

NORTH AMERICAN PROSPECTUS

Medicine
Pharmacy
Physiotherapy

RCSI

Leading
the World
to Better
Health





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1. Who We Are

Our mission is to educate, nurture and discover for the benefit of human health.

At the Royal College of Surgeons in Ireland, everything we do is designed to serve patients.

Our university 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.

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. We are 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.



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 into 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.

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.



Meet people from every corner of the globe and find the club or society that suits you.

2. Why Choose the Royal College of Surgeons in Ireland?

A Singular Focus on Healthcare

Healthcare is all we do. 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.

Reputation and Independent Pursuit of Excellence

RCSI is one of the top 250 (top 2%) universities worldwide in the 2019 Times Higher Education World University Rankings and ranks 2nd out of all universities in the Republic of Ireland .

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. That means we do not just teach at RCSI, we are deeply committed to exploring and solving healthcare's greatest demands, 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.

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

Our leading clinicians are
your leading teachers.

Early Patient Contact

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.

Experiential Opportunities

During your time at RCSI, you can participate in our research summer school and clinical electives.

Research Summer School

From year one, 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 the Johns Hopkins Hospital Group, Columbia University Medical Center and the Mayo Clinic in the United States of America.



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.

Our programmes provide you with the breadth of knowledge and range of skills you need to shape your career. RCSI's curriculum is constantly evolving to ensure that you have everything you need to be a successful doctor, physiotherapist, pharmacist or researcher. 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.

We are home to
Europe's largest clinical
simulation facility.





Global Impact

As a leading institution in healthcare, medicine and research, we advance health and well-being 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.

In addition to our Dublin campus, RCSI also has universities in Bahrain and Malaysia. 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, it 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 studying in this programme spend the first two years in Dublin and complete the remainder of the degree in Penang.

3. What You Will Experience

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 across from 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.

Dublin is also a gateway to continental Europe, with direct flights to multiple locations in most countries. During their time in RCSI, many of our students explore the European continent.

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.

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. You will study at our purpose-built facilities, including Europe's largest clinical simulator and our original buildings. Two centuries of graduates committed to improving patients' lives launched their careers in these exact spaces.







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 allow you to 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. 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 as part of RCSI Cultural Diversity Month which showcases the culture, traditions, food, music and dance from RCSI students' home countries.

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

Clubs and Societies

Our clubs and societies allow you to become immersed in a mixed community of Irish and international students. While the academic programmes are demanding, it is essential that you take time away from the books to find a suitable study/life balance. We have more than 35 active clubs and 40 active societies. There is truly something for everyone.

Extracurricular activities help you develop strong interpersonal skills, values and attitudes. Our graduates often remind us of the importance of participating in student life and how it gave them the edge in their postgraduate training and chosen careers.

The student societies include drama, music, photography and publishing. Our careers societies include paediatrics, neuroscience, CIMSA (Canadian International Medical Student Association) and AMSA (American Medical Students Association).

Sports clubs include archery, athletics and climbing while team sports include soccer, rugby, hockey and basketball.

The full list of clubs and societies is shown on the RCSI website.

Facilities

Library

The RCSI Library provides services to meet the learning and research needs of our healthcare practitioners. One library is located in our city-centre campus and there is another in Beaumont Hospital. You will have access to a wide range of study and social spaces, an extensive collection of biomedical resources and an expert library team. Library spaces are designed with students in mind, providing a high-tech learning environment to support both collaborative and individual study.

We can assist you in evaluating, using and managing information, as this is an integral part of your studies. The library team supports this through curriculum sessions,

a dedicated team at information desks, online guides and resources plus one-to-one consultations throughout the year. As you progress through your programme, library staff are there to help you find and use information at all stages of your studies. The Library is also proud to preserve RCSI's unique historical materials, covering over two centuries of medical and healthcare history in Ireland. You have access to this wealth of medical history and the opportunity to engage with these collections through exhibitions, visiting the Heritage Collections Reading Room and/or undertaking research projects as part of the Research Summer School.



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, be it 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 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.





Simulation Centre

The largest clinical simulation facility in Europe was opened in 2017 and is located in our St. Stephen's Green Campus. It was built to ensure that RCSI can continue to graduate healthcare professionals with superior clinical skills, the teaching of which has become challenged by changes in how patients receive treatment in the hospital setting. Improvements in healthcare delivery have ensured that more and more patients receive medical procedures on a day-case basis. While these rapid procedures are beneficial for the patient, they present a real challenge for medical schools, particularly in training early clinical and communication skills in clinical environments where an increasing number of patients are treated on a day-case basis. This results in hospitals that are often filled with patients who are older, more unwell and therefore less suitable for students to practice their early patient skills.

The Clinical Simulation Centre contains a virtual hospital, with wards, outpatients' clinics and a full operating theatre and trauma facility. This facility allows us to train our students using safe, structured and repeatable teaching models where students can develop confidence and competence in their patient management skills before engaging with real patients in the hospital setting.

This form of healthcare teaching represents a huge leap forward for clinical training not just in RCSI but also internationally, cementing RCSI's place at the forefront of healthcare education.

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

Research Electives

Research Summer School

RCSI provides you with opportunities to undertake clinical and laboratory research as part of a medical research team. Participation is strongly encouraged and you can take part from year 1 of your studies. You have the opportunity to work as part of a research team over an 8-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 in addition to having 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).

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 funded to take part in two-month research programmes in an Erasmus* country. This offers you 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.





Sabrina Newstead, a final year GEM student at RCSI, completed a clinical elective at Pennsylvania Hospital in Philadelphia.

Clinical Electives

Participation in clinical electives is very beneficial to students entering their final years at RCSI. Through a network of strategic partnerships, including Johns Hopkins Hospital Group, Columbia University Medical Center and the Mayo Clinic, the university offers a significant number of overseas clinical elective opportunities for students. Electives are an enriching experience for students who work with patients in some of the world's leading hospitals.

Clinical electives are allocated and managed by a dedicated and highly experienced team. They will provide you with advice throughout the process and administrative support during the application time window.

The RCSI collaborative elective programme is a unique opportunity for RCSI students to gain clinical experience in North America and Canada. As part of this initiative, I had the privilege of completing an oncology clerkship at Johns Hopkins Hospital in Baltimore. This elective involved significant responsibility with day-to-day patient care and clinical decision-making.

Although daunting at first, the team at Johns Hopkins provided me with continuous support and guidance throughout the placement including daily one-to-one teaching sessions. This programme is a fantastic opportunity to advance your clinical acumen while also providing an opportunity to travel and make connections for your future career. The professional and clinical skills embedded in RCSI students have an international translatability that will allow you to excel and enjoy all your international electives.

