



UNIVERSITY  
OF MEDICINE  
AND HEALTH  
SCIENCES

National  
Surgical & Clinical  
Skills Centre

# RCSI INTERNATIONAL UNDERGRADUATE PROSPECTUS 2023

MEDICINE

PHARMACY

ADVANCED THERAPEUTIC TECHNOLOGIES

PHYSIOTHERAPY

RCSI.COM/DUBLIN

RCSI UNIVERSITY OF MEDICINE AND HEALTH SCIENCES

INTERNATIONAL APPLICANTS **RCSI** LEADING THE WORLD TO BETTER HEALTH

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- ~ Nurture and support
- ~ Committed to service

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THE RCSI MISSION IS TO EDUCATE, NURTURE AND DISCOVER FOR THE BENEFIT OF HUMAN HEALTH. IN LEADING THE WORLD TO BETTER HEALTH OUR VISION IS TO CREATE HEALTHCARE LEADERS WHO MAKE A DIFFERENCE WORLDWIDE.



*your university, your journey, your future*







**Professor Cathal Kelly**

Vice-Chancellor, CEO & Registrar, RCSI

## THANK YOU FOR YOUR INTEREST IN STUDYING WITH RCSI

It is with great pleasure that I am presenting RCSI's 2023 EU Undergraduate Prospectus. Here we provide you with an overview of our University and the programmes that we offer on our Dublin campus in the disciplines of Medicine, Pharmacy, Physiotherapy and Advanced Therapeutic Technologies. This prospectus also offers insights into our students' academic and social experience, and gives a sense too of the career journeys that our students can enjoy after completing their studies with RCSI.

RCSI is an independent, not-for-profit university and our mission is to 'Educate, nurture and discover for the benefit of human health'. Established in 1784, RCSI was founded as the national provider of surgical training in Ireland. In the years since, RCSI has evolved to become one of the world's leading health sciences universities. With 70 different nationalities represented in our undergraduate student body and more than 28,000 alumni from 98 countries around the globe, we are also one of the most international in our outlook.

For the last six years, RCSI has consistently maintained its position among the world's Top 250 universities in the Times Higher Education (THE) World University Rankings. This is an achievement of which we are immensely proud. RCSI is also Top 50 in the world for 'Good Health and Well-being', which is testament to the commitment of our staff, students and researchers to enabling people to live long and healthy lives.

This year, RCSI also joined a prestigious group of medical schools to be recognised for excellence in Student Engagement by the ASPIRE programme. This programme follows a rigorous peer-review process to measure and benchmark medical schools for world-class excellence in education. This award is a reflection of the work of our staff and students who together have truly embedded a universal culture of student engagement and partnership right across all that we do in RCSI from institutional management and key decision making, to teaching and learning, academic research and engagement with our local communities.

The learning experience of RCSI students is a key priority for RCSI. We continually strive to ensure that our students enjoy the most immersive and stimulating of educational journeys. I am very pleased to inform you that this year sees the introduction of a revised undergraduate medical curriculum, which puts in place innovative new teaching methodologies, student choice modules and approaches to assessment, while enhancing our personal tutor system and introducing new learning communities.

While RCSI is already home to Europe's largest clinical simulation centre, we are working hard to develop our facilities and to ensure that our students enjoy an unrivalled campus experience. The next phase of our campus development plan, known as 'Project Connect', has recently launched. This €95 million expansion project will enrich students' experience of RCSI and provide vital infrastructure for pioneering health sciences research and innovation, as well as creating unique community engagement spaces.

I am delighted that you too are interested in becoming a healthcare professional. Should you decide to begin that journey with RCSI, you will have the opportunity to learn from leading academics, expert clinicians and innovative researchers, with a culturally diverse student body in a state-of-the-art campus in Dublin city centre. These are indeed exciting times at RCSI!

I trust you will find this prospectus informative and I hope to see you at RCSI in the near future.

# WHO WE ARE

AT RCSI UNIVERSITY OF MEDICINE AND HEALTH SCIENCES, EVERYTHING WE DO IS DESIGNED TO SERVE PATIENTS. OUR INDEPENDENCE ENABLES US TO CHART OUR OWN COURSE IN THE SERVICE OF EXCELLENCE IN HUMAN HEALTH.





## PROFESSIONAL STANDARD

RCSI was created – through the granting of a royal charter on 11 February 1784 – to set and support professional standards for surgical training and practice in Ireland. This surgical heritage continues to shape our approach to education, research and service today. At its very essence, surgery is the most exacting of disciplines, demanding professionalism, precision, skill and expertise at the highest level.

## HEALTHCARE INSTITUTES

We are an innovative, world-leading international health sciences education and research university with undergraduate and postgraduate schools and faculties across the health sciences spectrum. RCSI is home to numerous healthcare institutes as well as leading research centres that drive pioneering breakthroughs in human health. Located in the heart of Dublin, with international campuses in Bahrain and Malaysia – and a student community of over 60 nationalities – we have an international perspective on how we train tomorrow's clinical professionals today.



# TOP 50

University globally  
for 'GOOD HEALTH  
and WELLBEING'.



# TOP 250

RANKED in the  
world's TOP 250  
UNIVERSITIES



# No 1\*

UNIVERSITY for  
Student Engagement

\*joint winner

## NURTURE AND SUPPORT

A deep, professional responsibility to enhance human health through endeavour, innovation and collaboration in education, research and service informs all that we do.

We welcome students and researchers onto programmes of academic excellence. They will establish lifelong relationships with a community of clinically led colleagues, who will nurture and support them, enabling them to realise their potential to serve our global patient community.

## COMMITTED TO SERVICE

We are an independent, not-for-profit body and remain committed to institutional independence, service, academic freedom, diversity and humanitarian concern. Our independence enables us to chart our own course in the service of excellence in human health.

Placing the patient at the centre of all that we do, our values of respect, collaboration, scholarship and innovation continue to unite and direct our purpose.



## A SINGULAR FOCUS ON HEALTHCARE

**We are one of only a few prestigious universities worldwide to focus exclusively on the health sciences.**

Every decision, every lecture, each practical demonstration and research study focuses on enhancing human health. You will be part of our dynamic community of inspiring international educators, experienced clinicians and ground breaking researchers – all working to improve health outcomes. We are unique in offering the entire medical education spectrum, from undergraduate and postgraduate to continuous professional development. This big-picture view helps us understand, more than most, what it takes to develop 21st-century healthcare professionals, and we shape our offering accordingly.

# WHY RCSI?

**RCSI IS ONE OF ONLY A FEW PRESTIGIOUS UNIVERSITIES WORLDWIDE TO FOCUS EXCLUSIVELY ON THE HEALTH SCIENCES. WITH OUR FOCUS ON CLINICAL AND PATIENT-CENTRED RESEARCH, WE ARE CONTINUALLY SEEKING OUT GROUND BREAKING DISCOVERIES TO ADDRESS THE HEALTH CHALLENGES OF OUR TIME.**

## REPUTATION AND INDEPENDENT PURSUIT OF EXCELLENCE

RCSI is one of the top 250 (top 2%) universities worldwide in the 2022 Times Higher Education World University Rankings and ranks in second place out of all universities in the Republic of Ireland. RCSI ranks in the top 50 in the world by THE on the basis of our contribution to Sustainable Development Goal (SDG) 3 'Good Health and Well-being'.

Unlike most medical schools, which are part of large multi-faculty, government-funded universities, RCSI is an independent, not-for-profit institution. This independence allows us to pursue our own priorities in the pursuit of excellence in medical education, training and research. We set the pace that others follow. One example of this is our investment in 2017 in opening Europe's largest clinical simulation centre, developed to ensure that we continue to produce graduates with excellent communication and clinical skills.

## HIGH-IMPACT RESEARCH

With our focus on clinical and patient-centred research, we are continually seeking out ground breaking discoveries to address the health challenges of our time. Our research agenda drives scientific breakthroughs, innovations and insights that allow us to understand and respond quickly to the world's changing healthcare needs.

We have the highest research citation rate in Ireland and our field-weighted citation is double the world average. As an institution, RCSI has the highest success rates for EU Horizon 2020 applications of any Irish institution (26%). That means we do not just teach at RCSI, we are deeply committed to exploring and solving healthcare's greatest challenges, as they exist today. Our insights enhance patient treatment and care, while attracting the very best healthcare professionals in their fields to teach at RCSI. We strategically invest in our researchers and research facilities to deliver on our mission of leading the world to better health.

## EXPERIENTIAL OPPORTUNITIES

During your time at RCSI, you can participate in our Research Summer School and Clinical Electives.

### Research Summer School

From Year 1, you can spend your summer as part of a medical research team conducting clinical or laboratory research while receiving a financial stipend from RCSI.

### Clinical electives

You can also participate in electives involving direct patient clinical care in some of the world's leading hospitals or in developing parts of the world. Our dedicated team helps applicants source and manage these experiences through our network of strategic partnerships, including Johns Hopkins Hospital and University of Pennsylvania in the United States and University of Saskatchewan in Canada.



## 26 York Street

Our **CLINICAL SIMULATION** facility is among the **LEADERS IN SIMULATION EDUCATION** and **RESEARCH GLOBALLY**



**RCSI KEY RESEARCH THEMES**

1. BIOMATERIALS AND REGENERATIVE MEDICINE
2. CANCER
3. NEUROLOGICAL AND PSYCHIATRIC DISORDERS
4. POPULATION HEALTH AND HEALTH SERVICES
5. SURGICAL SCIENCE AND PRACTICE
6. VASCULAR BIOLOGY





**THE LARGEST CLINICAL SIMULATION FACILITY IN EUROPE IS LOCATED IN THE RCSI CAMPUS AT 26 YORK STREET, HERE YOU WILL MASTER ESSENTIAL SKILLS BEFORE WORKING WITH REAL PATIENTS.**

## **OUR PROGRAMMES AND HANDS-ON TEACHING ENVIRONMENT**

We are home to Europe's largest clinical simulation facility. From the earliest stages, you will combine classroom learning with hands-on experience in simulated and real clinical environments at RCSI teaching hospitals. You will learn anatomy through regional cadaveric dissection and benefit from being taught by working surgeons and healthcare professionals.

Early patient contact is a vital element of our programmes at RCSI. From the start of your training, you will apply what you learn in the lecture theatre to patients and clinical situations in RCSI teaching hospitals. These early clinical experiences are a combination of patient case studies, consultation labs, medical actors, volunteer patients and high-fidelity clinical simulator technologies.

RCSI's undergraduate and graduate entry programmes are noted for their contemporary curricula and immersive teaching methods.

Our faculty are award-winning academics, clinicians and researchers who have been independently recognised by prestigious institutions including the Health Research Board (HRB), the Royal Irish Academy (RIA) and the United Nations Educational, Scientific and Cultural Organisation (UNESCO).

Our approach to teaching recognises the importance of balancing medical knowledge with experiential learning.

**INTERNATIONALLY, RCSI HAS AN OUTSTANDING REPUTATION FOR INNOVATION IN SURGICAL TRAINING, MEDICAL EDUCATION AND SCIENTIFIC RESEARCH.**





## GLOBAL IMPACT

As a leading institution in healthcare, medicine and research, RCSI advances health and wellbeing worldwide. We continuously seek ways to further our humanitarian goals and make an impact on a global scale. An example of this is our partnership with the College of Surgeons of East, Central and Southern Africa (COSECSA).

RCSI and COSECSA have been working together to increase the number of trained surgeons and to improve the quality of surgical care in sub-Saharan Africa. The aim of the programme is to create a sustainable training institution, which can rapidly increase the number of surgical specialists and improve surgical care in the region.

RCSI has a global footprint which reaches beyond Dublin. We deliver the same world-class medicine curriculum across three time zones between our Dublin, Bahrain and Malaysia campuses. The RCSI Medical University of Bahrain is a constituent university of RCSI and is licensed by the Higher Education Council in the Kingdom of Bahrain as an independent private university.

**LIKE RCSI DUBLIN, COSECSA IS A NOT-FOR-PROFIT HEALTH SCIENCES INSTITUTION FOCUSED ON NURSING AND MEDICINE PROGRAMMES ALONG WITH RESEARCH TO DRIVE POSITIVE CHANGE IN ALL AREAS OF HUMAN HEALTH WORLDWIDE.**

The RCSI and UCD Malaysia Campus (RUMC) is Malaysia's first accredited private medical school, owned and established by the Royal College of Surgeons in Ireland (RCSI) and University College Dublin (UCD). This campus offers a medicine programme only. Students taking part in this programme spend the first two years in Dublin and complete the remainder of the degree in Penang.



**4,000**

STUDENTS from  
over 60 countries



**+28,000**

GLOBAL community  
of ALUMNI working  
WORLDWIDE



**x2**

RESEARCH impact  
is DOUBLE THE  
WORLD AVERAGE



DUBLIN CITY CENTRE IS  
COMPACT, MAKING IT EASY TO  
GET JUST ABOUT ANYWHERE  
YOU WANT TO GO. THERE ARE  
COUNTLESS OPTIONS RIGHT  
ON YOUR DOORSTEP.

## LIFE IN DUBLIN

Dublin is the perfect city for student living. It is exciting, multicultural, safe and easy to navigate. The RCSI main campus is right in the heart of the action and is located opposite one of the most beautiful parks in Europe, St Stephen's Green. The city is packed with attractions for local and international students alike. Whether you are looking for coffee houses, theatres, music, sports fixtures, museums or any form of entertainment, our cosmopolitan capital caters for every taste.

Dublin is a coastal city with incredible natural beauty, from the beaches and walks along Dublin Bay to the forested Wicklow Mountains. There are many interesting places to visit and explore, most of which are easily accessible through a convenient public transport network.

The capital has a population of 1.5 million, including 75,000 third level students. This makes the city big enough to have a lively social life and small enough for international students to feel they are part of Dublin life.

# YOUR EXPERIENCE

*your journey*





## CITY CENTRE LOCATION

RCSI is located in the heart of Dublin's historic city centre, close to the city's central shopping area and opposite the beautiful St Stephen's Green. Dublin's city centre is compact, making it easy to get just about anywhere you want to go on foot. It is a friendly, welcoming and culturally diverse city with a large international student community, ensuring no matter where you're from, you'll find it easy to settle in.

## City Campus Living

Our city centre campus is located in the heart of Dublin and is built to meet the needs of your present and future.

Perfectly situated to provide you with a balanced life during your studies, the campus is easily accessed by public transport and surrounded by cultural hotspots, shops, cafés and restaurants.

Two centuries of graduates committed to improving patients' lives launched their careers in these exact spaces.



