time
Minimum Duration	1 years	2 years
Maximum Duration	2 years	4 years
Minimum Requirements	MB BCh BAO plus at least 1 year internship. Eligible for full registration with the Irish Medical Council. English language IELTS score >6.5 [non-native speakers].	
Supervisors	1 Principle Supervisor and 1 Co-Supervisor.	
Examination	Thesis submission. Examiners: 1 external, 1 internal.	
Closing Date For Applications	Rolling applications.	
Course Start Date	The induction week is in October, but students can start at any time during the year.	
Programme Director	Prof. Niamh Moran	

WHO SHOULD APPLY?

Science or Medical graduates with a keen interest in biomedicine/ translational research.

MB BAO BCh is required. Candidates should also be able to demonstrate their English language proficiency: IELTS 6.5 or equivalent competency.

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MASTERS OF SURGERY BY RESEARCH

The Masters of Surgery by research (MCh) degree involves deep engagement with a research question, under the guidance of an expert supervisory team. Examination is by written thesis of publishable quality after at least 1 years of continuous full-time research. NQF LEVEL 9. Full-time or part-time options are available.

SUPERVISORS

MCh students have two supervisors; at least one of whom must be a permanent member of RCSI academic staff. Other supervision may come from RCSI staff or they can be affiliated with another university, institution or hospital.

APPLICATION

- Rolling applications throughout the year.
- Candidates must first identify a supervisor at RCSI.
- Students must use the Apply Online system (www.rcsi.com/dublin/postgraduate/postgraduate-research/master-of-surgery/apply) to register their details in the Quercus student records management system.
- After approval by the Academic Review Committee students are registered to either the April or October cohorts.
- An induction week is held in early April and October.

ELIGIBILITY AND REQUIREMENTS

Medical graduates with a keen interest in research in Surgery and who have obtained the degrees of MB BAO BCh are eligible to apply. Students need to be eligible for full registration as a medical doctor with the Irish Medical Council.

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TAUGHT MODULES

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EXAMINATION

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