Alice Talbot,
Clinical Elective,
Johns Hopkins Baltimore



Student Welfare

RCSI is committed to helping you achieve your academic and professional goals. We recognise, however, that at times students can face personal challenges during their training.

Welfare Team

Our dedicated welfare team provides direct confidential support, guidance and referral to specialist services. When required, interventions are designed to promote and restore student well-being. This service works collaboratively and pro-actively with you to promote positive behaviours and develop personal strategies that empower you to self-manage and sustain your well-being in future professional practice.

Health 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.

Mental Health

As you learn about human systems, it is important you appreciate that you too are a human system and may be vulnerable when one element is underperforming or not working correctly. For this reason, RCSI places a special emphasis on our students' professional obligation to actively manage their personal health during their academic and clinical training.

If any of our students experience mental health challenges, help is available 24/7.



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 multi-cultural 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.

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 which include 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.

Approximately 50 RCSI students, from all programmes, volunteer each year. You can help by leading teams, encouraging the children taking part and running a variety of events and sports activities.



Education and Clinical Network

WHERE

1 Co. Dublin	6 Co. Westmeath
2 Co. Louth	7 Co. Galway
3 Co. Cavan	8 Co. Kilkenny
4 Co. Fermanagh	9 Co. Waterford
5 Co. Meath	

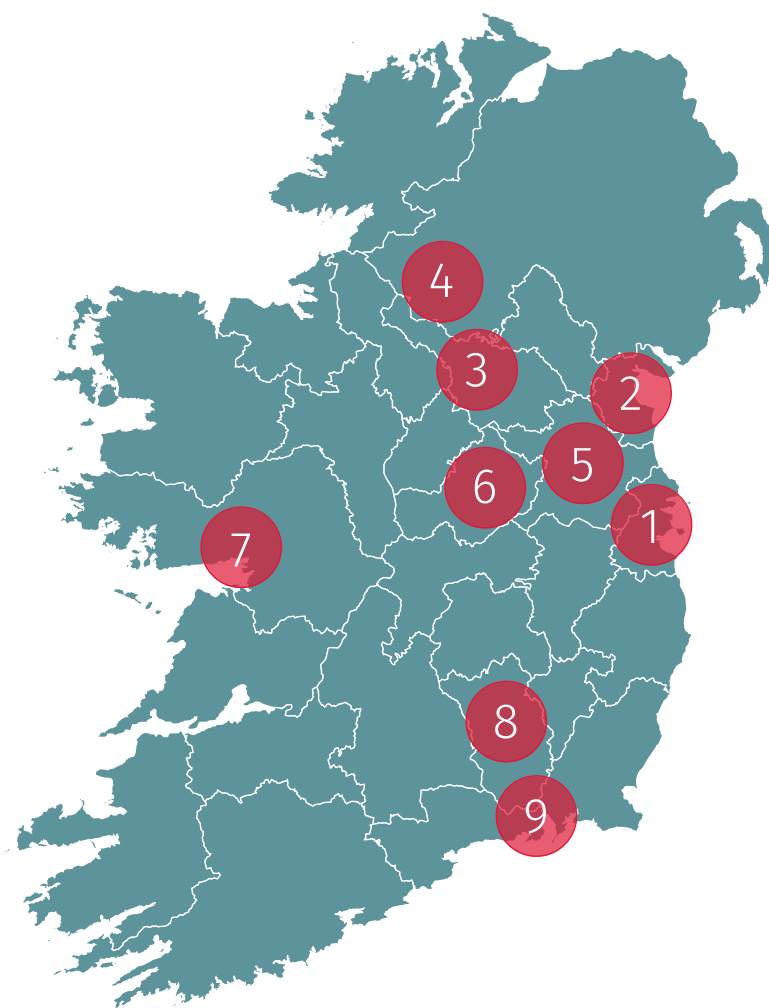
RCSI Hospitals Group

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.

This is an overview of the RCSI teaching 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 specialities 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, out-patient care plus diagnostic and therapeutic and support services.



1 The 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 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.

Affiliated, Specialist and Private Hospitals and Clinical Sites

1 The National Maternity Hospital

provides obstetrics, gynaecology and neonatal services and delivers more than 9,000 babies each year.

1 The 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 specialities 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 both 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 The 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.





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

❶ **Beacon Hospital** is one of the most advanced private hospitals in Europe, with over 1,300 consultants, nurses and healthcare professionals. It provides 24-hour world-class acute-care services, including orthopaedics, physiotherapy, cardiology, women's health, urology, cardiothoracic surgery, vascular surgery, plastic and reconstructive surgery, ENT, neurology, general surgery, comprehensive cancer care and emergency medicine.

❶ **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.

❶ **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.

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

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

❶ **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.

❶ **ReproMed** Ireland provides an IVF unit in Dublin as well as fertility clinics in Dublin, Cork, Drogheda, Kilkenny and Limerick.

❶ **SIMS** provides some of the most advanced and successful testing technology and IVF treatments to patients.

❶ **The 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.

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

❶ **Regional Hospital Mullingar** provides a range of acute and specialist services to the population of Westmeath, Longford and the wider community.

❶ **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 specialities.

❶ **St Luke's General Hospital Carlow-Kilkenny** is a large hospital providing acute healthcare services.

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



Mercer Court accommodation



New Mill Street accommodation

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 joining 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

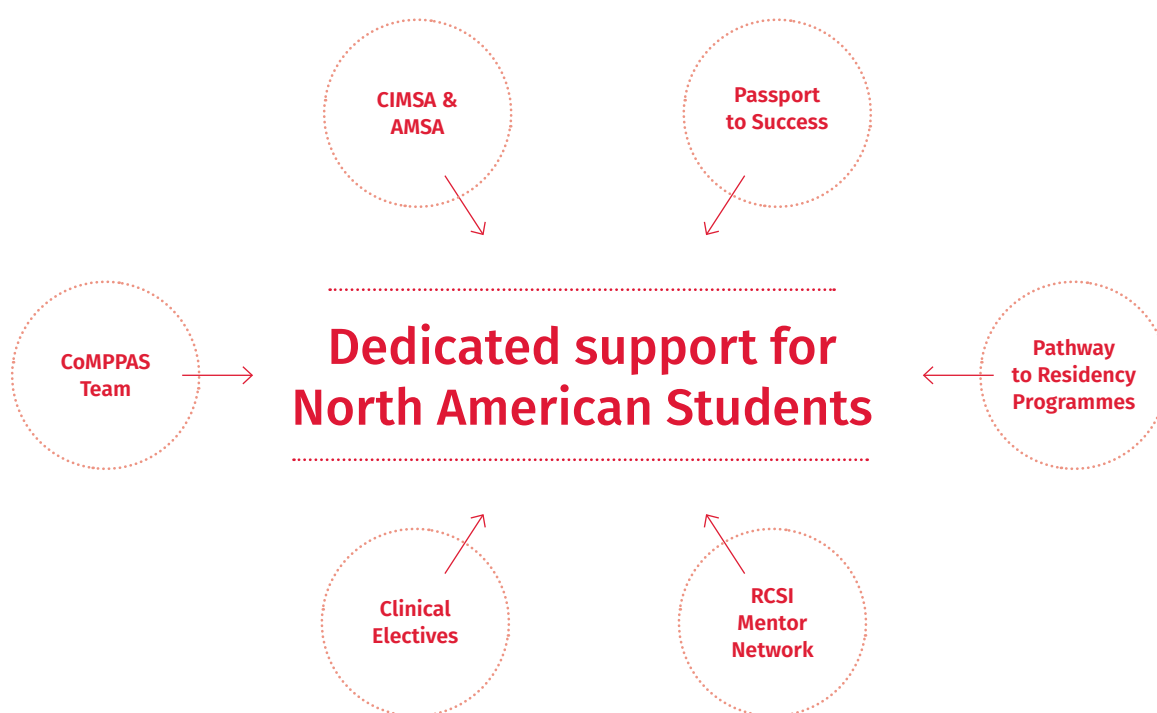
a community of students in the same situation. While taking on the practical responsibilities of living independently, you also have a wonderful opportunity to forge new friendships and networks.