**2022**  
BEST GREEN  
CAMPUS AWARD  
2022



**TOP 5**  
DUBLIN ranked  
TOP 5 "CITIES FOR  
THE FUTURE"



**+1,000**

LEADING  
MULTINATIONAL  
COMPANIES have  
their **EUROPEAN HQ**  
IN DUBLIN (including  
Google, Facebook,  
Microsoft, IBM and  
GlaxoSmithKline)



WATCH A TOUR  
OF DUBLIN





AS THE ACADEMIC PROGRAMMES  
ARE DEMANDING, IT IS ESSENTIAL  
THAT YOU TAKE TIME AWAY FROM  
THE BOOKS TO FIND A SUITABLE  
STUDY/LIFE BALANCE.



## STUDENT EVENTS

University life needs to be a healthy balance between study and recreation. Your workload will be demanding, but we also want you to experience the full spectrum of life at RCSI.

Our numerous clubs and societies are active throughout the year and there are always fantastic student events to help you unwind after a busy week of study.

Some of the most memorable RCSI moments happen outside the classroom. During the year, you might raise vital funds for charity, achieve your sports goals and go to the best parties in town. Meet people from every part of the globe and find the club or society that suits you.

**DURING YOUR TIME AT RCSI YOU WILL DEVELOP PERSONALLY AND PROFESSIONALLY, AND MAKE CONNECTIONS AND FRIENDSHIPS THAT WILL LAST A LIFETIME.**

The events calendar is packed all year round. Popular events include the College Ball, International Food Night, the Chocolate Ball and the Teddy Bear Hospital. There is also a month-long series of events during RCSI Cultural Diversity Month in March, which showcases the culture, traditions, food, music and dance from RCSI students' home countries.

Our rugby team travels to France every other year to compete against a Parisian medical school, and RCSI's student runners have competed in the Boston Marathon for more than 20 years. If you like the great outdoors, the RCSI Climbing and Mountaineering Club organises several members' climbing trips to some of the highest peaks in Ireland.



## FITNESS CENTRE

The sports and fitness centre spans two floors and provides students with the very best facilities to help balance academia with a fit and healthy lifestyle

The extensive opening hours mean that it is open when it suits you, whether it's an early session to wake you up, a lunchtime workout to invigorate your afternoon's study or a late-night routine to finish your day. The gym and all services are free and our team of experienced personal trainers is available to assist you in achieving your health goals.

The fitness centre caters for everyone, from complete beginners to regular exercisers, and is fitted out with premium gym equipment. We also have a full intervarsity regulation sports hall that can host many indoor sports and is freely accessible to all of our students.



### +50

#### STUDENT SOCIETIES

ranging from career-focused to societies for art enthusiasts and bookworms



### +35

#### SPORTS CLUBS

many of which represent RCSI at intercollegiate competitions and regional and national tournaments



### +1m

**BOOKS** in 26 York Street, Beaumont Hospital and Heritage Collections in Mercer Building

## CLUBS AND SOCIETIES

Our graduates tell us the importance of engaging in student life and how it gave them the edge in their postgraduate training and chosen careers.

**OUR CLUBS AND SOCIETIES ALLOW YOU TO BECOME IMMERSSED IN A DIVERSE COMMUNITY OF IRISH AND INTERNATIONAL STUDENTS. EXTRACURRICULAR ACTIVITIES HELP YOU DEVELOP STRONG INTERPERSONAL SKILLS, VALUES AND ATTITUDES.**

The student societies include art, choral, photography, pride, environmental and music. Our careers societies include paediatrics, neuroscience, pathology and ophthalmology. Sports clubs include cycling and mountain biking, equestrian, gymnastics and surfing while team sports include soccer, rugby, hockey and basketball.



**THIS FORM OF HEALTHCARE TEACHING REPRESENTS A GIANT LEAP FORWARD FOR CLINICAL TRAINING NOT JUST IN RCSI BUT ALSO INTERNATIONALLY, CEMENTING RCSI'S PLACE AT THE FOREFRONT OF HEALTHCARE EDUCATION.**



**10**

**OUTPATIENT CONSULTATION ROOMS**, where simulated patients assist in developing consultation skills



**6**

**HOSPITAL WARD ROOMS**, which use high-fidelity manikins to develop students' clinical skills in dealing with emergencies



**30**

fully-equipped and multi-purpose 'WET-LABS' for up to **30 TRAINEES**

## **SIMULATION CENTRE**

RCSI SIM (Centre for Simulation Education and Research) enables RCSI's mission by delivering transformative learning experiences and leading impactful research. Through collaboration, learner-centredness, and patient focus, we strive to enable excellent outcomes-based translational education and research. These translational outcomes mean that we value not only learning that occurs in simulation, but also that transfers to clinical workplaces and impacts patients.

### **Our Mission**

To perform world-class simulation-based education and research at RCSI and beyond to meet the needs of our future healthcare professionals and their patients.

### **Our Vision**

To design, implement and evaluate highest quality simulation-based education and research to ensure transformative education for the RCSI community and those who benefit from our work, including learners and staff and the patients they serve.



**TAKE A VIRTUAL TOUR  
OF OUR CLINICAL  
SIMULATION CENTRE**



## **LIBRARY SERVICES**

RCSI's Library Services team provides resources, services and facilities to support the learning, teaching, research and clinical activities at RCSI.

Focused on health sciences, our extensive online collections include biomedical databases, online textbooks, clinical summary tools and electronic journals. All e-resources and online services for RCSI students and staff are described and accessible via the library website.

On-site services and facilities at libraries in the city centre campus and Beaumont Hospital include multiple spaces designed to support individual and group learning and small collections of print books and textbooks.

Throughout your programme, library health information specialists can assist you in finding, evaluating, using, and managing information. This is an integral part of your studies and the basis of evidence-based practice.

The Library Services Team supports development of these skills through curriculum workshops, dedicated customer services teams at on-site and virtual information desks, online guides and one-to-one consultations throughout the year.

Library Services is also responsible for managing RCSI's extensive Heritage Collections, which reflect the history of RCSI and the advancement of teaching and practice of surgery and medicine in Ireland. You have the access and opportunity to engage with these collections through online and on-site exhibitions, visiting the Heritage Collections Reading Room and undertaking research projects as part of the Research Summer School.





AT RCSI, WE WELCOME STUDENTS  
FROM EVERY CORNER OF THE WORLD,  
AND AIM TO CREATE A 'HOME FROM  
HOME' FOR ALL OUR RESIDENTS.

## LIVING SPACE

When it comes to accommodation, there are options to live both on or off-campus. Our on-campus accommodation at Mercer Court and New Mill Street is popular with students who are attending university for the first time, particularly students from overseas.

On-campus accommodation provides you with an easier transition into life away from home and ensures you are part of a community of students in the same situation.

Some of our Graduate Entry students prefer to live off-campus and we have a dedicated Student Services team to ensure you find suitable accommodation in Dublin.



### 24/7

**SECURITY**  
in **ALL OUR**  
**ACCOMMODATION**  
to ensure safety and  
comfort



### 100%

**WIRED & WIRELESS**  
internet access in all  
accommodation



## CENTRE

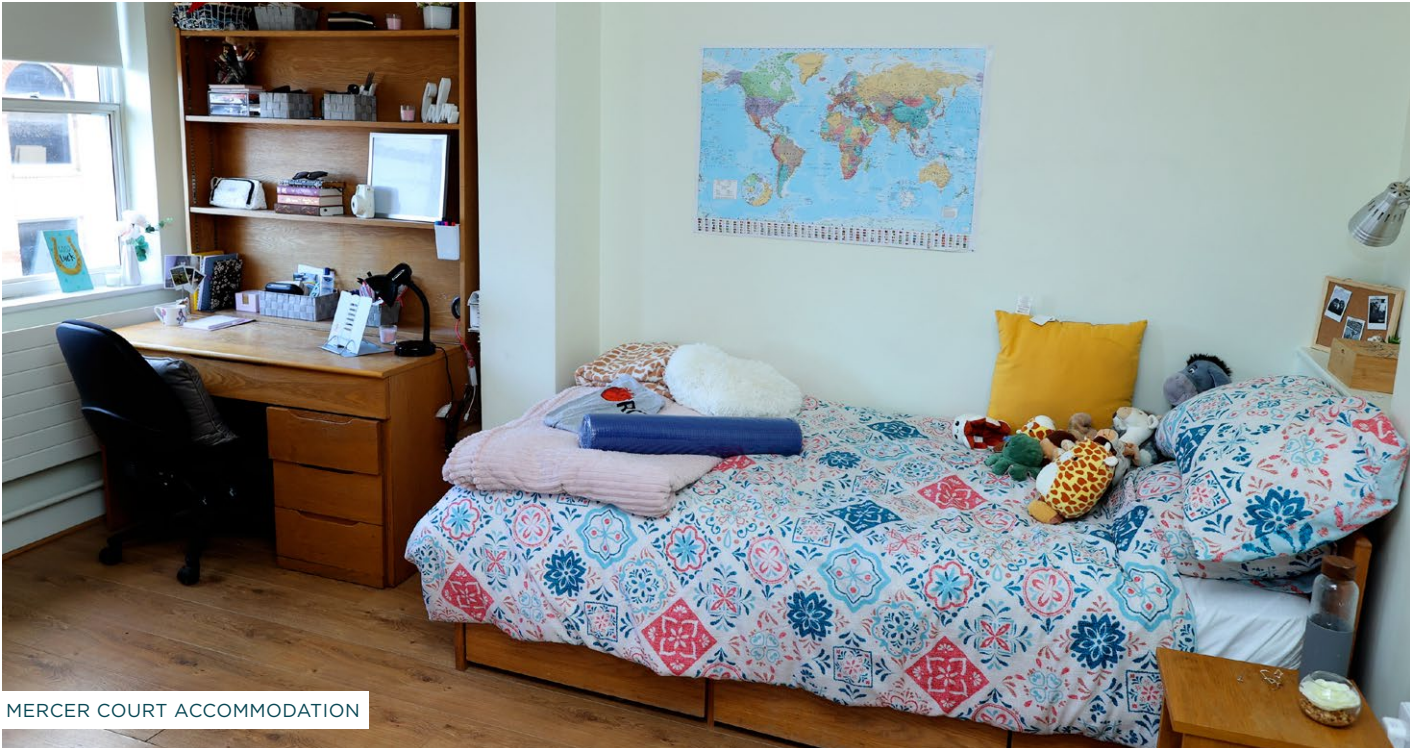
**LOCATED**  
**WITHIN WALKING**  
**DISTANCE** of the  
University and the  
RCSI Library



WATCH A TOUR OF RCSI'S  
ACCOMMODATION





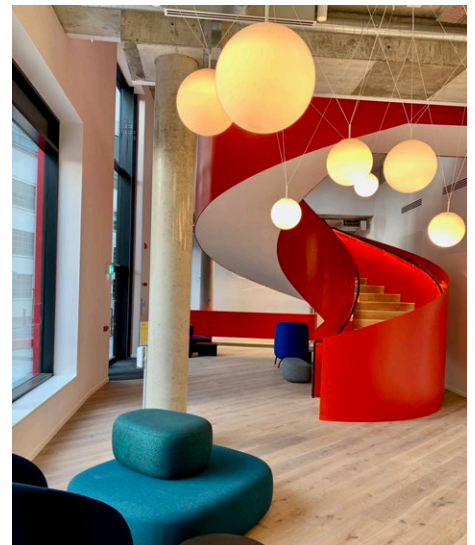


MERCER COURT ACCOMMODATION

WHILE TAKING ON THE PRACTICAL RESPONSIBILITIES OF LIVING INDEPENDENTLY, YOU ALSO HAVE A WONDERFUL OPPORTUNITY TO FORGE NEW FRIENDSHIPS AND NETWORKS.



SCAPE ACCOMMODATION



NEW MILL STREET ACCOMMODATION



# National Surgical & Clinical Skills Centre

## **STUDENT OPPORTUNITIES**

As part of our mission to create well-rounded, clinically distinguished healthcare professionals, we challenge our students to participate in academic opportunities and extracurricular activities.

These activities will not only help to build your skillset, but will also give your professional career the best possible start.

# **YOUR OPPORTUNITIES**

THERE IS A RANGE OF OPPORTUNITIES OPEN TO YOU WHILE STUDYING AT RCSI AND PARTICIPATION CAN PROVIDE CLARITY AROUND THE AREA OF HEALTHCARE THAT YOU WISH TO PURSUE AFTER GRADUATION.

*your journey*





**RCSI OFFERS A NUMBER OF OPPORTUNITIES FOR STUDENTS TO ENGAGE WITH THE COMMUNITY THROUGH VOLUNTEERING AND OTHER ACTIVITIES.**

## **VOLUNTEERING**

The REACH RCSI Programme is a unique community outreach and access programme that promotes recreation, education and community health.

Students are encouraged to participate in various initiatives throughout the year including a second-level education homework club, science workshops and sports and health programmes.

These initiatives enhance the life chances of young students from socially-disadvantaged areas who are traditionally underrepresented at university level education.

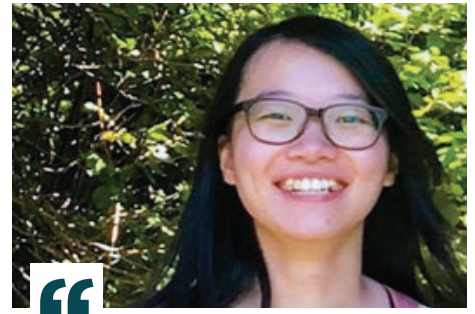
You can help by leading teams, encouraging the children taking part and running a variety of events and sports activities.

## **INTERNATIONAL CITIZENSHIP PROGRAMME**

RCSI is a uniquely international education setting with a multicultural atmosphere. There are currently several activities where students work together on volunteering and citizenship activities, and on celebrating RCSI's multicultural nature in the International Citizenship Programme.

The International Citizenship Programme encourages you to reflect on and develop the skills, values and attitudes you will need to work effectively in a culturally diverse healthcare environment. This structured self-directed programme empowers you to avail of the rich multicultural opportunities for self-development through enriching extracurricular activities, interacting with others from diverse backgrounds, and formally reflecting on your personal development through these activities, supported by staff mentors. If you successfully demonstrate an 'International Outlook' in these areas, the programme leads to an International Citizenship Award.





I applied for a research project through the RCSI Research Summer School. My PI (primary investigator) was from the Neuroscience faculty at RCSI and he was super supportive for the duration of the project. I was accepted for the Irish Health Research Board grant for summer student researchers, which provided me with a stipend for the duration of my project.

