



RCSI ROYAL COLLEGE OF SURGEONS IN IRELAND
University of Medicine and Health Sciences

RCSI PHARMACY AT A GLANCE

A CRITICAL ROLE IN HEALTHCARE THAT ENABLES YOU TO IMPROVE HUMAN HEALTH



AN INTERNATIONALLY RECOGNISED DEGREE PROVIDING A CHOICE OF CAREER OPTIONS

Pharmacy is the study of the design, development, mode of action, manufacture and clinical use of medicines in patient care.

With an **RCSI Master of Pharmacy (MPharm)** degree, you will graduate with a Masters level degree (Level 7 on the European Qualifications Framework). You will be positioned at the heart of healthcare, equipped with the necessary academic and technical skills, and inspired by the experience of learning from leaders in their specialties, in a field that offers exciting career opportunities across the globe.

As an RCSI Pharmacy Graduate, you will have:

A career that works for you...

- Choose to work across the globe thanks to an internationally portable qualification
- Explore a range of career opportunities from hospital and clinical pharmacy to regulatory bodies to world leading pharmaceutical companies
- Contribute to innovation and discovery in healthcare
- Become a fully qualified healthcare professional immediately after graduation, giving you access to attractive salaries and high employability after just five years of study.

A career that enables you to work for the benefit of others...

The role of the pharmacist is constantly evolving and expanding allowing you to:

- Take clinical responsibility caring for patients in hospital or community settings
- Adopt one of the many expanding pharmacy specialties in cancer care, medicines safety, paediatrics, or mental health
- Work on the frontiers of research, leading the quest for innovations and discoveries that improve human health.

A career that you are ready for...

- Specialist training and strategically targeted work placements ensure that RCSI Pharmacy Graduates are ready for the workplace immediately after graduation
- Graduates have an internationally portable qualification and can register as pharmacists in Ireland and throughout the European Union immediately after graduation. The MPharm, and the integrated internship, is also recognised by the Malaysian Pharmacy Board (MPB), allowing its graduates to register to practice in Malaysia (upon passing the licensing exam) without the need for an additional internship in Malaysia.
- The MPharm will also act as a platform for professional pharmacy registration in other geographies.



The RCSI Advantage

RCSI is the only specialist health sciences university in Ireland, offering its students the opportunity to study in an environment where all students at undergraduate, postgraduate and research level are pursuing excellence in the health sciences.

RCSI is the only Royal Surgical College (of the Royal Colleges in Canada, the UK or Australia) that also offers undergraduate degree programmes (in Medicine, Pharmacy and Physiotherapy).

RCSI is also Ireland's largest medical school and one of the most international medical schools in the world. The Times Higher Education World University Rankings (2016-17) places **RCSI in the top 250 institutions worldwide and joint 1st place in the Republic of Ireland.**

Excellence in Education

The RCSI School of Pharmacy provides a world-class innovative curriculum that prepares graduates for the ever expanding role of the pharmacist in the delivery of healthcare.

This includes:

- The opportunity to learn from leading researchers and practitioners in the Schools of Medicine and Pharmacy
- The development of advanced hands-on practical laboratory and clinical skills
- The opportunity to participate in international clinical and research elective programmes at diverse, prestigious institutions in the USA, China and Europe
- Structured work placements and collaborative research opportunities at leading Irish specialist hospitals and pharmaceutical industry sites.



The MPharm degree is accredited by the National University of Ireland (NUI) and the Pharmaceutical Society of Ireland (PSI). Graduates of the MPharm are therefore eligible to register as pharmacists in Ireland and throughout the European Union (EU) directly after graduation. The MPharm qualification also acts as a platform for professional registration as a practising pharmacist in other geographies throughout the world.

A Unique Student Experience

RCSI offers its students a unique learning environment in which to study, where they become part of a large international student community, studying an academically rigorous programme in the only specialist health sciences university in Ireland. The nature of the educational programmes on offer at RCSI results in an environment of high achieving students who work hard and balance this strong academic workload with a social life provided by the 70 + clubs and societies which are reflective of the wide range of non-academic interests of our international student body.

RCSI is not just a focal point of excellence in health sciences education. Located in the heart of Dublin city centre, the community of RCSI students from over 60 countries find themselves living in one of Europe's most exciting and culturally rich capitals.

As an English speaking country within the European Union, Ireland is a leading centre of education for international students. Nine of the top ten pharmaceutical companies in the world are located in Ireland providing excellent work placement opportunities for our MPharm students and unparalleled career opportunities for our graduates.



Dublin is ranked:

EUROPE'S

3RD best city for inward investment
- ICI Magazine, 2016

3RD friendliest city in the world
- Conde Nast Traveller Survey 2016



11TH best coastal city in the world
Chicago Line Cruises Survey, 2016

Ireland is ranked:

1ST in International Student Satisfaction Awards 2015
(The StudyPortals International Student Satisfaction Awards 2015)



9TH on the 2015/16 world rankings for Literacy and Education
(MBC Times, 20 Best Education Systems 2015/16)



"I chose the Pharmacy program because I've always had a **huge passion for helping others** and a strong belief in the importance of everyone having **access to good quality healthcare**, and **pharmacy was a program that fulfilled both of these interests**. The program has been challenging, but also very interesting and being **taught by world class researchers** and having labs that prepare you for real life pharmacy situations have helped enhance the learning experience."