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



New Mill Street accommodation

4. What You Will Become



Career Development

RCSI has been educating North American students since the 1970's. We currently have an alumni network in North America in excess of 2,000 doctors, many of whom are working in some of the most prestigious hospitals and healthcare institutions in the USA and Canada such as Mayo Clinical and Johns Hopkins Hospital Group.

We understand that for most North American students, the priority is to secure a competitive residency and get back to North America 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.

To ensure that our students are successful in returning to North America after graduation, the College 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 particular supports are given to our students wishing to return and practice in North America.

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 Canadian and American students here in Ireland who are in pursuit of a medical degree to leverage their achievements to return home and secure a residency. 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 actively work with you to facilitate these opportunities.

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 the US, Canada and many other 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.



Class of 2019

The range of clinical specialties and location of Residencies secured by the Class of 2019 in both Canada and the USA are shown below.

Canada

Hospital/Institution	Residency Program	Province
University of Calgary	Family Medicine	AB
University of British Columbia	Family Medicine (3 places)	BC
University of Manitoba	Family Medicine	MB
University of Manitoba	Internal Medicine	MB
University of Manitoba	Pediatrics	MB
Dalhousie University	Family Medicine	NB
Memorial University of Newfoundland	Anatomical Pathology	NL
McMaster University	Anesthesiology	ON
McMaster University	Family Medicine (2 places)	ON
McMaster University	Physical Medicine & Rehabilitation	ON
Queen's University	Psychiatry	ON
University of Ottawa	Anesthesiology	ON
University of Ottawa	Family Medicine	ON
University of Ottawa	Obstetrics and Gynecology	ON
University of Ottawa	Pediatrics	ON
University of Ottawa	Psychiatry	ON
University of Toronto	Diagnostic Radiology	ON
University of Toronto	Family Medicine (3 places)	ON
University of Toronto	Internal Medicine (2 places)	ON
University of Toronto	Medical Genetics and Genomics	ON
University of Toronto	Ophthalmology	ON
Western University	Family Medicine (2 places)	ON
Western University	Internal Medicine	ON
Western University	Orthopedic Surgery	ON
Western University	Psychiatry	ON
Queen's University	Internal Medicine	ON
Université de Montréal	Radiologie Diagnostique	QC

USA

Hospital/Institution	Residency Program	State
University of South Alabama Hospitals	Pediatrics	AL
Mayo Clinic School of Grad Med Education	Neurology	AZ
St Mary Med Center - Long Beach	Medicine-Preliminary	CA
St Francis Hospital	Obstetrics-Gynecology	CT

USA

Hospital/Institution	Residency Program	State
Yale-New Haven Hospital	Obstetrics-Gynecology	CT
University of Connecticut School of Medicine	Surgery-Preliminary	CT
MedStar Georgetown University Hospital	Psychiatry	DC
Blake Medical Center	Internal Medicine	FL
UIC/Metro Group Hospitals	Surgery-Preliminary	IL
University of Illinois College of Medicine - Rockford	Family Medicine	IL
Indiana University School of Medicine	Vascular Surgery	IN
Baystate Med Center	Internal Medicine (2 places)	MA
Baystate Med Center	Pediatrics	MA
Tufts Medical Center	Surgery-Preliminary	MA
Tufts Medical Center	Pediatrics	MA
Lahey Clinic	Internal Medicine (2 places)	MA
Johns Hopkins Hospital -MD	Emergency Med-Anesthesiology	MD
Mayo Clinic School of Grad Med Education	Surgery-Preliminary	MN
Mayo Clinic School of Grad Med Education	Family Medicine	MN
Barnes-Jewish Hospital	Anat/Clin & Anat Path	MO
Campbell University	Emergency Medicine/Cape Fear	NC
University of Nebraska Med Center	Internal Medicine	NE
Dartmouth-Hitchcock Med Center	Pediatrics	NH
NYMC-Metropolitan Hospital Center	Medicine-Preliminary	NY
Zucker School of Medicine - Northwell Lenox Hill Hospital	Otolaryngology	NY
Zucker School of Medicine - Northwell Staten Island University	Surgery-Preliminary	NY
Icahn School of Medicine St Lukes-Roosevelt	Anesthesiology	NY
Icahn School of Medicine St Lukes-Roosevelt	Internal Medicine	NY
Icahn School of Medicine Beth Israel	Med-Prelim/Neurology	NY
Ellis Hospital	Family Medicine	NY
Cleveland Clinic Fdn	Internal Medicine	OH
Cleveland Clinic Fdn	Pediatrics (2 places)	OH
Case Western/Univ Hosps Cleveland Med Ctr	Int Med/International Health	OH
Case Western/Univ Hosps Cleveland Med Ctr	Surgery-Preliminary	OH
St Vincent Charity Med Ctr	Internal Medicine	OH
Pennsylvania Hospital	Internal Medicine	PA
Hosp of the Univ of Pennsylvania	Surgery-Preliminary	PA
University of Tennessee COM-Chattanooga	Orthopaedic Surgery	TN
University of Texas Southwestern Med Sch-Dallas	Surgery-Preliminary	TX
University of Texas Southwestern Med Sch-Dallas	Family Medicine	TX
University of Utah Affil Hospitals	Med-Prelim/Intl Partnership	UT
Eastern VA Med School	Pediatrics	VA
University of Washington Affil Hosps	Internal Medicine	WA

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.