My topic was the effect of ketamine on electroconvulsive therapy (ECT) for treatment-resistant depression (TRD). Essentially, ketamine has shown great potential for treating TRD and has gained traction in the research field in the past few years. I looked to see if paired with ECT, which has been a common treatment for TRD for decades, would ketamine enhance the therapeutic effects.

Overall, I had quite a lovely experience. A huge part was how accessible it was to apply for projects, as it was centralized through the RSS portal. I've had the perfect ratio of hands-on/hands-off teaching from this experience - I definitely feel a lot more confident to approach other researchers and conduct research outside RCSI!

**CHLOE CHAN**

Medicine, Year 3



## RESEARCH ELECTIVES

### Research Summer School

RCSI Research Summer School (RSS) provides you with opportunities to undertake clinical and laboratory research as part of a medical research team. Participation is strongly encouraged and you can apply to take part from Year 1 of your studies. Should your application be successful, you will have the opportunity to work as part of a research team over an eight-week period while receiving a financial stipend from RCSI for your contribution. On completion of your project, you will have the opportunity to present your findings at the RCSI Annual Research Symposium, which takes place in April each year.

Students can receive awards for their research both at national and international meetings and sometimes go on to have their research published in medical and scientific journals.

### Student Medical Journal

The *RCSI Student Medical Journal* (SMJ) publishes student research, ranging from basic laboratory science and clinical work to humanities analysis of medicine in society. The goal of the RCSI SMJ is to encourage student research, writing and submission for publication. Publication in the journal ensures your research reaches a broad international readership through its print and electronic versions [rcsismj.com](http://rcsismj.com)

### Funded research opportunities

Each year, two Anatomy Summer Studentships in an institutional research laboratory are offered to RCSI undergraduates. They are designed to allow students to investigate aspects of anatomical research and its applications.

### Overseas research electives

Annually, a number of undergraduate RCSI students are partially funded to take part in two-month research programmes in an Erasmus\* country. This offers the perfect opportunity to enhance your international experience of work and student life in another European country.

*\*The Erasmus Programme is a European Union (EU) student exchange programme.*



Photo Courtesy of Dr. Ben LaBrot,  
RCSI Class of 2006, Founder of The Floating Doctors



## CLINICAL ELECTIVES

Participation in clinical electives is very beneficial to students entering their final years at RCSI. Electives are an enriching experience for students who work with patients in some of the world's leading hospitals. They offer the potential to gain valuable contacts and crucial 'letters of reference' for future career opportunities.

Through a network of strategic partnerships with institutions such as Johns Hopkins University, University of Pennsylvania, and University of Saskatchewan, RCSI offers a number of overseas clinical elective places for Final Year students each year. These clinical electives are competitively applied for internally at the start of Senior Cycle 1 or Graduate Entry Medicine (GEM) 3.

Supported by the electives team, students can also secure clinical electives at some of the most prestigious institutions in North America.

**ELECTIVES CAN BE APPLIED FOR IN HOSPITALS ASSOCIATED WITH JOHNS HOPKINS UNIVERSITY, UNIVERSITY OF PENNSYLVANIA, LAHEY HOSPITAL AND MEDICAL CENTER, AND THE UNIVERSITY OF SASKATCHEWAN.**

Clinical electives are managed by RCSI's dedicated and highly-experienced team who will provide you with advice throughout the process and administrative support with your application.

The electives team at RCSI assist students in maximising their efforts to achieve their long term career goals.





**Family Medicine at Dr John O'Mahony Family Practice and Dr Joy Singh Private Family Practice (Selective), Ontario Rheumatology, Beaumont Hospital, Dublin**

**Family Medicine, Wyckoff Heights Medical Center, New York**

I applied for clinical electives in the USA through the VSLO (Visiting Student Learning Opportunities) and the collaborative elective agreement program at RCSI. I was honoured to receive a collaborative elective at Tufts University through this program. I would highly recommend applying for the collab program, even if you might think you won't get one. The process was seamless and there are some incredible programs offering electives with collaborations with RCSI. Unfortunately, my elective with Tufts was cancelled due to COVID-19, but RCSI was really helpful in organising alternative electives for me.

Before my elective in Sarnia, Ontario, I knew that I wanted to pursue Sports Medicine, but I was undecided on what specialty I would apply to for residency. This elective overwhelmingly confirmed that Family Medicine is the right field for me. I was excited by the broad clinical exposure, and the ability to pursue special interests, such as lumps and bumps removal clinics, inpatient medicine, emergency medicine, geriatrics, obstetrics, and circumcisions clinics that my supervisor was able to fit into his work as a family physician. This experience showed me that I can make a big impact in Family Medicine and that I really enjoy the work and life of a family doctor. I applied only for Family Medicine residency programs in North America and am ready to commit the rest of my life to the field.

#### **AUDREY POTTS**

Medicine, Final Year



**General Medicine/Geriatrics (Sub-Internship) & Interventional Radiology (IR), Beaumont Hospital, Dublin Pulmonary & Critical Care, Mayo Clinic, Minnesota**

**Diagnostic Radiology: Body (Selective) Pennsylvania Hospital (Pennsy), Philadelphia**

My time at Beaumont Hospital was fantastic. The team up on Whitworth Ward was very all accommodating and provided me with the support necessary to learn 'How to be an intern'. All the registrars and consultants love to teach, the case load was very high, and I was able to write a case report on an interesting patient during my time in the IR department.

The Mayo Clinic was an eye-opening experience I will never forget. I highly recommend all RCSI students apply to this elective as it provided me with an invaluable insight into the American healthcare system. My experience was essentially as sub-intern, solely responsible for three patients at a time. The learning curve was steep, and I have to admit the first week was difficult. The most valuable things I learned during my time were how to write a comprehensive SOAP (Subjective, Objective, Assessment and Plan) note, how to communicate effectively with members of my team, and simply put; how to care for a patient from when they enter the hospital to when they leave.

Pennsy Hospital was such a memorable experience. I learned so much about Radiology through daily morning lectures, study interpretation and procedures, and through delivering a presentation to my residents/attendings. As mentioned above, Radiology electives involve a lot of watching and do not require much transition. I learned early on that the best way to best use my time and make a great impression was to be actively engaged!

#### **JOHN KARP**

Medicine, Final Year

**STUDENT WELFARE**

The CoMPPAS (Centre for Mastery: Personal, Professional & Academic Success) Student Welfare team provides confidential one-to-one support and advice for students at RCSI. The service is Social Worker led and aims to empower students to reach their full potential and overcome the challenges they meet in the course of their studies. The Student Welfare team also facilitates workshops and runs events to promote positive health and wellbeing on campus.

**Counselling service**

RCSI offers a confidential and independent counselling service which is located off campus. The service has extensive experience over many years in providing counselling support to RCSI undergraduate students (including Graduate Entry Medicine students). On behalf of RCSI, it manages a diverse panel of professionally registered counsellors with a broad range of expertise, located across the city.

**Student Assistance Programme**

The CoMPPAS Student Assistance Programme (CSAP) is a confidential and independent counselling and specialist information service available to all RCSI students. It can be accessed 24 hours a day, 365 days a year, from anywhere in the world. This service provides both phone-based support and in-person counselling sessions.







### **Primary care**

All undergraduate students of RCSI (including Graduate Entry Medicine students) are entitled to free General Practice consultations at our on-campus medical centre. Our student scheme also helps you source the most appropriate health insurance plan on a reduced annual premium.



AS AN RCSI STUDENT, YOU WILL ATTEND A WIDE VARIETY OF PUBLIC, PRIVATE AND SPECIALIST TEACHING HOSPITALS AND CLINICAL SITES WHERE YOU WILL LEARN TO HONE YOUR CLINICAL AND PROFESSIONAL SKILLS.

## EDUCATION & CLINICAL NETWORK

**Affiliated, specialist and private hospitals and clinical sites.**

**1 - Beaumont Hospital** is the largest academic teaching hospital in the RCSI Hospitals Group. Emergency and acute care services are provided across 54 medical specialties and Beaumont Hospital is a designated Cancer Centre and the Regional Treatment Centre for Ear, Nose and Throat (ENT) and Gastroenterology. Beaumont Hospital is also the National Referral Centre for Neurosurgery and Neurology, Renal Transplantation and Cochlear Implantation.

**1 - Connolly Hospital** is a major teaching and health-promoting hospital. Services include a 24-hour Emergency Department, acute medical and surgical services, acute psychiatric services, long-stay residential care, day care, outpatient care plus diagnostic and therapeutic and support services.

**1 - Rotunda Hospital** was founded in 1745 and is the oldest continuously operating maternity hospital in the world. The hospital delivers approximately 9,000 babies annually and provides pregnancy, neonatal and gynaecological care.





**2 - Our Lady of Lourdes Hospital**

provides acute medical and surgical services as well as maternity services to Louth, Meath and the surrounding areas including parts of North County Dublin.

**2 - Louth County Hospital** provides acute and community care services to the population of counties Louth, Meath and Monaghan.

**3 - Cavan & Monaghan Hospital** provides acute and community care services to the population of both counties and extends to counties Meath, Longford and Leitrim.

**1 - National Maternity Hospital** provides obstetrics, gynaecology and neonatal services and delivers more than 8,000 babies each year.

**1 - Coombe Women & Infants University Hospital** provides comprehensive care for women and infants at local, regional and national levels and delivers approximately 9,000 babies each year.

**1 - Children's Health Ireland at Crumlin** is an acute paediatric hospital. Major specialties at the hospital today include neonatal and paediatric surgery, neurology, neurosurgery, nephrology, orthopaedics, ENT and plastic surgery.

**1 - The Royal Victoria Eye and Ear Hospital**

is a public teaching hospital in Dublin. It is the National Referral Centre for eye, ear, nose and throat disorders and provides specialist care in ophthalmology.

**1 - Cappagh National Orthopaedic Hospital** is Ireland's major centre for elective orthopaedic surgery and the largest dedicated orthopaedic hospital in the country.

**1 - National Rehabilitation Hospital** provides complex specialist rehabilitation services to patients who require specialist medical rehabilitation.

**1 - St. Colmcille's Hospital Loughlinstown** provides a range of services to a diverse population covering South County Dublin and County Wicklow. Services include an injury unit, medical assessment unit, acute medical in-patient services, day surgery, outpatient care and diagnostic services.

**1 - Blackrock Clinic** is the leading and longest-established private hospital and clinic in Ireland. The clinic has built an unparalleled reputation in new high-tech surgical procedures, medical treatments and ground-breaking diagnostics.

**1 - The Bon Secours Private Hospital Dublin** is an independent acute care hospital in Glasnevin, Dublin, providing medical care to patients from Dublin and across Ireland since 1951.

**1 - Hermitage Medical Clinic** is a 112-bed private hospital in Lucan providing medical, surgical and advanced radiotherapy care to patients supported by the very latest medical technology and most advanced diagnostic equipment.



**1 - Cluain Mhuire Service** is a community-based adult mental health service covering a population of more than 175,000 in the Dublin South East region.

**7 - Galway Clinic** is a state-of-the-art, 146-bed hospital that provides 24-hour healthcare services. Here, more than 140 highly skilled physicians and surgeons cover a wide variety of specialties.

**1 - Mental Health Services** are provided through the HSE across all regions.

**5 - Our Lady's Hospital Navan** is part of the Louth/Meath Hospitals Group and provides general acute hospital services and orthopaedic services to the region.

**1 - Peamount Healthcare** is an independent voluntary organisation that provides rehabilitation, residential and community services.

**1 - St Patrick's Mental Health Services** is Ireland's largest, independent, not-for-profit mental health service. It provides both community and outpatient care through its Dean Clinics and day-patient services through the Wellness and Recovery Centre.





**6 - Regional Hospital Mullingar**

provides a range of acute and specialist services to the population of counties Westmeath, Longford and the wider community.

**4 - South West Acute Hospital,**

Enniskillen, delivers a wide range of services including general medicine, surgery, maternity and paediatric medicine and is part of the Western Trust.

**1 - St John of Gods Hospital** is an acute psychiatric teaching hospital, with 182 in-patient beds, providing mental health treatment and care.

**8 - St Luke's General Hospital Carlow-Kilkenny**

is a large hospital providing acute healthcare services.

**9 - University Hospital Waterford**

provides general medical, surgical and maternity care. It also provides the following specialty services: cardiology, trauma orthopaedics, ophthalmology, neurology, nephrology, rheumatology, urology, vascular surgery, ENT and neonatology, radiology, pathology and microbiology.



**AT RCSI, HELPING YOU TO  
BUILD YOUR CAREER AND  
REALISE YOUR POTENTIAL AS A  
HEALTHCARE PROFESSIONAL  
IS OUR NUMBER ONE PRIORITY.**

## **CAREER DEVELOPMENT**

We currently have an alumni network globally in excess of 28,000, many of whom are working in some of the most prestigious hospitals and healthcare institutions such as University of Toronto, Mayo Clinic and Johns Hopkins Hospital Group.

We understand that for a lot of students, the priority is to secure a competitive residency after graduation. To maximise your success in this regard, RCSI faculty and students work together to ensure that candidates are completely ready when applying for residency.

RCSI provides a variety of resources many of which sit with the CoMPPAS Office (Centre of Mastery: Personal Professional & Academic Success).

## **CoMPPAS Team**

The CoMPPAS office is home to a dedicated multi-disciplinary team of specialists working collaboratively to facilitate and empower students to achieve their personal, academic and professional goals. The services provided by CoMPPAS are available to all students, allowing them to maximise their potential and enhance their performance.

CareerHub is our online platform which provides access to your career portfolio, resources, events, workshops and consultations. This provides the platform for us to work with you individually to develop a bespoke career strategy for residency.

Everything is designed around your needs as a student and supports are given to our students wishing to practice overseas, particularly in the US and Canada, where extensive preparation is required.

Not only do the CoMPPAS Team at RCSI support you throughout your journey at the university, they also provide support to our graduates for up to 3 years post-graduation.

# **YOUR FUTURE**





At RCSI, we believe that preparation for securing a residency in the USA or Canada starts from year 1 on your programme. There are many things that you can do to support your application before you start to think about the USMLE and MCC exams.



### **CIMSA and AMSA**

Two of the largest societies in RCSI are the American Medical Student Association (AMSA) and the Canadian International Medical Student Association (CIMSA). Both of these societies support students here in Ireland who are in pursuit of residency opportunities in North America. On entry to RCSI, students are encouraged to join these societies and proactively engage in a series of practical career-focused workshops, and attend hosted Canadian and US medical specialty talks and webinars.