Gurjeet Kaur,
Canada, Third Year Pharmacy

"I had a great experience studying Pharmacy in RCSI. The innovative teaching methods and dedicated lecturers **prepared me well for the work environment**. Getting to learn alongside students from other health related courses is a major plus. This has benefited me in my job as a community pharmacist, especially when liaising with other primary healthcare professionals. I love being in the front line of healthcare and building trust and rapport with my patients. **It makes me happy that I can offer help and support and to make a direct impact on the lives of people** I see in the community on a regular basis."

Ling Wei Lee,
Malaysia, Class of 2007, Community Pharmacist, Dublin, Ireland

"My journey through RCSI has been nothing **short of phenomenal**. After graduation I rotated through various clinical specialities in hospital pharmacy. I have since moved to the regulatory environment where pharmacists can contribute to the protection of public health through the evaluation of medicines before they can be manufactured and marketed."

Emil Bumanglag,
Class of 2013, Scientific Officer – Pharmaceutical Assessment, Health Products Regulatory Authority

"As global director of medical affairs for an international pharmaceutical company, **my training in RCSI has been an invaluable asset in building my career**. The School of Pharmacy, provided the highest calibre of training from both leading academic researchers and industry experts.

I gained an in-depth understanding and knowledge of pharmaceutical research and development, which has been the foundation of an exciting and rewarding career in the pharmaceutical industry."

Dr Padraig Moran, Global Medical Director,
*Global Medical Affairs,
Oncology, Astellas Pharma
RCSI PhD graduate 2006*

"My curiosity to know how medication works and passion for healthcare services led me into studying pharmacy today. The pharmacy career path gives you an **excellent job opportunity and with the diverse curriculum of the RCSI school of pharmacy, you can practically fit into any sector**, it provides you with an all round form of education."

Barinedum Yorkuri,
Nigeria, Fourth Year Pharmacy

MPHARM CURRICULUM

YEAR	ACADEMIC MODULES	
1	<ul style="list-style-type: none"> › Pharmacists: beginning the professional journey › Health body and function › Physical and chemical properties of drugs and their dosage forms 1 	<ul style="list-style-type: none"> › Professional development 1 › Gastrointestinal health: medicines and patient care › Physical and chemical properties of drugs and their dosage forms 2 › Cardiovascular health: medicines and patient care
2	<ul style="list-style-type: none"> › Respiratory health: medicines and patient care › Professional development 2 › Musculoskeletal health: medicines and patient care › Central nervous system health: medicines and patient care 	<ul style="list-style-type: none"> › Immunology: self-protection and management of response › Infection: optimising prevention and treatment strategies › Sensory and protective structures: health and potential for external delivery
3	<ul style="list-style-type: none"> › The liver and kidney: health, function and medicines handling › Professional development 3 › The endocrine system: hormones as signals and regulators 	<ul style="list-style-type: none"> › Men's and women's health: tailored care › Stages of life: the changing body and medicines handling › Malignant disease: optimising prevention and treatment › The drug life cycle: discovery and beyond
4	<ul style="list-style-type: none"> › Organisation and management skills › Professional skills development › Professional practice › Professional development 4 › Global and population health › Scientific research skills 	<ul style="list-style-type: none"> › Options: advanced medicinal chemistry › Options: education and training › Options: philosophy › Options: communication through creative media › Options: social justice › Options: team based product design
5	<ul style="list-style-type: none"> › Patient care and society › Professional development 5 › Decision making in complex care › Leadership in pharmacy: building the future 	<ul style="list-style-type: none"> › Supply of medicines and organisation and management skills › Leading the safe and rational use of medicines › Professional practice and public health › Clinical research skills

FOR MORE DETAIL ON OUR MPHARM PROGRAMME PLEASE LOG ON TO **rcsi.ie/undergradpharmacy**



call us on **+353 1 402 2581**



email **admissions@rcsi.ie**



**123 St Stephen's Green,
Dublin 2, Republic of Ireland**

RCSI is ranked in the top 250 institutions worldwide and joint 1st place in the Republic of Ireland in the Times Higher Education World University Rankings (2016-2017). It is an international not-for-profit health sciences university, with its headquarters in Dublin, focused on education and research to drive improvements in human health worldwide.

EDUCATIONAL EXCELLENCE IN SURGERY MEDICINE PHARMACY PHYSIOTHERAPY NURSING & MIDWIFERY RESEARCH LEADERSHIP POSTGRADUATE STUDIES RADIOLOGY DENTISTRY SPORTS & EXERCISE MEDICINE