Passport for Success

The **Passport for Success** program 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 Choice

Each Semester the CoMPPAS Career Development team provides opportunities to engage and build upon your achievements to support your career goals. We host both Canadian and US specific medical specialty talks with visiting clinicians and utilise video conferencing webinars ensuring our students are kept abreast of current labor market trends, medical licensing and residency match specifics.

Career consultations are available in our city center campus and in our clinical teaching sites at Beaumont Hospital and Connolly Hospital. Our team can work with you to tailor the specifics of your career plan for specialty choice and destination.

The CoMPPAS Career Development team also facilitate US residency programs who interview candidates on-site in RCSI.



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 will work as a resident-in-training in a hospital in Ireland, the US or Canada.

RCSI Career Readiness Programme - Undergraduate Medicine		
Early-Stage Career Discovery 0-1 Years	Mid-Stage Career Choice 2-3 Years	Final Years Career Ready 4-5 Years
Objectives <ul style="list-style-type: none"> 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. 	Objectives <ul style="list-style-type: none"> Personal & Professional development. Personalised Career consultation. Build relevant skills and experience. Identify pathways to Residency and Internship Match. 	Objectives <ul style="list-style-type: none"> Develop Post Graduation Career Plan. Prepare for Final destination, Internship/Residency. Make connections - start to build your professional network.
Actions <ul style="list-style-type: none"> 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. 	Actions <ul style="list-style-type: none"> 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. 	Actions <ul style="list-style-type: none"> 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 Year 1	Mid-Stage Career Choice Year 2	Final Years Career Ready Years 3-4
Objectives <ul style="list-style-type: none"> • 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. 	Objectives <ul style="list-style-type: none"> • Personal & Professional development. • Personalised Career consultation. • Build relevant skills and experience. • Identify pathways to Residency and Internship Match. 	Objectives <ul style="list-style-type: none"> • Develop Post Graduation Career Plan. • Prepare for Final destination, Internship/Residency. • Make connections - start to build your professional network.
Actions <ul style="list-style-type: none"> • 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. 	Actions <ul style="list-style-type: none"> • 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. 	Actions <ul style="list-style-type: none"> • 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.