### **Clinical Electives**

RCSI invests considerable time and resources to building relationships that in turn facilitate clinical electives with North American institutions of strategic importance. In the final two years of the programme, the CoMPPAS team host an annual International Clinical Electives information night to inform students of opportunities that are available in North America. Participation in clinical electives is an essential part of the programme for North American students and we work with you to see what is required help you secure one.

### **Mentor Network**

The RCSI Mentor Network is a unique interactive portal where senior clinical students can connect directly with alumni working in careers that may be of interest to them. This initiative helps you to make informed career decisions as you move from undergraduate education to post-graduate training opportunities in healthcare settings throughout the world. You can reach out to alumni to get advice and learn how best to succeed in your chosen career path. Our mentors are based in a wide array of countries around the world.

### **Pathway to Residency**

Our CoMPPAS team have developed distinct programs that support students with their preparation for professional medical licensing examinations. They are well informed on licensing requirements, ensuring our Pathways to Residency programs support the advancement of our graduates and returning international medical graduates.

**RCSI NORTH AMERICA RESIDENCY MATCH RATES 2022**

The range of clinical specialties and location of Residencies secured by the **Class of 2022** in both Canada and the USA are shown below.

<b>USA</b>	
HOSPITAL/INSTITUTION	PROGRAM
Jefferson Health Northeast PA	Emergency Med-Family Med
Stanford Health Care CA	Emergency Medicine
SUNY Upstate Medical University NY	Emergency Medicine
Lincoln Med Center NY	Emergency Medicine
Merit Health Wesley MS	Emergency Medicine
Rutgers Robert Wood Johnson Medical School NJ	Family Medicine
MultiCare Good Samaritan Hospital WA	Family Medicine
Mayo Clinic School of Grad Med Education MN	Family Medicine
Mayo Clinic School of Grad Med Education MN	Family Medicine
Providence St Peter Hospital WA	Family Medicine
Eastern Maine Med Center ME	Family Medicine
Valley Health System NV	Family Medicine
Mayo Clinic School of Grad Med Education MN	Family Medicine
U Central FL/HCA Healthcare GME	Internal Medicine
Lankenau Med Center PA	Internal Medicine
Pennsylvania Hospital PA	Internal Medicine
Pennsylvania Hospital PA	Internal Medicine
Albany Med Center NY	Internal Medicine
Mount Auburn Hospital MA	Internal Medicine
ISMMS Mount Sinai Morningside West NY	Internal Medicine
Northeast Georgia Med Center GA	Internal Medicine
Northeast Georgia Med Center GA	Internal Medicine
Westchester Medical Center NY	Internal Medicine
Advocate Health Care IL	Internal Medicine
SUNY HSC Brooklyn NY	Medicine
Cayuga Med Center NY	Medicine-Primary
University of Illinois College Of Medicine -Peoria IL	Neurology
University of Utah Health UT	Obstetrics-Gynecology
Summerville Med Center SC	Obstetrics-Gynecology
University of Washington Affil Hosps WA	Pathology
MedStar Georgetown University Hospital DC	Pediatrics
Zucker SOM-Northwell Staten Island University NY	Pediatrics
Rutgers-Newark Beth Israel Medical Center NJ	Pediatrics
Maimonides Medical Center NY	Pediatrics
Maine Medical Center ME	Pediatrics
Eastern Virginia Medical School VA	Pediatrics
Jacobi Med Center/Einstein NY	Pediatrics
Rutgers Robert Wood Johnson Medical School NJ	Pediatrics
Childrens Hospital Boston MA	Peds/Childrens Hospital
Hospital of the University of PA	Surgery-Preliminary
Massachusetts Gen Hospital MA	Surgery-Preliminary
Johns Hopkins Hospital MD	Surg-Preliminary
Mercy St Vincent Med Center OH	Transitional/Neurology

**CLASS OF 2022**

EXAM	% MATCH RATE
<b>NRMP</b>	<b>86%</b>
<b>CaRMS</b>	<b>88%</b>



**CANADA**

HOSPITAL/INSTITUTION	PROGRAM
McMaster University	Family Medicine
McMaster University	Family Medicine
McMaster University	Internal Medicine
Queen's University	Internal Medicine
Queen's University	Internal Medicine
Queen's University	Psychiatry
Queen's University	Family Medicine
University of British Columbia	Family Medicine
University of British Columbia	Family Medicine
University of British Columbia	Family Medicine
University of British Columbia	Family Medicine
University of British Columbia	Family Medicine
University of Ottawa	Family Medicine
University of Ottawa	Internal Medicine
University of Ottawa	Internal Medicine
University of Ottawa	Pediatrics
University of Toronto	Neurology
University of Toronto	Diagnostic Radiology
Western University	Internal Medicine
Western University	Pediatrics
Memorial University of Newfoundland	Pediatrics

**CAREER DISCOVERY**

We understand that individual career preferences may change over time. RCSI career discovery helps you to identify your personal needs and preferences to carve out your career path.

**Orientation Programme**

The Orientation Programme is designed to assist with your integration and understanding of what contributes to your academic success. Time is dedicated as you progress through your programme on an annual basis to specifically support you with planning your medical career.

The CoMPPAS Career Development team host a series of practical workshops, where together we will work with you, to understand and build the core elements of your career portfolio that best support your immediate goal of residency.



## **CAREER READY**

We are passionate in ensuring our graduates are ready to practice as competent healthcare professionals.

We will equip you with the knowledge and skills essential for success in your career.

In your final two academic years, the emphasis is on honing your clinical skills. As well as the opportunity to do clinical electives, final year students undertake four week sub-internship programmes where you work as a resident-in-training. The CoMPPAS team can assist you in seeking sub-internship opportunities in Canada or the USA where possible.





**RCSI CAREER READINESS PROGRAMME - UNDERGRADUATE MEDICINE****EARLY-STAGE  
CAREER DISCOVERY  
0-1 YEARS****OBJECTIVES**

- > Self awareness - Know yourself, personality, interests, values, skills, strengths, weaknesses, motivation.
- > Self-development - Identify skills gap and develop new ones.
- > Develop your communication and social skills among your peers.

**ACTIONS**

- > Join RCSI Societies.
- > Assess current skill set, identify skills gap.
- > Develop and master new skills.
- > Prepare a career development action plan.
- > Create and manage your ePortfolio.
- > Participate in work experience, observerships, summer research and volunteering opportunities.
- > Make new contacts among your peers and expand your peer network.
- > Select and attend a minimum of 2 career workshops.
- > Participate in Passport for success.
- > Prepare basic CV, Cover letter for future development.

**MID-STAGE  
CAREER CHOICE  
2-3 YEARS****OBJECTIVES**

- > Personal & Professional development
- > Personalised Career consultation.
- > Build relevant skills and experience.
- > Identify pathways to Residency and Internship Match.

**ACTIONS**

- > Attend Career workshops
- > Participate in Summer research, Job Shadow and Volunteering Opportunities.
- > Become an RCSI Peer Led Academic Tutor or Personal Mentor.
- > RCSI International Citizenship Award.
- > Manage your online presence.
- > Update your Career ePortfolio.
- > Update your CV, Cover letter.
- > Engage with individual career consultation.
- > Establish new soft skills.
- > Identify remaining gaps in your desired professional profile.
- > Undertake relevant Medical Licensing Exams.

**FINAL YEARS  
CAREER READY  
4-5 YEARS****OBJECTIVES**

- > Develop Post Graduation Career Plan.
- > Prepare for Final destination, Internship/Residency.
- > Make connections - start to build your professional network.

**ACTIONS**

- > Develop Match/Internship/Gap year strategy.
- > Review medical licensing requirements.
- > Plan and organise clinical electives.
- > Collect feedback from clinical rotations.
- > Draft Medical Student Performance Evaluation Summer of year 4.
- > Attend International Electives night.
- > Apply for RCSI Peer Led Academic/Clinical Skills Tutor opportunities.
- > Identify and attend relevant career events.
- > Actively develop professional networks.
- > Prepare application documents - CV, personal statement.
- > Book individual career consultation.



**RCSI CAREER READINESS PROGRAMME - GRADUATE ENTRY MEDICINE****EARLY-STAGE  
CAREER DISCOVERY  
0-1 YEARS****OBJECTIVES**

- > Self awareness - Know yourself, personality, interests, values, skills, strengths, weaknesses, motivation.
- > Self-development - identify skills gap and develop new ones.
- > Develop your communication and social skills among your peers.

**ACTIONS**

- > Join RCSI Societies.
- > Become an RCSI Peer Led Academic Tutor
- > Assess current skill set, identify skills gap.
- > Develop and master new skills.
- > Prepare a career development action plan.
- > Create and manage your ePortfolio.
- > Participate in work experience, observerships, summer research and volunteering opportunities.
- > Make new contacts among your peers and expand your peer network.
- > Select and attend a minimum of 2 career workshops.
- > Prepare basic CV, Cover letter for future development.

**MID-STAGE  
CAREER CHOICE  
2-3 YEARS****OBJECTIVES**

- > Personal & Professional development.
- > Personalised Career consultation.
- > Build relevant skills and experience.
- > Identify pathways to Residency and Internship Match.

**ACTIONS**

- > Attend Career workshops
- > Participate in Summer research, Job Shadow and Volunteering Opportunities.
- > Become an RCSI Peer Led Academic Tutor or Personal Mentor.
- > RCSI International Citizenship Award.
- > Manage your online presence.
- > Update your Career ePortfolio.
- > Update your CV, Cover letter.
- > Engage with individual career consultation.
- > Establish new soft skills.
- > Identify remaining gaps in your desired professional profile.
- > Undertake relevant Medical Licensing Exams.

**FINAL YEARS  
CAREER READY  
4-5 YEARS****OBJECTIVES**

- > Develop Post Graduation Career Plan.
- > Prepare for Final destination, Internship/Residency.
- > Make connections - start to build your professional network.

**ACTIONS**

- > Develop Match/Internship/Gap year strategy.
- > Review medical licensing requirements.
- > Plan and organise clinical electives.
- > Collect feedback from clinical rotations.
- > Draft Medical Student Performance Evaluation Summer of year 3.
- > Attend International Electives night.
- > Apply for RCSI Peer Led Academic/ Clinical Skills Tutor opportunities
- > Identify and attend relevant career events.
- > Actively develop professional networks.
- > Prepare application documents - CV, personal statement.
- > Book individual career consultation.





## MEDICAL LICENSE EXAMS

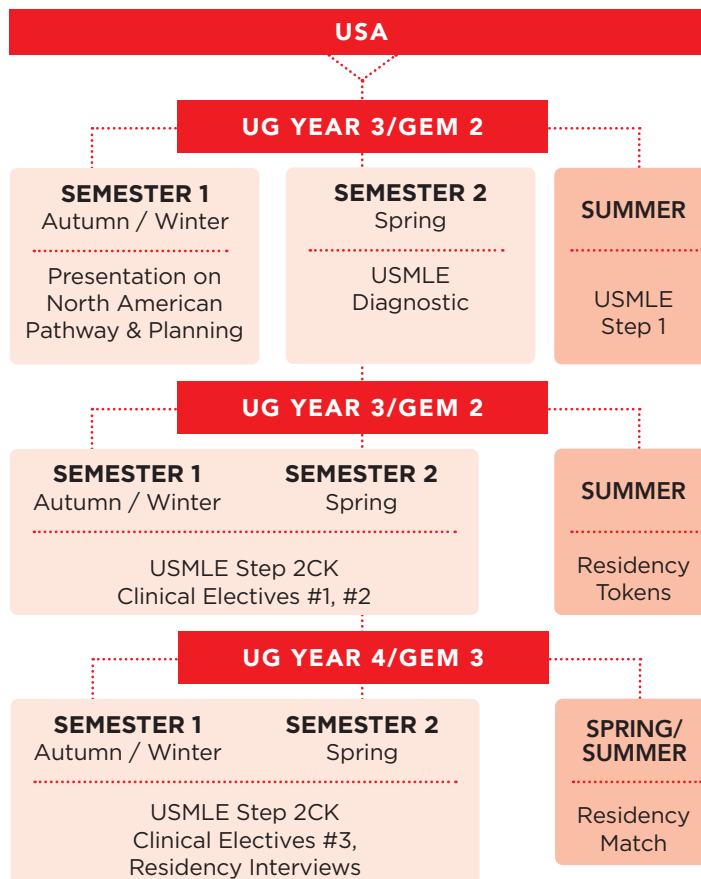
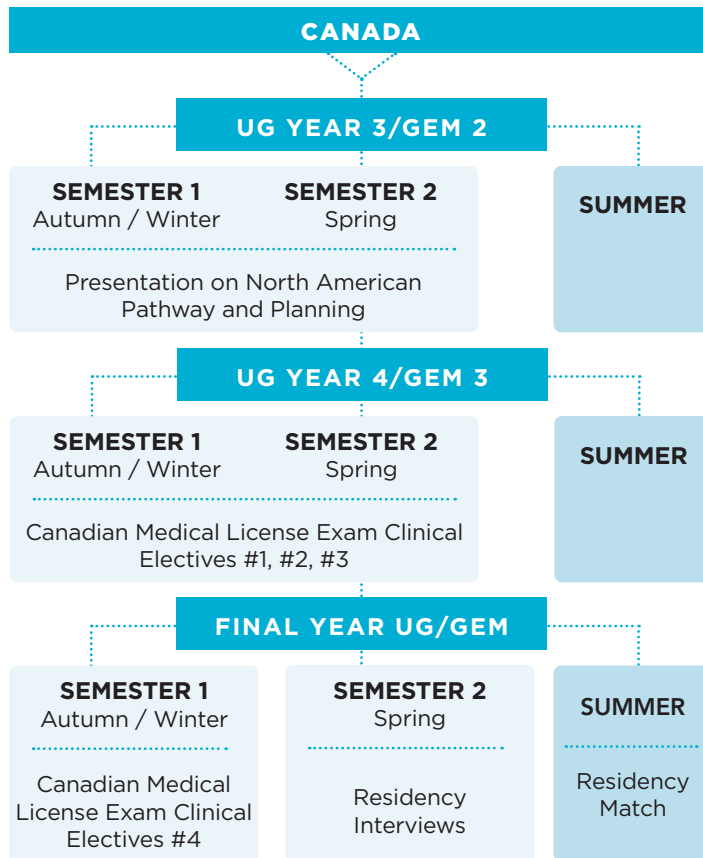
The RCSI Canadian and US Medical License Program Directors and Academic colleagues work to scope and deliver medical license resources that support your preparation for these important professional medical license examinations.

The CoMPPAS Career Development team liaise directly with the Medical Council of Canada and the Educational Commission for Foreign Medical Graduates (ECFMG) to keep abreast of developments that may influence residency application.

We have developed distinct programs that support you.

Preparation for Pathway to Residency in Canada commences in the penultimate year of your medical programme.

Preparation for Pathway to Residency in the U.S. commences in the summer prior to your penultimate year of training.



Our roadmap promotes exam success for each Pathway to Residency and Internship. We utilise a variety of approaches to help with preparation for these license examinations.

The RCSI School of Medicine working with CoMPPAS Career Development is well-informed on licensing requirements, ensuring our Pathways to Residency programs support the advancement of our graduates and returning international medical graduates (IMGs).

Please note: Preparation for and writing of medical license examinations is in addition to the academic curriculum, and so the associated preparation programmes are not an assessed or mandatory component of your degree.

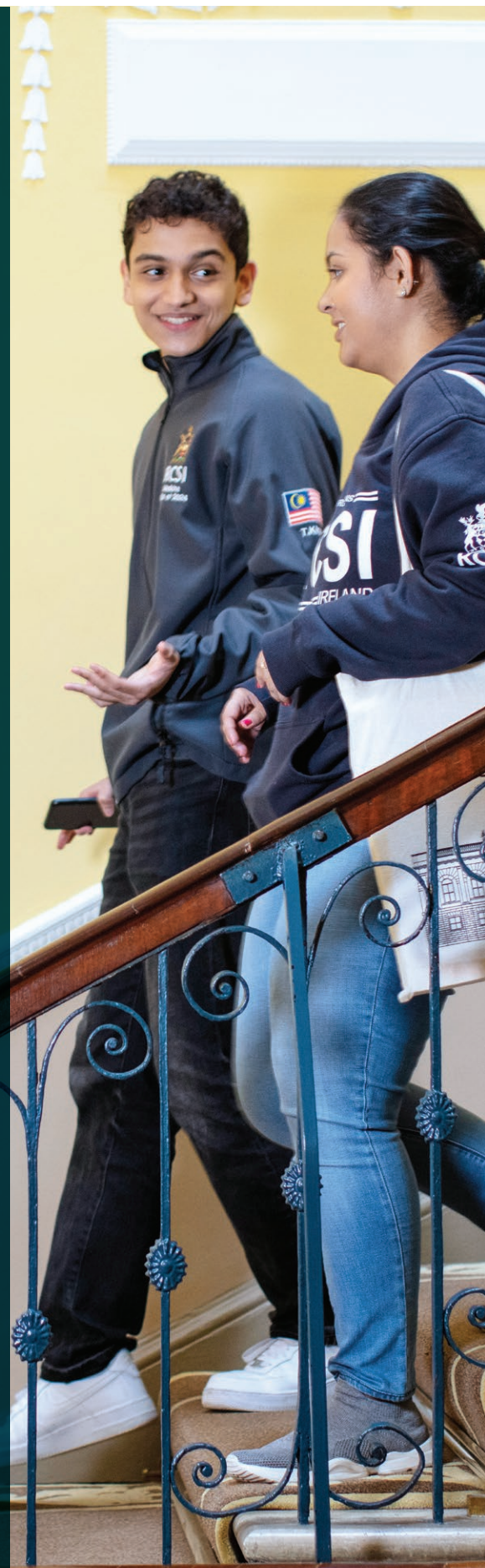
AS AN RCSI STUDENT, YOU WILL ATTEND A WIDE VARIETY OF PUBLIC, PRIVATE AND SPECIALIST TEACHING HOSPITALS AND CLINICAL SITES WHERE YOU WILL LEARN TO HONE YOUR CLINICAL AND PROFESSIONAL SKILLS.



### INTERNATIONAL CLINICAL ELECTIVES

Participation in clinical electives in the final two years of medical schooling is strongly recommended for students whose goal is residency training in North America. These clinical electives provide excellent opportunities to explore specialties of interest and secure those all-important 'letters of recommendation'. The following institutions are a representative sample of the locations where our students have successfully completed their clinical electives.

- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| 1 University of British Columbia     | 6 Baystate Medical Center         |
| 2 University of Saskatchewan         | 7 University of Pennsylvania      |
| 3 Mayo Clinic                        | 8 Lahey Hospital & Medical Center |
| 4 Emory University Hospital Group    | 9 Johns Hopkins Hospital Group    |
| 5 Columbia University Medical Center | 10 Cleveland Clinic               |





## GLOBAL ALUMNI

**DR PAUL DHILLON**

Graduate Entry Medicine,  
Class of 2009  
Clinical Training Officer,  
39 Canadian Battle Group,  
Field Ambulance

Dr Dhillon is a clinical training officer with the Canadian Forces Primary Reserve medical unit in Vancouver.

**DR JOAN NOELKER**

Graduate Entry Medicine,  
Class of 2006  
Assistant Professor of  
Emergency Medicine and  
Director of Undergraduate  
Medical Education for  
Emergency Medicine,  
Washington University  
School of Medicine

**MS AVRIL COPELAND**

Physiotherapy,  
Class of 2010  
CEO & co-founder,  
Innerstrength

An eHealth company that develops digital tools which facilitate health professionals and patients to work together for the prevention and treatment of chronic conditions.

**DR HOURIYA KAZIM**

Medicine, Class of 1988  
Breast Surgeon, Well  
Woman Clinic, UAE

Dr Kazim was the first female surgeon in the UAE and founded "Breast Friends", the only breast cancer support group in Dubai.

**YOUR JOURNEY WILL FOLLOW IN THE PATH OF FORMER STUDENTS WHICH INCLUDE SOME OF THE MOST DISTINGUISHED AND AWARD WINNING MEDICAL PROFESSIONALS IN THEIR FIELDS.**

**DR OMAR M. EL KAWKGI**

Medicine Class of 2015  
Senior Associate  
Consultant, Mayo Clinic

Senior associate consultant at one of the highest ranked hospitals globally.



**DR BENJAMIN LABROT**  
Medicine, Class of 2006  
Co-Founder,  
The Floating Doctors

The Floating Doctors provide healthcare, education and community development to underserved communities and emergency medical care in remote settings.



**MS FATIMA RUSTOM**  
Pharmacy, Class of 2008  
Pharmacy Director,  
CDC, Qatar

Communicable Disease Center is dedicated to the diagnosis, treatment and prevention of infectious diseases as well as education and research, with a focus on tuberculosis (TB), respiratory and infectious diseases.

NFQ: Level 8

Award: MB, BCh, BAO  
(NUI & RCSI) LRCPI & LRCSI

Awarding Body:  
National University of Ireland

Duration: 5 or 6 years

# UNDERGRADUATE **MEDICINE**

OUR INTERNATIONALLY RECOGNISED DEGREES ARE  
DELIVERED BY WORLD-RENOWNED ACADEMICS,  
RESEARCHERS AND HEALTHCARE PROFESSIONALS.





AT RCSI, WE AIM TO GRADUATE  
TRULY INTERNATIONAL HEALTHCARE  
PROFESSIONALS. THIS IS WHY  
WE WORK TO ENSURE THAT OUR  
CURRICULUM EQUIPS OUR STUDENTS  
TO RESPOND TO THE FUTURE OF  
HEALTHCARE IN AN INCREASINGLY  
GLOBAL, DIGITAL AND CLIMATE-  
FOCUSED WORLD.

With this in mind, RCSI's Medicine curriculum is innovative, future-focused and integrated. Our programme is centred around our students and is delivered in our state-of-the-art healthcare education facilities in Dublin.

During your time with us you will be taught by RCSI academics, clinicians and researchers primarily in small groups or in an interactive manner when you are in large group settings. Your whole academic journey will be enabled and tracked by a dedicated **e-portfolio system**.

The medicine programme is structured so that the focus is on knowledge and excellent clinical skills development. From day one, we also put intensive focus on the acquisition of clinical and communications skills, as well as understanding the central tenets of **Personal and Professional Identity formation**: professionalism, resilience and leadership. This ensures that you will be prepared for a personally and professionally demanding career in tomorrow's healthcare environment.

Case-Based Learning (CBL) is a core teaching and learning approach in Year 1 and 2. You will work in groups of approximately 12 students with a facilitator. You will also have the opportunity to choose from a wide range of tailored and credit-bearing student choice topics. These will allow for experiences that facilitate your personal growth.

Each medicine student is assigned a **Personal Tutor** who will support them through their time in RCSI. The Personal Tutor Programme is intended to: provide students with a safe space for informed reflection on academic, personal & professional performance; assist

students by ensuring they have the relevant supports (academic; wellbeing etc.); provide resource and referral information to enable the student to move towards improvement, and encourage students to establish habits of continuous reflection, goal-setting and lifelong learning.

Knowing how students are progressing at any point during the academic year is very important. Personalised **Student Feedback** will help you to remain on course to achieving your educational objectives. Our curriculum is supported by a new and innovative technology platform that will provide you with feedback on assessments, CBL and other learning activities. The same platform will contribute to and support the Personal Tutor component.

Students are evaluated using **Programmatic Assessment** and the application of a **Grade Point Average (GPA)** scale. This approach provides multiple opportunities for measurement – coupled with ongoing feedback during the learning process. It reduces emphasis on end-of-semester/year high-stakes assessment and provides a range of different assessment types which facilitate the measurement of competencies.

Programmatic Assessment also places emphasis on the student's role in taking responsibility for their own learning, and identifying and remediating areas where necessary. There is proportional assessment, based on the number of credits attaching to a module, which avoids duplication and over-assessment. It also permits data from multiple sources, using different standards that can be aggregated (across modules, pillars, years and the overall programme).

From your first day at RCSI, you will be placed in one of six Learning Communities, which comprise groups of students who are actively engaged in learning with and from each other. These communities have a cohort of students from every year in your programme and are an integral part of our teaching

philosophy in the education of future healthcare professionals.

The Learning Communities will allow you to build an academic relationship with your peers and to support each other in your learning. Together you will practice case-based learning, clinical skills, practical skills, anatomy practicals, laboratory practicals and other small group teaching activities such as Clinical Microbiological Cases, Clinical Pathological Cases and integrated case-based workshops.

Learning Communities are aligned to academic learning and teaching activities, and will have the capacity to organise extracurricular events that contribute to the educational and social experience at RCSI. You will also be part of a broader inter-professional learning community made up of Medicine, Pharmacy and Physiotherapy students which facilitates participation in specific inter-professional academic activities.

At RCSI, our curriculum is informed by principles of **positive education**. This combines the science of positive psychology with curriculum development, delivery and assessment. As part of the core curriculum, students are taught skills and behaviours that encourage them to prioritise their health and wellbeing thus supporting their capacity to flourish. This approach to learning actively promotes positive growth, resilience and wellbeing.

**Please note:** *RCSI's undergraduate medicine programme is five years in duration. Depending on the qualifications presented at application, some students are required to complete an additional Foundation Year (6-year track). This is outlined in further detail in the 'Admissions Essentials' section. The Five year programme is structured as follows: Foundation of Practice (Y1 & Y2); Integration into Practice (Y3), and Preparation for Practice (Y4 & Y5). The programme has three vertical pillars of learning: Knowledge (Head); Skills (Hands), and; Personal & Professional Identity (Heart).*

## FOUNDATION YEAR

Foundation Year (FY) consists of two semesters - delivered from September to May.

**FY WILL PROVIDE YOU WITH A SOLID GROUNDING IN THE BIOMEDICAL SCIENCES, COMMUNICATION AND PROFESSIONALISM, AS WELL AS THE NECESSARY IT SKILLS TO OPERATE EFFICIENTLY WITHIN THE UNIVERSITY'S VIRTUAL LEARNING ENVIRONMENT (VLE).**

The course is delivered as a series of standalone modules taught in a single semester. There are also integrated, systems-based modules, delivered across both semesters.

### FIRST SEMESTER

Fundamentals of Medical Physics

Fundamentals of Medicinal and Pharmaceutical Chemistry

Fundamentals of Human Biology

### SECOND SEMESTER

Disease Diagnostics and Therapeutics

Medicinal and Pharmaceutical Chemistry

### FIRST AND SECOND SEMESTERS

Musculoskeletal System,  
Nervous System, Skin, Special Senses,  
Reproduction and Endocrine Systems

Cardiovascular, Respiratory, Immune,  
Gastrointestinal and Excretory Systems

Professionalism in the Health Sciences

Biomedical Laboratory Sciences

## YEAR 1

In Year 1, you will learn the basic anatomical, molecular and biochemical bases of human life, the principles of pharmacology, microbiology, pathology, and acquire a basic understanding of the epidemiology and mechanisms of disease. You will also learn about musculoskeletal and skin systems, and how to diagnose and manage common and important cardiovascular and respiratory disease.

**STUDENT CHOICE MODULES WILL FACILITATE YOUR EXPOSURE TO VARIOUS SOCIAL AND ENVIRONMENTAL EXPERIENCES THAT WILL ENABLE PERSONAL GROWTH AND THE FORMATION OF YOUR PROFESSIONAL IDENTITY.**

Case Based Learning (CBL) is a teaching tool used throughout Year 1. This is a learner-centred approach that involves interaction between the participants (up to 12). It focuses on the building of knowledge through group work.

CBL encourages the application of basic science knowledge, the linkage of knowledge between the basic and clinical sciences, a deeper understanding of content, and the development of clinical reasoning skills.

### FIRST SEMESTER

Foundations for Practice 1

The Body: Movement and Function

### SECOND SEMESTER

Foundations for Practice 2

Cardiovascular System

Student Choice

Respiratory System





## YEAR 2

Through an integrated teaching and learning approach, Year 2 modules are focused on ensuring that you will gain the necessary knowledge and skills to communicate effectively and to work professionally and collaboratively to diagnose and manage common and important Gastrointestinal & Hepatological, Central Nervous System, Endocrine & Breast, Renal and Male & Female Genito-Urinary diseases.

You will use an evidence-based approach that is grounded in best practice and safe patient care. Student Choice will continue to be integrated and students will have continuing opportunities to explore areas of interest such as innovation in research, education, global health, health systems and translational medicine.

**THE PREPARATION FOR CLINICAL ATTACHMENT MODULE WILL TEACH YOU HOW TO NAVIGATE THE HOSPITAL ENVIRONMENT PRIOR TO CLINICAL PLACEMENTS IN YEAR 3.**

## FIRST SEMESTER

Gastrointestinal  
Student Choice  
Central Nervous System

## SECOND SEMESTER

Endocrine & Breast  
Renal System  
Student Choice  
Preparation for Clinical Attachment



**YEAR 3**

During this year, your class will be split up and you will undertake prescribed modules at different times throughout the year. You will participate in hospital-based clinical placements and will be located in one of the RCSI-affiliated teaching hospitals throughout Ireland.