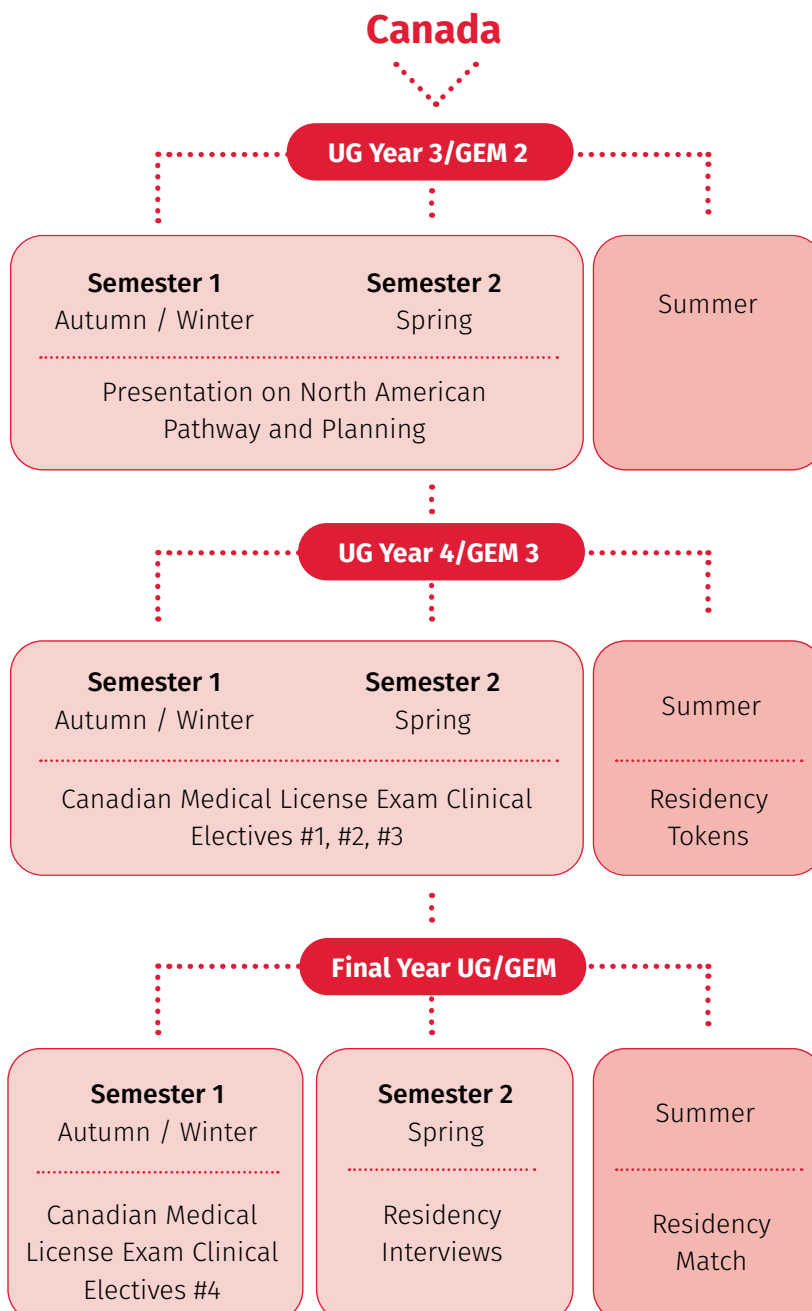
Medical License Exams

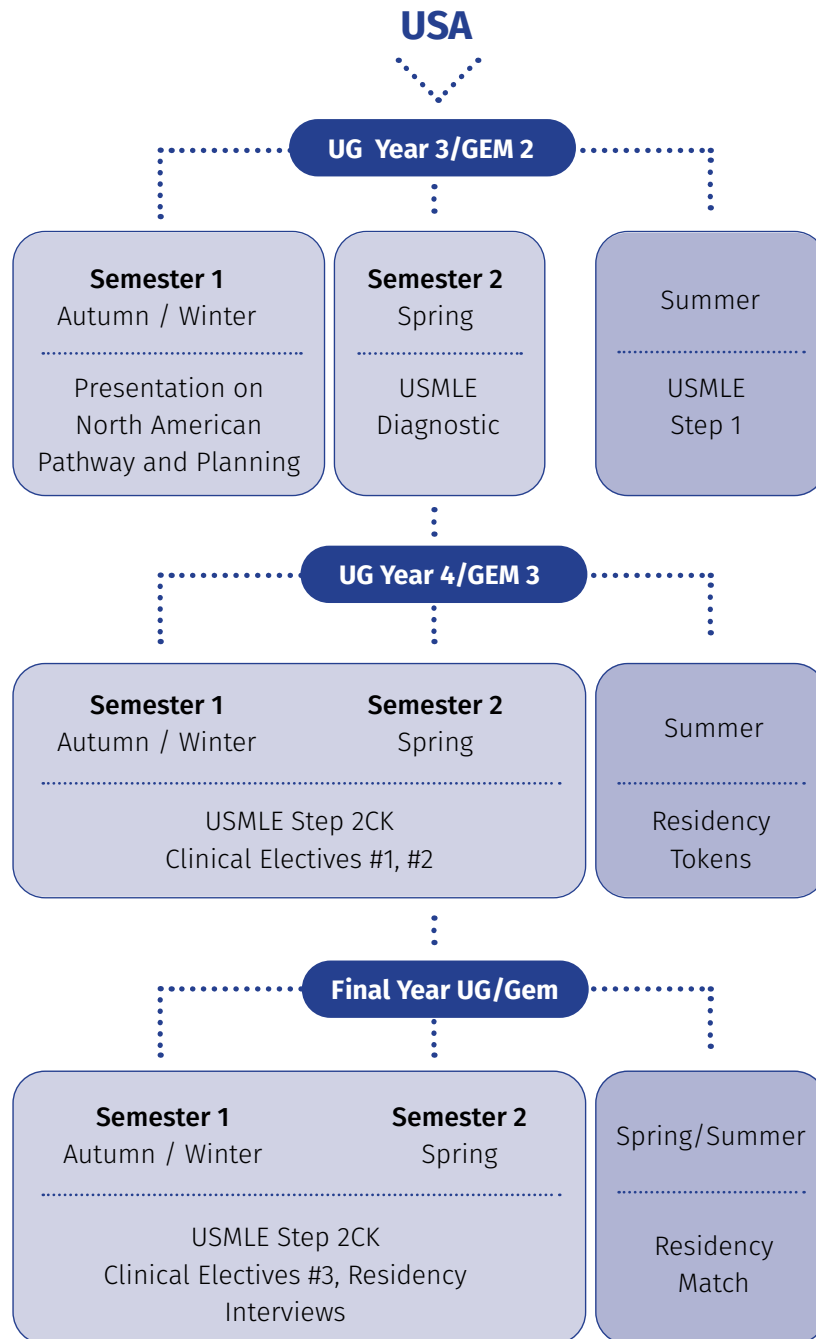
The RCSI Canadian and US Medical License Program Directors and Academic colleagues work to scope and deliver medical license resources that support your preparation for these important professional medical license examinations.

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.

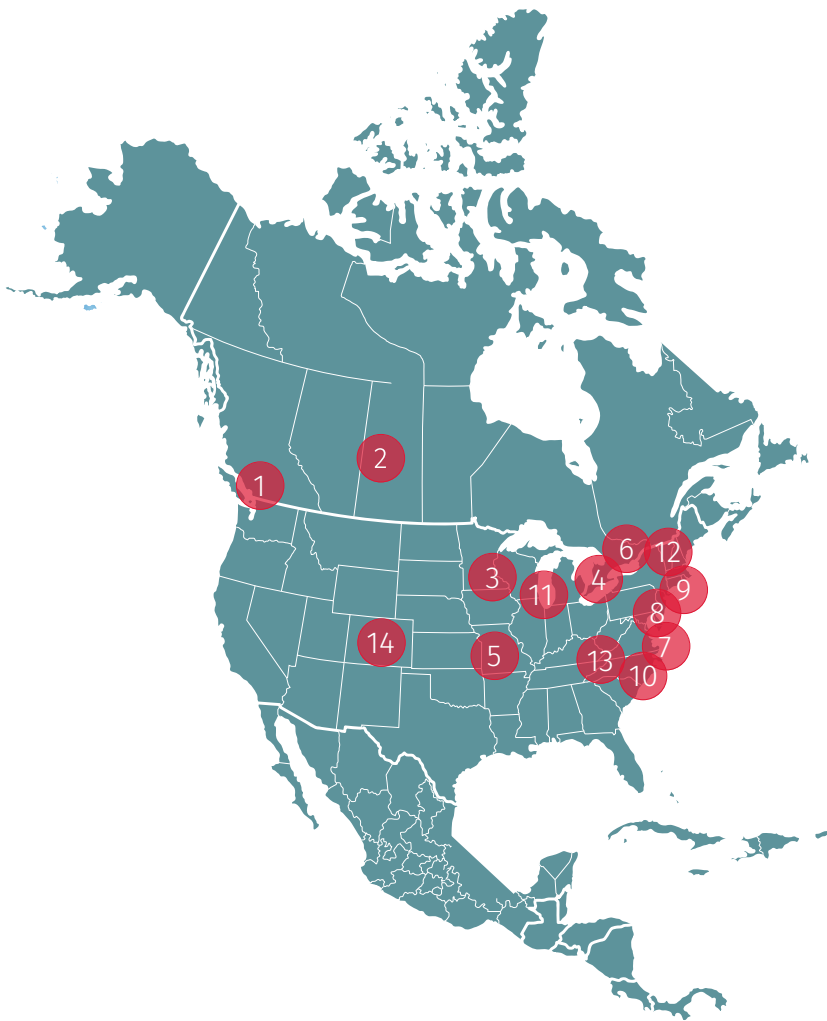
The RCSI School of Medicine working with CoMPPAS Career Development is well-informed on licensing requirements, ensuring our Pathways to Residency programs support the advancement of our graduates and returning international medical graduates (IMGs).

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.

International Clinical Electives

Participation in clinical electives in the final two years of medical schooling is an essential part of the programme for North American students whose goal is residency training. 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 |
| 2 | University of British Saskatchewan |
| 3 | Mayo Clinic |
| 4 | McMaster University |
| 5 | Emory University Hospital Group |
| 6 | University of Toronto |
| 7 | Columbia University Medical center |
| 8 | University of Massachusetts |
| 9 | Baystate Medical Center |
| 10 | University of Pennsylvania |
| 11 | Northwestern Memorial Hospital |
| 12 | Lahey Hospital & Medical Center |
| 13 | Johns Hopkins Hospital Group |
| 14 | University of Colorado Denver |

Clinical Elective Experiences



**Alexander Bonte,
Graduate Entry Medicine**

I have been in the graduate entry medicine program at RCSI since 2016, and I have just entered my final year. I was hooked on surgery after really enjoying dissection in anatomy lab. I did three surgical rotations this summer; the first in Vascular Surgery at UCSF Fresno, then General Surgery at Mount Sinai Brooklyn, and finally Otolaryngology/Head and Neck Surgery at Kaiser Permanente Oakland. I also completed another elective in General Surgery at the University of Colorado at Denver more recently.