You will build on the knowledge and understanding of normal biology and diseases acquired during Years 1 and 2 and have the opportunity to apply this knowledge to real patients in multidisciplinary clinical settings.

**THE NEW HORIZONS AND SIMULATION MODULE WILL PROVIDE YOU WITH A FRAMEWORK TO INTERACT AND ENGAGE WITH A VARIETY OF NEW TECHNOLOGIES THAT ARE BEING TRANSLATED FROM RESEARCH TO THE CLINICAL DOMAIN, INCLUDING GENOMICS AND NOVEL IMAGING APPROACHES.**

You will also participate in a Student Selected Component, where you complete an individual research or audit project. Students will also have options relating to research projects overseas.

**FIRST & SECOND SEMESTER**

New Horizons and Simulation

Student Selected Project

Clinical Medicine and Surgery Teaching

Clinical Attachment Academy (x2)



I chose to come to RCSI because I have always known I wanted to become a doctor and this university provides a faster route than in Canada. It is a really well rounded university and my experience here has been incredible – from the academic side of things to sports to the arts, they have everything! I have particularly enjoyed getting involved in research in computer-aided drug design and breast cancer during the summer months, which is a great opportunity open to students through the RCSI Research Summer School.

**AHAD JASSANI**

Medicine, Saudi Arabia





**YEAR 4**

Year 4 modules will provide you with wide-ranging clinical exposure running in parallel with an integrated teaching and learning programme that focuses on knowledge and skills in areas including clinical competence, professionalism, communication, scholarship, leadership and global outlook.

You will be anchored full-time within a clinical team at an RCSI Teaching Hospital working in Medicine, Obstetrics and Gynaecology, Psychiatry, Surgery, Paediatrics, Child Health and General Practice.

**YOU WILL HAVE THE OPPORTUNITY TO PRACTICE YOUR CLINICAL SKILLS AND TAKE AN ACTIVE PART IN THE CARE PATHWAYS OF INDIVIDUAL PATIENTS, WHILE SIMULTANEOUSLY GAINING EXPERIENCE IN MULTI-DISCIPLINARY FRAMEWORKS IN BOTH HOSPITALS AND COMMUNITY SETTINGS.**

**FIRST & SECOND SEMESTER**


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 Obstetrics and Gynaecology
 

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 Paediatrics
 

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 Psychiatry
 

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 General Practice
 

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 Medicine, Surgery Elective
 

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**YEAR 5**

Year 5 will represent your final stage of preparation towards becoming a working clinician.

The clinical attachment block in Year 5 is the final mandatory clinical placement at an RCSI Teaching Hospital.

**CLINICAL CLERKSHIP MODULES CAN BE COMPLETED IN ANY CLINICAL DISCIPLINE, ALTHOUGH AT LEAST ONE OF THE TWO CLERKSHIP BLOCKS MUST BE COMPLETED IN AN ACUTE HOSPITAL IN THE FORM OF A SUB-INTERNSHIP. THERE ARE ALSO STUDENT ELECTIVE OPTIONS AVAILABLE OUTSIDE IRELAND.**

The Preparation for Practice module (sub-internship) will allow you to demonstrate your ability to communicate effectively and professionally, as well developing your skills to manage challenging clinical scenarios and critical incidents through the application of leadership, professionalism, and resilience.

**FIRST & SECOND SEMESTER**


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 Medicine
 

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 Surgery
 

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 Elective
 

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 Clinical Attachment
 

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 Preparation for Practice
 

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NFQ: Level 8

Award: MB, BCh, BAO  
(NUI & RCSI) LRCPI & LRCSIAwarding Body:  
National University of Ireland

Duration: 4 years

# GRADUATE ENTRY MEDICINE

THIS ACCELERATED PROGRAMME IS DESIGNED FOR STUDENTS WITH AN UNDERGRADUATE DEGREE WHO WISH TO RETURN TO EDUCATION AND PURSUE A CAREER IN MEDICINE.

RCSI was the first medical school in the Republic of Ireland to introduce a Graduate Entry Medicine (GEM) programme in 2006, enabling students from a range of undergraduate backgrounds to study medicine.

This accelerated programme is designed for students with an undergraduate degree who wish to return to education and pursue a career in medicine.

Our GEM students are taught in a purpose-designed building on the St. Stephen's Green campus. From Year 1 on the programme, they also spend a lot of time in RCSI's teaching hospitals. There is a very early emphasis on clinical skills to ensure that upon graduation students are career ready.





## YEAR 1

Year 1 of the programme is delivered through systems-based modules, teaching you about how the body works in the healthy state. You will be taught through a mixture of lectures on the biomedical sciences and small group teaching involving weekly cases, facilitated case discussions, data interpretation tutorials, clinical skills training, group projects and anatomy practical labs.

**SURGICAL GRAND ROUNDS, WEEKLY CASES AND CLINICAL SKILLS TRAINING PROVIDE CLINICAL CONTEXT IN THE FIRST SEMESTER.**

In the second semester, you will spend one half day per week on clinical sites. Once you complete your exams, you will spend the last month of the academic year completing your clinical attachment at one of the teaching hospitals affiliated to RCSI.

### FIRST SEMESTER

Fundamentals of Biomedicine  
Musculoskeletal Biology  
Blood: Haematology and Immunology  
Health, Behaviour and Patient Safety  
Gastrointestinal Biology  
Clinical Practice and Diagnostic Skills

### SECOND SEMESTER

Cardiorespiratory System  
Renal and Endocrine Biology  
Nervous System Biology  
Evidence-Based Health/Public Health & Epidemiology  
Clinical Practice and Diagnostic Skills  
Clinical Attachment  
Molecular Medicine

## YEAR 2

Again in Year 2, the programme is delivered through systems-based modules but during this year you gain an understanding of the basic pathological and microbiological principles underlying human disease, along with detailed teaching on clinical aspects of relevant human conditions within each module.

Each module comprises small group tutorials encompassing weekly cases, clinical skills (including relevant history-taking and examination) and radiology. Clinical teaching is also facilitated by simulation scenarios using our state-of-the-art simulators.

### FIRST SEMESTER

Cardiology  
Respiratory  
Gastrointestinal and Hepatology  
Clinical Competencies

During Year 2, you complete two one month clinical attachments that provide the opportunity to become an active member of a clinical team within the hospital (including placements at specialised orthopaedic and ophthalmology hospitals), and learn about the multiple aspects of patient management within this setting. In addition, you will complete a teaching programme in medical professionalism and leadership.

### SECOND SEMESTER

Renal, Endocrine, Genitourinary and Breast  
Central Nervous System and Locomotors  
Haematolymphoid and Tropical Medicine  
Clinical Competencies



## YEAR 3

Years 3 and 4 of the GEM programme are delivered in RCSI-affiliated teaching hospitals located throughout Ireland, providing you with different learning opportunities.

**YOU ARE ATTACHED ON A ROTATIONAL BASIS FOR SEVEN WEEKS AND PARTICIPATE FULLY WITH THE CLINICAL TEAMS IN BOTH URBAN AND RURAL SETTINGS.**

You will be fully immersed in the specialties of General Practice (learn alongside a general practitioner in a GP surgery), Paediatrics (you will be placed in one of the Paediatric units throughout the country), Obstetrics and Gynaecology (you will be attached to a Maternity Unit and expected to assist on the labour ward), Psychiatry (you will attend a Psychiatry service under the supervision of a local psychiatric service).

In the Medicine and Surgery rotation, you will also have the opportunity to enhance your prescribing skills and undertake placements in Otolaryngology and Ophthalmology.

### FIRST & SECOND SEMESTER

Rotations:  
Medicine & Surgery (ENT)  
Paediatrics and Neonatal  
General Practice  
Psychiatry  
Obstetrics and Gynaecology



Studying abroad offers invaluable experiences, and in the context of medicine, I think the more worldly experience you can have, the better physician you will be; living in a different country always broadens your perspective. Throughout the application process, everything was so easy. The best part about RCSI is the opportunities that it affords us as students. From year one, I had the privilege of taking part in a Leadership Development Programme and participating in the RCSI Research Summer School - both experiences were amazing. The people I have met are incredible, and I love my research team. At RCSI, I feel like doors are constantly opening, and all I have to do is walk through them.

**DELFINA MANCEGUINEAARQUEZ**  
GEM, Canada





## YEAR 4

The final year prepares the GEM student towards becoming a working clinician.

**THIS YEAR PROVIDES YOU WITH SIGNIFICANT CLINICAL EXPOSURE VIA ATTACHMENTS, ELECTIVES AND THE SUB-INTERNSHIP, THROUGH WHICH YOU ARE TRAINED AND ASSESSED AS YOU UNDERTAKE THE ROLES OF THE NEAR-GRADUATING DOCTOR.**

This clinical experience runs in parallel with a teaching programme focused on knowledge and skills in these areas.

GEM students will also take part in a sub-internship programme which offers you the opportunity to function as a member of a clinical team in preparation for internship following graduation.

### FIRST & SECOND SEMESTER

Rotations:

Medicine & Surgery

Sub-internship

Student Selected Clinical Attachment



**NFQ: Level 9****Award: BSc Pharmacy (Hons),  
MPharm (NUI & RCSI)****Awarding Body:  
National University of Ireland****Duration: 4 or 5 years**

# PHARMACY

THE PROGRAMME WILL ENABLE YOU TO DEVELOP  
AS A PHARMACIST WHO IS A COLLABORATOR,  
COMMUNICATOR, HEALTH ADVOCATE, LEADER,  
PROFESSIONAL AND SCHOLAR.

The aim of the pharmacy programme is to provide an outstanding experience that allows you to become a pharmacist, and a leader in healthcare and innovation. You will be able to demonstrate the competencies for professional practice as a pharmacist.

We have revised the programme based on our years of experience, in consultation with students, patients, employers and other key stakeholders. The programme is accredited by the Pharmaceutical Society of Ireland for registration as a pharmacist in Ireland.

You will be a reflective practitioner, committed to continuous development throughout your professional journey. You, and your colleagues and friends, will excel in the diverse and emerging roles of the pharmacist, nationally and internationally.





## YEAR 1

In Year 1 you will be introduced to the foundation material that will provide you with the fundamental knowledge and skills in the areas of basic science and practice.

**BE ONE OF THE ONLY PHARMACY STUDENTS IN IRELAND TO COMPLETE A MENTAL HEALTH FIRST AID TRAINING CERTIFICATE AS PART OF THE PROGRAMME.**

You will gain a basic understanding of the anatomy, physiology and biochemistry of the human body and explore chemical concepts critical to human life. You will develop an appreciation of immunology and microbiology, along with the key principles of drug delivery. Modules are integrated using case studies and medicines. You will also begin your professional journey, exploring the role of the pharmacist and developing professional skills.

## FIRST SEMESTER

The Cellular Basis of Life  
Health - Body and Function  
Fundamentals of Medicinal and Pharmaceutical Chemistry  
Medicines - Pharmaceutics 1  
Introduction to Research Methods and Data Analysis  
Pharmacist - Beginning the Professional Journey

## SECOND SEMESTER

Fundamentals of Pharmacology and Immunology  
Fundamentals of Microbiology and Infection  
Medicinal and Pharmaceutical Chemistry  
Medicines - Pharmaceutics 2  
Gastrointestinal Health: Medicines and Patient Care  
Pharmacist - Professional Skills

## FIRST & SECOND SEMESTER

Professional Development 1

## YEAR 2

In Year 2 the curriculum is integrated around the systems model introduced in Year 1. These systems-based modules have input from four disciplines: life sciences, pharmaceuticals, pharmaceutical chemistry and pharmacy practice.

The actions, interactions and use of medicines and pharmaceutical care are mainly delivered through this integrated, systems-based approach, and there is an emphasis on patient care. The theme of medicines is further developed through modules dedicated to Dosage Formulation and the Drug Life Cycle. In the second semester of Year 2, you will have the opportunity to undertake a longitudinal community practice placement.

You will also have the opportunity to undertake a module of your choice to explore an area that interests you.

## FIRST SEMESTER

Cardiovascular Health  
Respiratory Health  
Medicines - Dosage Formulation  
Student Choice

## SECOND SEMESTER

Musculoskeletal and Haematological Health  
Central Nervous System  
Medicines - Drug Life Cycle

## FIRST & SECOND SEMESTER

Professional Development 2





I chose to come to RCSI based on the sole focus on healthcare, the state of the art facilities and the small tightly bound community the college provides. Small Class sizes allow for intimate teaching groups and a more personal approach to learning. My favourite thing about RCSI is that I feel valued as a student and I feel that my opinion matters. Our learning experience is expertly tailored to our needs as future healthcare professionals.

**ROBERT STAUNTON**  
Pharmacy, Ireland

### YEAR 3

Year 3 continues with the systems-based model of teaching in Year 1 and most of Year 2. In the second semester, you will learn about advanced therapies, which will integrate with teaching on immunology and cancer.

**YOU WILL GET THE OPPORTUNITY TO THINK ABOUT GLOBAL AND PUBLIC HEALTH AND MEDICINES OPTIMISATION THROUGH THE STAGES OF LIFE.**

At the end of Year 3, you will have the opportunity to participate in elective placements, which take place in Ireland as well as countries such as China, Japan and the US.

#### FIRST SEMESTER

Liver and kidney Health  
Endocrine System  
Sex, Gender and Health

#### SECOND SEMESTER

Immunology and Protective Structures  
Medicines – Advanced Therapies  
Global and Public Health  
Stages of Life  
Cancer Care

#### FIRST & SECOND SEMESTER

Professional Development 3



## YEAR 4

Year 4 starts with a four-month placement, which is completed in one of a range of settings, and runs from September to December. While you will not be on campus, you will complete three online modules while on placement.

During the second semester, you will focus on building clinical skills. You will complete 'Mental Health First Aid' as part of the Mental Health module. You will also complete a research project as part of the Research Skills module, which is designed to give you a critical understanding of the research process, including research philosophy and governance.

### FIRST SEMESTER

*Placement in a practice setting*

Online module: Organisation and Management Skills

Online module: Professional Skills Development

Online module: Professional Practice

### SECOND SEMESTER

Clinical Pharmacy

Mental Health

Clinical Reasoning & Evidence Based Decision Making

Research Skills

### FIRST & SECOND SEMESTER

Professional Development 4

## YEAR 5

The MPharm year of the programme concentrates on preparing you for practice.

**THE PLACEMENTS IN BOTH YEARS 4 AND 5 PROVIDE AN OPPORTUNITY TO ENGAGE WITH A RANGE OF EMPLOYERS ACROSS A SPECTRUM OF PRACTICE SETTINGS. YOU WILL BE BASED ON CAMPUS DURING THE FIRST SEMESTER.**

You will participate in three taught modules during the first semester, while also completing Professional Development 5.

The second semester begins in January when you will start an eight-month patient-facing placement, concluding in August of that year.

Year 5 concludes with the Professional Registration Examination (PRE).

### FIRST SEMESTER

Patient Care and Society

Decision Making in Complex Care

Leadership in Pharmacy:  
Building the Future

### SECOND SEMESTER

*Placement in a practice setting*

Online module: Supply of Medicines and Organisation and Management Skills

Online module: Leading the Safe and Rational Use of Medicines

Online module: Professional Practice and Public Health

Online module: Clinical Research Skills

### FIRST & SECOND SEMESTER

Professional Development 5

**International graduates of the RCSI Pharmacy programme have a two-year stayback visa option should you wish to practice in Ireland.**



NFQ: Level 8

Award: **BSc Advanced Therapeutic Technologies (Hons) (NUI & RCSI)**

Awarding Body:  
**National University of Ireland**

Duration: **4 years**

# ADVANCED THERAPEUTIC TECHNOLOGIES

UPON COMPLETION OF THE PROGRAMME YOU WILL BE ABLE TO  
APPLY EXTENSIVE, FUTURE-FOCUSED SCIENTIFIC KNOWLEDGE AND  
TECHNICAL SKILLS COMPLEMENTED BY HIGHLY DEVELOPED TRANSVERSAL  
COMPETENCIES TO ADDRESS CURRENT AND FUTURE GLOBAL HEALTHCARE  
NEEDS OF THE (BIO) PHARMACEUTICAL AND RELATED INDUSTRIES.





RCSI's four year BSc (Advanced Therapeutic Technologies) degree programme provides an excellent student experience that supports graduates to become leaders in healthcare innovation and technology.

**THIS INNOVATIVE PROGRAMME OFFERS A UNIQUE OPPORTUNITY TO DEVELOP KNOWLEDGE AND TECHNICAL COMPETENCY IN DISCIPLINES WHICH WILL LEAD TO THE HEALTHCARE INNOVATIONS OF THE FUTURE.**

The programme has been designed in collaboration with a strong consortium of national and multinational bio pharma companies to provide their expertise and support in the development of the BSc and to meet these critical skills needs.



## YEAR 1

Year 1 is an introduction to the foundation principles in the fundamental sciences and laboratory skills. You will gain a basic understanding of the anatomy, physiology and biochemistry of the human body and explore chemical concepts critical to human life.

**YOU WILL DEVELOP AN APPRECIATION OF IMMUNOLOGY AND MICROBIOLOGY, ALONG WITH THE KEY PRINCIPLES OF DRUG DELIVERY.**

Statistical and mathematical competencies to interrogate large data sets will also be introduced. You will also recognise and appreciate ethical and legal concepts which apply to professional scientific practice.

### FIRST SEMESTER

The Cellular Basis of Life  
Health - Body and Function  
Fundamentals of Medicinal and Pharmaceutical Chemistry  
Medicines - Pharmaceuticals 1  
Foundations of Data Analytics  
The Scientist: Professional Formation 1

### SECOND SEMESTER

Fundamentals of Pharmacology & Immunology  
Fundamentals of Microbiology and Infection  
Medicinal and Pharmaceutical Chemistry  
Medicines - Pharmaceuticals 2  
Gastrointestinal Health - Medicines and Patient care  
The Scientist: Professional Formation 2

## YEAR 2

Year 2 will explore the discipline of genomics and its application in precision medicine. You will study the pharmacological management of the major disease states across multiple body systems. Students will develop skills in data analytics using Python programming.

You will study the drug life cycle to bring a new medicine to market, including the different regulatory frameworks across geographies, which lead to the licensing of medicines.

**TRANSVERSAL SKILLS WILL BE FURTHER DEVELOPED IN THE PROJECT MANAGEMENT MODULE, ENABLING YOU TO EFFECTIVELY ORGANISE, PLAN, AND DELIVER A PROJECT.**

### FIRST SEMESTER

Human Genetics & Genomics  
Pharmacology & Theranostics  
Computational Biology: 1  
Project Management

### SECOND SEMESTER

Computational Biology: 2  
Regulatory Science  
Biologic & Immuno-therapeutics  
Medicines - Drug Life Cycle



**YOU WILL DEMONSTRATE AND APPLY THE TECHNICAL KNOWLEDGE AND TRANSVERSAL SKILLS AND COMPETENCIES YOU HAVE GAINED IN A WORKPLACE SETTING WITH AN EIGHT-MONTH SITUATION LEARNING MODULE.**

### YEAR 3

In Year 3 you will study advanced genetics and cell biology as well as Biopharmaceutical manufacturing to gain an appreciation of the complex manufacturing processes required for biological therapeutics such as vaccines.

Transversal competencies will be developed through the Professional Formation and Enterprise & Innovation modules.

### FIRST SEMESTER

Biopharmaceutical Manufacturing  
Advanced Genetics & Cell Biology  
Enterprise & Innovation  
The Scientist: Professional Formation 3

### SECOND SEMESTER

Situated Learning: Developing in the workplace



The world of healthcare is rapidly changing as it seeks to incorporate new areas of data science, omics and precision medicine. The new BSc programme in Advanced Therapeutic Technologies has been designed to respond to the changing healthcare landscape and to develop leaders fit to tackle the most pressing healthcare related scientific questions of our time. This innovative BSc curriculum is delivered in a student-centric manner using the latest developments in education delivery.

The curriculum focuses on the most recent scientific discoveries. An eight-month work placement in Year 3 is a key element of the programme and enables students to build a professional network and assists with their day one readiness for the workplace upon graduation.

**DR BEN RYAN**  
Programme Director





## YEAR 4

In year four you will study cutting-edge therapies and technologies in the Frontiers of Therapeutic Technologies and Connected Health modules.

**YOU WILL FURTHER DEVELOP SKILLS IN DATA ANALYTICS AND PROGRAMMING WHILE DEVELOPING YOUR MANAGEMENT SKILLS AND ROLE AS A LEADER.**

The final module focuses on the delivery of a research project, either in Ireland or abroad, and the submission of a thesis based on your research project.

This module equips you with advanced laboratory skills to be career ready for either scientific research or Industry.

### FIRST SEMESTER

Frontiers of Therapeutic Technologies  
Computational Biology: 3  
Connected Health  
Leadership & Management

### SECOND SEMESTER

Scientific Research Skills



**NFQ: Level 8****Award: BSc Physiotherapy  
(Hons) (NUI & RCSI)****Awarding Body:  
National University of Ireland****Duration: 3 or 4 years**

RCSI's internationally recognised physiotherapy programme is designed to provide you with training, education and rehabilitation in a variety of clinical settings. Upon completion of the physiotherapy programme, you will be a fully-qualified physiotherapist.

You will learn these skills through lectures, practicals, simulation (using both manikins and simulated patients), tutorials, seminars and case study presentations.

# PHYSIOTHERAPY

OUR SMALL CLASS SIZES PROVIDE ACCESS TO HANDS-ON,  
ONE-TO-ONE PRACTICAL AND CLINICAL TRAINING WITH ACADEMIC  
STAFF AND YOU WILL STUDY ALONGSIDE YOUR FUTURE COLLEAGUES  
IN MEDICINE, PHARMACY AND PHYSIOTHERAPY.





**FOUNDATION YEAR**

Foundation Year provides you with a solid grounding in the biomedical sciences and professionalism plus the necessary IT skills to operate effectively within the University's virtual learning environment (VLE).

**THE PHYSIOTHERAPY PROGRAMME EMPHASISES THE DEVELOPMENT OF INDEPENDENT LEARNING, PROBLEM-SOLVING, CLINICAL REASONING, CRITICAL APPRAISAL SKILLS AND PROFESSIONALISM.**

The course is delivered as a series of stand-alone 5-credit modules taught in a single semester, and integrated, systems-based modules, delivered across 2 semesters. The Introduction to Physiotherapy Practice module provides you with an appreciation of the array of clinical specialties and settings in which physiotherapists work. It also presents the first opportunity for a clinical visit.

Elective opportunities facilitate your growing awareness of the crucial roles that communication, culture, collaboration, critical thinking, medical ethics, information literacy, project management and self-reflection play in the professional practice of physiotherapy. They also provide students with an opportunity to work collectively with the Medicine and Pharmacy students.

**FIRST SEMESTER**

Fundamentals of Medical Physics  
Fundamentals of Medicinal and Pharmaceutical Chemistry  
Fundamentals of Human Biology  
Musculoskeletal System, Nervous System, Skin, Special Senses, Reproduction and Endocrine Systems  
Cardiovascular, Respiratory, Immune, Gastrointestinal and Excretory Systems  
Professionalism in the Health Sciences  
Biomedical Laboratory Sciences

**SECOND SEMESTER**

Disease Diagnostics and Therapeutics  
Introduction to Physiotherapy Practice  
Musculoskeletal System, Nervous System, Skin, Special Senses, Reproduction and Endocrine Systems  
Cardiovascular, Respiratory, Immune, Gastrointestinal and Excretory Systems  
Professionalism in the Health Sciences  
Biomedical Laboratory Sciences



**YEAR 1**

Year 1 provides you with a sound base of scientific knowledge that underpins the practice of physiotherapy.

You gain an understanding of the structure, function and inter-relationship of systems in the human body by studying Anatomy and Physiology.

Year 1 also focuses on acquisition of the knowledge and basic skills required to assess and treat people with common musculoskeletal conditions.

**FIRST SEMESTER**

Anatomy  
Neuromusculoskeletal I  
Physiology  
Methods of Enquiry  
Physics

**SECOND SEMESTER**

Neuromusculoskeletal II  
Neuroscience Anatomy  
Health Psychology  
Professional Development I  
Clinical Placement 1



I chose to come to RCSI as it is solely a healthcare college and my experience so far has been amazing. I have made so many friends and memories that I know I'm going to treasure forever. In Physiotherapy, we have a small class size so you get help whenever you need it. The lecturers can regularly give you feedback on practical skills and are always available to answer any questions you may have. I enjoy spending time in the hospital where we can gain clinical experience and this has been invaluable to our learning and shaping us into future clinicians.

**GEMMA SHANAHAN**  
Physiotherapy, Ireland



**THIS PRACTICAL COURSE WILL PROVIDE YOU WITH CLINICAL AND CRITICAL THINKING SKILLS TO MEET THE DEMANDS OF A RAPIDLY CHANGING HEALTH SECTOR.**



**YEAR 2**

Year 2 builds on what you have already studied by further consolidating the knowledge and skills of physiotherapy practice.

**THE FOCUS THIS YEAR IS ON THE APPLICATION AND ANALYSIS OF PROBLEMS AND THEIR EFFECTS IN CORE CLINICAL AREAS, e.g. CARDIOVASCULAR/RESPIRATORY, NEUROLOGY AND MUSCULOSKELETAL.**

You gain an understanding of the research process and develop an ability to appraise and evaluate research and scientific literature. Blocks of clinical education alternate with academic modules in a variety of clinical settings.

On clinical placement, you apply your knowledge and skills in a real-world physiotherapy environment.

**FIRST SEMESTER**

Advanced Musculoskeletal I  
Neuroscience Anatomy  
Respiratory/Cardiovascular I  
Neurology I  
Professional Development II  
Clinical Placement 2  
Research Methods I

**SECOND SEMESTER**

Advanced Musculoskeletal II  
Respiratory/Cardiovascular II  
Neurology II  
Clinical Placement 3  
Clinical Placement 4

**YEAR 3**

Year 3 focuses on the integration of the knowledge you've already gained in the programme and understanding an advanced level of practice. Modules in final physiotherapy cover more specialised areas of practice, e.g. sports physiotherapy, women's health, care of the elderly and paediatrics.

**YOUR ABILITY TO EVALUATE AND UNDERTAKE RESEARCH IS DEVELOPED FURTHER BY COMPLETING A RESEARCH PROTOCOL.**

In the clinical setting, you encounter a more diverse and complex range of client groups in your final year. Throughout the programme, clinical education is a central element, and you will undertake 1,000+ hours on a full-time block basis. This helps you gain essential clinical experience under the supervision of physiotherapy clinical tutors and senior physiotherapy clinicians.

*International graduates of the RCSI Physiotherapy programme have a one-year stayback visa option should they wish to practice in Ireland.*

**FIRST SEMESTER**

Physiotherapy Across the Lifespan I (Sports Physiotherapy, Women's Health and Paediatrics)  
Research Methods II  
Clinical Placement 5  
Clinical Placement 6

**SECOND SEMESTER**

Complex Clinical Care Management  
Physiotherapy Across the Lifespan II (Care of the Elderly)  
Research Methods II  
Clinical Placement 7



RCSI'S MISSION IS TO 'EDUCATE, NURTURE AND DISCOVER FOR THE BENEFIT OF HUMAN HEALTH'. OUR ULTIMATE PURPOSE IS TO WORK IN SERVICE OF PATIENTS; A DEEP PROFESSIONAL RESPONSIBILITY TO ENHANCE HUMAN HEALTH THROUGH ENDEAVOUR, INNOVATION AND COLLABORATION IN EDUCATION, RESEARCH AND SERVICE INFORMS ALL THAT WE DO.



National  
Surgical & Clinical  
Skills Centre

# APPLICATION ESSENTIALS

## HOW TO APPLY

All Non-EU applicants, with the exception of those who are residing in the USA or Canada in the year of application, should apply directly to RCSI following the links in the 'undergraduate section' on [rcsi.com/dublin/undergraduate](https://rcsi.com/dublin/undergraduate).

Non-EU applicants who are residing in the USA or Canada in the year of application should apply using our Admissions partner based in California, the Atlantic Bridge Programme [atlanticbridge.com](https://atlanticbridge.com).

The Atlantic Bridge website [atlanticbridge.com](https://atlanticbridge.com) provides comprehensive information for applicants based in North America, including information on residency, financial aid and moving to Ireland.

Please note that all Non EU applicants to Advanced Therapeutic Technologies (including those residing in the USA or Canada) should apply directly to RCSI via our website [rcsi.com/dublin](https://rcsi.com/dublin).





## DATE

Applications open on **1 November** and close on **1 February** for students applying directly to RCSI.