My favorite moment so far on these electives has been seeing post-operative patients in clinic for their follow-up appointments after they have gone home and recovered from surgery. It is extremely rewarding to see patients returning to their everyday lives after meeting them in the hospital, and knowing that our intervention really had a positive impact.



**E Chin Mak,
Undergraduate Medicine**

I am a 5th year undergraduate medicine student at RCSI. I did four electives in emergency medicine this summer, as it is the specialty I would like to pursue a career in. Every experience was unique and changed my view on the practice of medicine as a whole.

My first elective was in Ottawa, where I learnt the approaches to emergency medicine. Prior to this, I have never truly worked in the ED, or understood what it meant to see and manage my own patients. It was a great introduction to the specialty, and helped me greatly along my elective trail.

My second elective was at Mayo Clinic in Rochester, where I had my biggest learning curve in EM. I was given the independence and responsibilities to run as an intern, which involved managing several patients at a time and following through with them to make sure they receive the best care possible from our team.

My third and fourth electives were at Boston Medical Center and Florida International University in Miami, and it was then I truly felt like a well-oiled machine and was contributing to my team at the ED.

Begin your
journey at **RCSI**
and join us in
**Leading the
World to Better
Health**

5. Our Programmes

NFQ: Level 8
Award: MB, BCh, BAO, (NUI & RCSI)
LRCPI & LRCSI
Awarding Body:
National University of Ireland

Medicine — Undergraduate

RCSI is committed to producing clinically skilled doctors with the most relevant and robust experience required to work in today's health systems. Throughout your time at RCSI, you have the opportunity to develop your clinical, communication and professional skills in a safe, simulated environment in Europe's largest and most modern clinical simulation facility and by training in Ireland's leading hospitals.

We also provide you with many opportunities to build your career outside of the classroom through research and clinical electives as well as sub-internships.

During Foundation Year at RCSI, you study the principles of foundation sciences, communication and how to work as part of a team.

You obtain a solid grounding in the biomedical sciences and professionalism plus the necessary IT skills to operate efficiently within the College's virtual learning environment (VLE).

This prepares you for success in both your future medical studies and career.

Foundation Year

Semester 1

Fundamentals of Medical Physics

Fundamentals of Medicinal & Pharmaceutical Chemistry

Fundamentals of Human Biology

Musculoskeletal Nervous, Skin, Special Senses, Reproduction & Endocrine Systems

Cardiovascular, GIT, Immune, Excretory & Respiratory Systems

Professionalism in the Health Sciences

Biomedical Laboratory Sciences

Foundation Year

Semester 2

Diseases, Diagnostics and Therapeutics

Medicinal & Pharmaceutical Chemistry II

Musculoskeletal Nervous, Skin, Special Senses, Reproduction & Endocrine Systems

Cardiovascular, GIT, Immune, Excretory & Respiratory Systems

Professionalism in the Health Sciences

Biomedical Laboratory Sciences

In Year 1, you will learn about the normal body structure and function, including anatomy dissection. You are also introduced to professional clinical practice and contact with patients.

Tutorials and practicals serve to reinforce and enhance your understanding of the fundamental concepts covered in lectures and test your basic understanding through applied problems in a practical context.

Year 1

Semester 1

Fundamentals of Biomedicine and Pharmacology

Introduction to Professional Clinical Practice

Musculoskeletal Biology

Cardio Respiratory Biology

Year 1

Semester 2

Gastrointestinal Biology

Nervous System Biology

Renal and Endocrine Biology

Introduction to Professional Clinical Practice



Year 2 of the medicine programme focuses on the abnormal bodily functions. Semester 1 is primarily based in Beaumont Hospital and involves teaching from a wide variety of specialties, including Clinical Microbiology, Pathology, Immunology, Professionalism, Therapeutics in addition to the medical and surgical sub-specialties. Teaching includes lectures, small-group tutorials, workshops, case-based multi-disciplinary teaching sessions with various hospital specialists, clinical skills, interprofessional education with the School of Pharmacy and online technology-enhanced learning.

The foundations of microbiology, pathology and immunology introduce the essential building blocks so you can manage patients with infection and disease appropriately. After that, students work through the different body systems where the focus is on disease of each system, its diagnosis, management and prevention.

Inter-professional, case-based teaching with the RCSI School of Pharmacy takes place in the cardiovascular module. This involves both undergraduate medical and pharmacy students collaborating in small groups to effectively devise an appropriate management plan for a patient with a complex infection (endocarditis) and learn their distinct collaborative roles in patient management.

Year 2

Semester 1

Foundations in Microbiology

Foundations in Pathology

Immunology & Skin

Respiratory Disease

Year 2

Semester 2

Gastrointestinal Disease

Nervous System Disease

Renal & Endocrine Disease

Cardiovascular Disease



In Year 3, half of your time will be spent in a hospital setting attached to clinical teams. You will also be provided with opportunities to complete a selected research project and undertake modules focused on evidence-based health, population-based health, quality improvement, leadership and precision medicine.

Year 3

Semester 1 - 2

Clinical Medicine & Surgery

Evidence-Based Health

Health Psychology

Musculoskeletal & Ocular Disease

Public and International Health

Student Selected Project

Tomorrow's Health Professionals

In years 4 and 5, you are attached on a rotational basis for 7 weeks and participate fully with 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.

Year 4

Semester 1 - 2

Medicine & Surgery (ENT)

General Practice

Psychiatry

Obstetrics and Gynaecology

Paediatrics and Neonatal Medicine

Year 5

Semester 1 - 2

Medicine and Surgery

The final year prepares the 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. Preparation for practice in medicine and surgery will occur in our major teaching hospitals, including 25% of elective modules in disciplines and on locations of your choosing.



One of the main reasons that I chose RCSI was due to the incredible teaching facilities that they have and the opportunities that they offer students to do clinical electives and various research electives in the US to bolster our CVs.

We have been exposed to patients from early on and there is a core focus on clinical skills. I have made so many global connections in my time here thus far, I would never have thought before coming to Ireland that my best friends hail from all corners of the world.

Carsten Opris,
USA, Medicine



Graduate Entry Medicine

NFQ: Level 8
Award: MB, BCh, BAO, (NUI & RCSI)
LRCPI & LRCPI
Awarding Body:
National University of Ireland

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.

Year 1 of the programme is delivered through systems-based modules, teaching you about how the body works in the healthy state.

Surgical grand rounds, weekly cases and clinical skills training provide clinical context in the 1st semester. In the second semester, students attend hospital placements on Wednesday afternoons providing an opportunity for application of their clinical skills.