Atlantic Bridge applications open at the beginning of August and close on 15 November, with late applications accepted until 15 January.

## ENTRY REQUIREMENTS

We accept applications from students who study many different curriculum types including A-levels, International Baccalaureate, Indian CBSE, and the American and Canadian High School Diplomas to name but a few.

A full list of the academic programmes that are accepted for admission to RCSI, and the required minimum academic entry requirements are available on the [RCSI website](#)

Some of the more common programmes that students apply to RCSI with and the minimum entry requirements that are required for admission are shown on the next couple of pages.



## MEDICINE UNDERGRADUATE

### NFQ

Level 8

### AWARD

MB, BCh, BAO (NUI & RCSI) LRCPI & LRCSI

### AWARDING BODY

National University of Ireland

### DURATION

5 or 6 years

The undergraduate medicine programme is five years in duration (5-year track). Some students are required to complete a Foundation Year (6-year track) depending on the grades and subjects that are presented at application. This is further outlined in the following section.

### MINIMUM ACADEMIC ENTRY REQUIREMENTS

#### A-LEVEL

##### Five-year track *(exempt from Foundation Year)*

Applicants must present a minimum of three A-Level subjects with minimum grades of ABB or AAC, to include Chemistry, one additional laboratory science subject (Biology or Physics), plus one other from the following: Biology, Physics, Mathematics and Psychology. All applicants must also have completed a minimum of six subjects at GCSE level, which must include a minimum Grade C in English and Mathematics.

##### Six-year track

Applicants who have completed three A-Levels but do not meet the above subject or grade requirements may be considered for the six-year entry route. Applicants must attain minimum grades of BBB preferably from the following subjects: Chemistry, Mathematics, Physics or Biology. A missing Science subject must have been taken at GCSE level with a minimum of Grade B attained.

## INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

### Five-year track *(exempt from Foundation Year)*

Applicants must present a minimum score of 36 IB Diploma points (inclusive of bonus points).

The IB Diploma must comprise a minimum of six subjects (three subjects at Higher Level and three subjects at Standard Level), which must include Chemistry at Higher Level (with a minimum score of 5) and another laboratory science subject (Biology or Physics) or Mathematics\* at Higher Level. If Mathematics is presented with Chemistry at Higher Level, another laboratory science subject (Biology or Physics) must also be presented at Standard Level.

### Six-year track

Applicants must present a minimum score of 32 IB Diploma points (inclusive of bonus points). The IB Diploma must comprise a minimum of six subjects (three subjects at Higher Level and three subjects at Standard Level), which must include English, Mathematics\* and at least one laboratory science subject (Chemistry, Biology or Physics).

*\*Both Mathematics: Analysis and Approaches and Mathematics: Applications and Interpretation are acceptable for application to RCSI*

## INDIA

Applicants must hold a bona-fide certificate of completion issued by the CBSE or CISCE.

### Five-year track *(exempt from Foundation Year)*

Applicants must achieve a minimum average score of 90% or above across five subjects in Grade 12, to include minimum scores of 75% in Chemistry, Biology and either Physics or Mathematics.

### Six-year track

Applicants must achieve a minimum average score of 80% or above across five subjects in Grade 12, to include minimum scores of 75% in Chemistry, Biology and either Physics or Mathematics.

*We would advise applicants who intend to practice in India to check the most up to date rules and regulations regarding eligibility to practice in India post-graduation, with the National Medical Commission ([www.nmc.org.in](http://www.nmc.org.in)).*



Non EU entry requirements  
Undergraduate Medicine



**CANADIAN HIGH SCHOOL DIPLOMA****6-year track**

Applicants must present a minimum average score of 85% in their top six Grade 12 academic subjects, which must include minimum scores of 80% in Biology, Chemistry and either Physics, Mathematics or Calculus.

**Five-year track** (*exempt from Foundation Year*)

Applicants who meet the six-year entry requirements and present three Advanced Placement (AP) examinations may be eligible for consideration for the five-year track. Applicants must present AP Chemistry, AP Biology and a third AP from the group; Calculus, Physics or Psychology, with minimum scores of 4 in each examination.

**US HIGH SCHOOL DIPLOMA****6-year track**

Applicants must present a minimum overall GPA of 3.5 in Grade 12, including minimum GPA of 3.0 in Biology, Chemistry and either Physics, Mathematics or Calculus.

**Five-year track** (*exempt from Foundation Year*)

Applicants who meet the six-year entry requirements and present three Advanced Placement (AP) examinations may be eligible for consideration for the five-year track. Applicants must present AP Chemistry, AP Biology and a third AP from the group; Calculus, Physics or Psychology, with minimum scores of 4 in each examination.

**COLLEGE OR UNIVERSITY STUDENTS**

Students who are attending College or University and who have completed one or two years of an undergraduate Science degree are also welcome to apply. Students who are taking courses that include Organic Chemistry and Biology will be considered for the five-year track while students without sufficient Organic Chemistry and Biology will be considered for the six-year track. Applicants are required to submit competitive GPAs for all years that they have completed within their chosen programme as well as competitive transcripts for their final year of high school/secondary education.

**GRADUATE ENTRY MEDICINE****NFQ**

Level 8

**AWARD**

MB, BCh, BAO (NUI &amp; RCSI) LRCPI &amp; LRCSI

**AWARDING BODY**

National University of Ireland

**DURATION**

4 years

**MINIMUM ACADEMIC ENTRY REQUIREMENTS**

**Competitive undergraduate Degree (usually a science degree) and MCAT or GAMSAT.**

Applicants must hold or expect to hold by July prior to entry a competitive GPA\* from an accredited undergraduate bachelor degree.

Applicants must also provide GAMSAT or MCAT examination results.

GAMSAT results are valid for two years prior to the start of the programme. MCAT results are valid for three years prior to the start of the programme.

*\*GPAs have different scoring systems and can vary from one country to the next. As a consequence, RCSI does not specify a minimum cut off GPA score and all transcripts are individually reviewed to determine if the GPA is competitive for entry.*



**Non EU entry requirements**  
**Graduate Entry Medicine**

## PHARMACY

### NFQ

Level 9

### AWARD

BSc Pharmacy (Hons), MPharm (NUI & RCSI)

### AWARDING BODY

National University of Ireland

### DURATION

4 or 5 years

### MINIMUM ACADEMIC ENTRY REQUIREMENTS

#### A-LEVEL

Applicants must present a minimum of three A-levels with minimum grades of ABB to include Chemistry and one of the following: Mathematics, Biology, Physics or Psychology. All applicants must also have completed a minimum of six subjects at GCSE level, which must include a minimum Grade C in English and Mathematics.

#### INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

Applicants must present a minimum score of 35 IB Diploma points (inclusive of bonus points). The Diploma must comprise a minimum of six subjects (three subjects at Higher Level and three subjects at Standard Level), which must include Chemistry at Higher Level (with a minimum score of 5) and another laboratory science subject (Biology or Physics) or Mathematics\* at Higher Level.

If Mathematics\* is presented with Chemistry at Higher Level, another laboratory science subject (Biology or Physics) must also be presented at Standard Level.

*\*Both Mathematics: Analysis and Approaches and Mathematics: Applications and Interpretation are acceptable for application to RCSI*

#### INDIA

Applicants must hold a bona-fide certificate of completion issued by the CBSE or CISCE.

Applicants must achieve an average of 85% or above in four subjects in Grade 12, to include minimum scores of 75% Chemistry, Biology and either Physics or Mathematics.

#### CANADIAN HIGH SCHOOL DIPLOMA

Applicants must present a minimum average of 85% in their top six Grade 12 academic subjects, which must include minimum scores of 80% in Biology, Chemistry and either Physics, Calculus or Mathematics.

#### US HIGH SCHOOL DIPLOMA

Applicants must present a minimum overall GPA of 3.5 in Grade 12, including minimum GPA of 3.0 in Chemistry, Biology and either Physics, Calculus or Mathematics.

#### COLLEGE OR UNIVERSITY STUDENTS

Applicants who hold, or expect to hold prior to entry, a competitive GPA\* from a four-year undergraduate bachelor degree, preferably in a science-related field, are eligible to apply as graduate entry students.

Applicants whose degree is not in a science-related field will be expected to meet the science-related matriculation requirements from their school leaving examinations, as outlined in our undergraduate Pharmacy entry requirements

*\*GPAs have different scoring systems and can vary from one country to the next. As a consequence, RCSI does not specify a minimum cut off GPA score and all transcripts are individually reviewed to determine if the GPA is competitive for entry.*



Non EU entry requirements  
Pharmacy (MPharm)



## ADVANCED THERAPEUTIC TECHNOLOGIES

### NFQ

Level 8

### AWARD

**BSc Advanced Therapeutic Technologies (Hons)**  
(NUI & RCSI)

### AWARDING BODY

National University of Ireland

### DURATION

4 years

### MINIMUM ACADEMIC ENTRY REQUIREMENTS

#### A-LEVEL

Applicants must present a minimum of three A-levels with minimum grades of BBC to include Mathematics (with a minimum grade of B) and at least one laboratory science (Biology, Chemistry or Physics).

All applicants must also have completed a minimum of six subjects at GCSE level, which must include a minimum Grade C in English and Mathematics.

#### INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

Applicants must attain a minimum score of 30 IB Diploma points (inclusive of bonus points).

The IB Diploma must comprise a minimum of six subjects (three subjects at Higher Level and three subjects at Standard Level), which must include Mathematics\* at Higher Level (with a minimum score of 5) and another laboratory science subject (Biology, Chemistry or Physics) at Higher Level.

*\*Both Mathematics: Analysis and Approaches and Mathematics: Applications and Interpretation are acceptable for application to RCSI*

#### INDIA

Applicants must hold a bona-fide certificate of completion issued by the CBSE or CISCE. Applicants must present a minimum average score of 75% or above across four subjects, to include a minimum score of 75% in Mathematics or Applied Mathematics and minimum scores of 70% in two laboratory science subjects (Biology, Chemistry or Physics) and one other subject.

#### CANADIAN HIGH SCHOOL DIPLOMA

Applicants must present a minimum average score of 80% in Grade 12, which must include a minimum score of 80% in Mathematics and minimum scores of 75% in two of the following subjects: Chemistry, Biology, Physics or Calculus.

#### US HIGH SCHOOL DIPLOMA

Applicants must present a minimum overall GPA of 3.0 in Grade 12, which must include a minimum GPA of 3.0 in Mathematics and in two of the following subjects: Chemistry, Biology, Physics or Calculus.

#### COLLEGE OR UNIVERSITY STUDENTS

Applicants who hold, or expect to hold prior to entry, a competitive GPA\* from a four-year undergraduate bachelor degree, preferably in a science-related field, are eligible to apply as graduate entry students.

Applicants whose degree is not in a science-related field will be expected to meet the science-related matriculation requirements from their school leaving examinations, as outlined in our undergraduate Advanced Therapeutic Technologies entry requirements.

*\*GPAs have different scoring systems and can vary from one country to the next. As a consequence, RCSI does not specify a minimum cut off GPA score and all transcripts are individually reviewed to determine if the GPA is competitive for entry.*



Non EU entry requirements  
Advanced Therapeutic Technologies

## PHYSIOTHERAPY

### NFQ

Level 8

### AWARD

BSc Physiotherapy (Hons) (NUI & RCSI)

### AWARDING BODY

National University of Ireland

### DURATION

3 or 4 years

### MINIMUM ACADEMIC ENTRY REQUIREMENTS

#### A-LEVEL

Applicants must present a minimum of three A-levels with minimum grades of BBB to include Mathematics and one of the following laboratory science subjects: Biology, Physics or Chemistry.

All applicants must also have completed a minimum of six subjects at GCSE level, which must include a minimum Grade C in English and Mathematics.

#### INTERNATIONAL BACCALAUREATE DIPLOMA

Applicants must attain a minimum score of 32 IB Diploma points (inclusive of bonus points).

The IB Diploma must comprise a minimum of six subjects (three subjects at Higher Level and three subjects at Standard Level), which must include English, Mathematics\* and at least one laboratory science subject (Chemistry, Biology or Physics).

*\*Both Mathematics: Analysis and Approaches and Mathematics: Applications and Interpretation are acceptable for application to RCSI*

#### INDIA

Applicants must hold a bona-fide certificate of completion issued by the CBSE or CISCE. Applicants must present a minimum average score of 75% across four subjects in Grade 12, to include minimum scores of 70% in Chemistry, Biology and either Physics or Mathematics.

#### CANADIAN HIGH SCHOOL DIPLOMA

Applicants must present a minimum average score of 80% in Grade 12, which must include minimum scores of 75% in two of the following subjects: Chemistry or Biology and Physics, Mathematics or Calculus.

#### US HIGH SCHOOL DIPLOMA

Applicants must present a minimum overall GPA of 3.0 in Grade 12, including minimum GPA of 3.0 in two of the following subjects: Chemistry or Biology and Physics, Mathematics or Calculus.

#### COLLEGE OR UNIVERSITY STUDENTS

Applicants who hold, or expect to hold prior to entry, a competitive GPA\* from a four-year undergraduate bachelor degree, preferably in a science-related field, are eligible to apply as graduate entry students.

*\*GPAs have different scoring systems and can vary from one country to the next. As a consequence, RCSI does not specify a minimum cut off GPA score and all transcripts are individually reviewed to determine if the GPA is competitive for entry.*



Non EU entry requirements  
Physiotherapy



## FEES

Fees for the 2022/2023 academic year are listed below as a guideline. Fees are annual.

The Non-EU Medicine fees are subject to annual increases.

The inflationary increase has been in the order of 2% per annum for the past number of years.

### FEES 2022/2023

Undergraduate Medicine	€57,000
Graduate Entry Medicine	€58,500
Pharmacy	€25,000
Physiotherapy	€25,000
Advanced Therapeutic Technologies	€25,000

## SCHOLARSHIPS

Scholarships of €7,000 per annum are available to competitive students who are privately funded on the Advanced Therapeutic Technologies, Pharmacy and Physiotherapy programmes.

A limited number of scholarships, up to the value of €25,000 in total each, are available to privately funded Undergraduate Medicine and Graduate Entry Medicine students.

Full information is available in the Application Information section at [rcsi.com/dublin](https://rcsi.com/dublin)

## FURTHER INFORMATION

For detailed information on entry requirements per programme, and the admissions procedure, please visit: [rcsi.com/dublin/undergraduate](https://rcsi.com/dublin/undergraduate)





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UNIVERSITY  
OF MEDICINE  
AND HEALTH  
SCIENCES

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