After end-of-year exams, you will also complete a hospital placement for the month of June.

Year 1

Semester 1

Fundamentals of Biomedicine

Musculoskeletal Biology

Blood: Haematology and Immunology

Molecular Medicine

Health, Behaviour and Patient Safety

Gastrointestinal Biology

Clinical Competencies

Year 1

Semester 2

Cardiorespiratory System

Renal and Endocrine Biology

Nervous System Biology

Evidence-Based Health/Public Health & Epidemiology

Clinical Competencies

Clinical Attachment

Year 2

Semester 1

Cardiology

Respiratory

Gastrointestinal and Hepatology

Clinical competencies

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.

Simulation scenarios using our state-of-the-art simulators also facilitate clinical teaching.

During Year 2, you complete two one-month clinical attachments that provide you with the opportunity to become an active member of a clinical team within the hospital, and learn about the multiple aspects of patient management within this setting.

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 7 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.

The final year prepares the 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.

Year 2

Semester 2

Renal, Endocrine, Genitourinary and Breast

Central Nervous System and Locomotors

Haematolymphoid and Tropical Medicine

Clinical competencies

Year 3

Semester 1 - 2

Rotations:

Medicine & Surgery (ENT)

Paediatrics and Neonatal

General Practice

Psychiatry

Obstetrics and Gynaecology

Year 4

Semester 1 - 2

Rotations:

Medicine & Surgery

I am a GEM student here at RCSI, originally from Toronto. It was intimidating to move to a different continent for school, but it has been an incredible experience so far. In first year, all of our classes were in the Mercer Street building right downtown. It was fun walking to and from class every day, getting to know all of the study and coffee spots around city centre.

The majority of students in my class are from North America, with some students coming from other continents as well. It's great to be able to get to know people from abroad, but it's also nice meeting people from home!

The students in the years above are extremely supportive and friendly, which makes the adjustment so much easier.

Between anatomy labs, long days in class, weekly clinical attachments, and studying for quizzes and card signings, first year is intense – but it's also a lot of fun. There's plenty of time for work, play, and travel throughout Ireland and the rest of Europe – last year, I visited Cork and Galway, and also went to London and Tromsø, Norway to chase the northern lights, and have a few trips booked for this year as well!



Michelle Geynes,
Canada, GEM

Pharmacy

NFQ: Level 9
Award: MPharm (NUI, RCSI)
Awarding Body:
National University of Ireland

RCSI's 5-year globally recognised MPharm programme offers you a range of career options in areas such as community and hospital pharmacy, the pharmaceutical industry, medical research and development, regulation and academia. Clinically focused from the outset, the patient is at the core of everything you learn from first year right through to final year. You will have the opportunity to develop these clinical and professional skills while studying alongside your future colleagues in Medicine and Physiotherapy, ensuring the multidisciplinary nature of patient care is reflected in your education at RCSI.

Year 1 is an introduction to the foundation material that provides you with the fundamental skills and knowledge in basic science and practice.

You will also be introduced to the systems-based modules which are delivered by multidisciplinary teams.

Year 1

Semester 1

Pharmacist: Beginning the Professional Journey Health, Body and Function

Physical and Chemical Properties of Drugs and their Dosage Forms 1

Professional Development 1

Year 1

Semester 2

Gastrointestinal Health: Medicines and Patient Care

Cardiovascular Health: Medicines and Patient Care

Physical and Chemical Properties of Drugs and their Dosage Forms 2

Professional Development 1



Year 2 is wholly integrated around the organ systems model introduced in Year 1.

The actions, interactions and use of medicines and pharmaceutical care are all delivered through this integrated, systems-based approach. There is an emphasis on the pharmacist as a caregiver.

Year 2

Semester 1

Respiratory Health: Medicines and Patient Care

Musculoskeletal and Haematological Health: Medicines and Patient Care

Central Nervous System: Medicines and Patient Care

Professional Development 2

Year 2

Semester 2

Immunology: Defence and Management Response

Infection: Optimising Prevention and Treatment Strategies

Sensory and Protective Structures: Health and Potential for External Delivery

Professional Development 2

Year 3 continues with the systems-based model of teaching. You will extend your knowledge and experience of the actions and interactions of medicines, and pharmaceutical care.

You will participate in a series of Rotational Hospital Pharmacy Placements (RHPP) across a range of hospital sites. As part of RHPPs, you will undertake Mental Health First Aid training, an International evidence-based programme.

You will have the opportunity to participate in elective placements, which take place in Ireland and countries such as China, Japan and the US.

Year 3

Semester 1

The Liver and Kidney: Health, Function and Medicines Handling

The Endocrine System: Hormones as Signals and Regulators

Men's and Women's Health: Tailored Care

Professional Development 3

Year 3

Semester 2

Stages of Life: The Changing Body and Medicines Handling

Cancer: Prevention and Control

The Drug Life Cycle: Discovery and Beyond

Professional Development 3

The pharmacy practice placement runs throughout the first semester of Year 4, and you are based entirely off campus during this time.

The second semester comprises 12 direct-contact teaching weeks, 1 week of revision and 2 weeks of examinations. You will have an opportunity to select an optional module designed to reflect your special interests in Semester 2.

You also complete a research project as part of the 'Scientific Research Skills' module.

Year 4

Semester 1

Online module: Organisation and Management Skills

Online module: Professional Skills Development

Online module: Professional Practice

Professional Development 4

Year 4

Semester 2

Global and Population Health

Elective Module – Students choose 1 elective from 6 available

Scientific Research Skills

Professional Development 4

The MPharm year of the programme concentrates on preparing you for practice. The placements in both Years 4 and 5 give you an opportunity to engage with a range of employers across a spectrum of practice settings. You participate in 3 taught modules during the first semester while also completing Professional Development 5.

From January to August, you will be on patient-facing placements. This is your final opportunity to cement the knowledge, skills and competence you have been acquiring since Year 1.

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

Year 5

Semester 1

Patient Care and Society

Decision-Making in Complex Care

Leadership in Pharmacy: Building the Future

Professional Development 5

Year 5

Semester 2

Online module: Professional Practice and Public Health

Online module: Supply of Medicines and Organisation and Management Skills

Online module: Leading the Safe and Rational Use of Medicine

Clinical Research Skills

Professional Development 5

Professional Registration - Experiential Learning

My journey at RCSI has been nothing short of phenomenal.

I am passionate about diversity so one of the main attractions of RCSI for me was the diverse international community. From year one on the programme, we were practicing clinical skills and participated in patient consultation labs. The lectures are well structured and you learn the value of teamwork across all healthcare professions. I also had the opportunity to take part in research with the Health Research Board through the Research Summer School organised in the college, which was a fantastic learning experience. In third year, you complete a mental health first aid training course which is unique to RCSI's School of Pharmacy.

Besides learning from some of the best in their respective fields, you also get to learn about different cultures from all over the world. I have had the opportunity to be involved in extracurricular activities such as joining different clubs and societies. I was President of the Caribbean African Society in my second year in college which I really enjoyed! Overall, my RCSI experience has been amazing and I would not trade it for anything in the world.

Chiamaka Chiedozie,
Nigeria, Pharmacy



Physiotherapy

NFQ: Level 8
Award: BSc (Hons) (NUI, RCSI)
Awarding Body:
National University of Ireland

Our internationally recognised RCSI Physiotherapy programme is designed to provide you with training, education and rehabilitation in a variety of clinical settings. Our small class sizes provide you with access to hands-on, one-to-one practical and clinical training with academic staff. You will study alongside your future colleagues in Medicine and Pharmacy, ensuring the multidisciplinary nature of patient care is reflected in your education.

As an RCSI Physiotherapy graduate, you will be career ready and in high demand with a highly portable degree.

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 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.

Foundation Year

Semester 1

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

Foundation Year

Semester 2

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 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.

Year 1

Semester 1

Anatomy
Neuromusculoskeletal I
Physiology
Methods of Enquiry
Physics

Year 1

Semester 2

Neuromusculoskeletal II
Neuroscience Anatomy
Health, Behaviour and Patient Safety
Professional Development I
Clinical Placement 1

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. In the clinical environment, you develop an understanding of the context of physiotherapy practice.

Year 2

Semester 1

Advanced Musculoskeletal I
Neuroscience Psychology
Respiratory/Cardiovascular I
Neurology I
Professional Development II
Clinical Placement 2

Year 2

Semester 2

Advanced Musculoskeletal II
Respiratory/Cardiovascular II
Neurology II
Research Methods I
Clinical Placement 3
Clinical Placement 4



Final Physiotherapy

Semester 1

Year 3 focuses on the integration of the knowledge you've already obtained 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 also 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.

Physiotherapy Across the Lifespan I

Research Methods II

Clinical Placement 5

Clinical Placement 6

Final Physiotherapy

Semester 2

Complex Clinical Case Management

Physiotherapy Across the Lifespan II (Care of the Elderly)

Research Methods II

Leadership in Professional Practice in Physiotherapy

Clinical Placement 7

Choosing to study in RCSI has undoubtedly been one of the best decisions in my life thus far. The small class sizes in the School of Physiotherapy really enable students to learn to the best of their abilities.

The quality of teaching in RCSI is excellent with all lecturers among the highest qualified in their chosen fields. Throughout my time in RCSI, I was always made feel like an individual student rather than just another student who made up the numbers.

The fact that RCSI is the only third level institution in Ireland solely dedicated to healthcare means that like-minded people surround you. From day one you are taught in an inter-professional manner, collaborating with both pharmacy and medicine students on assignments and workshops, allowing us to prepare for what lies ahead in our careers as future healthcare professionals.

David Power,
Ireland, Physiotherapy



6. Application Essentials

How to Apply

All US, Canadian and Non-European Union candidates who are **domiciled** in the USA or Canada **in the year in which they are applying** to RCSI should apply through our Admissions partner, The Atlantic Bridge Programme.

The Atlantic Bridge Programme, based in California, manages the applications process for all North American applicants on behalf of RCSI. Our intention is to provide applicants with an enhanced application service by basing our admissions service in North American time zones. The Atlantic Bridge website atlanticbridge.com provides comprehensive information for North American applicants, including information on Entry Requirements, Financial Aid, Residency, Moving to Ireland and a useful FAQ section.

US and Canadian nationals who are **not domiciled in North America in the year in which they are applying**, apply directly to RCSI using the Non EU online application system managed by the RCSI Admissions Office at rcsi.com

Application Dates

Applications through Atlantic Bridge (AB) are available from July 1st with a normal application deadline of November 15th. A late application deadline is available up until February 15th. Demand for places is high and applying in the normal application period is encouraged as this maximises the opportunity to be considered for Round 1 interviews which take place annually during the last week of February. Students who apply in the late application period may only be considered for Round 2 interviews.

Please note:

- Round 1 interviews are held in the last week of February.
- Round 2 interviews are not guaranteed as all places may be filled following the Round 1 interviews.
- If Round 2 interviews are held, they take place in Toronto towards the end of April or early May.
- If Round 2 interviews are not held, candidates may be offered the opportunity to attend interviews in Ireland or online.

Timeline	Action
July 1 st	Atlantic Bridge Applications open
Mid January – Early February	Short-listing for Round 1 interviews
End of January – Early February	Round 1 interview invites are released
End of February – Early March	Round 1 interviews take place: New York, Vancouver and Toronto
February 15 th	Atlantic Bridge Applications close
Early March	Short-listing for Round 2 interviews
Late April – Early May	Round 2 interviews take place in Toronto

Academic Entry Requirements

Full details of all academic programmes that are accepted for admission to RCSI are available on the RCSI website.

Medicine Undergraduate (5/6 Year Course)

RCSI offers an undergraduate medical course that is 6 years in duration. Some students are exempted from the first year of the programme and complete the course in 5 years. The programme the student enters (5 year or 6 year) is determined based on the qualifications presented on the application. The most common programmes with which US and Canadian students apply are shown below.

Canadian High School Diploma

6 - year entry route:

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

5 - year entry route:

Applicants must meet the six year entry requirements and, in addition, present three Advanced Placement examinations with minimum AP scores of 4 in chemistry, biology and either calculus or physics.

American High School Diploma

6 - year entry route:

Applicants must present a minimum overall average score of 85% in Grade 12 to include Biology, Chemistry and either Physics, Calculus or Mathematics.

5 - year entry route:

Applicants must meet the six year entry requirements and, in addition, present three Advanced Placement examinations with minimum AP scores of 4 in chemistry, biology and either calculus or physics.

American High School Diploma applicants must also present SAT or ACT scores.

International Baccalaureate (IB) Diploma

6 - year entry route:

Applicants must present a minimum score of 33 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).

5 - year entry route:

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.

Please note that IB applicants are required to undertake all six examinations in one examination session.

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 programme while students without sufficient Organic Chemistry and Biology will be considered for the six-year programme. Students are required to submit competitive GPAs for all years that they have completed within their chosen programme.

Graduate Entry Medicine (GEM – 4 Year Course)

In addition to our undergraduate medical programme, the College also offers an accelerated 4 year course for students who have completed an undergraduate degree programme. GEM students are taught separately in the first two years of their programme, with the first year of the course delivered in the main St. Stephen's Green campus and the second year delivered at Connolly Hospital, one of our principle teaching hospitals in Dublin. GEM students then merge with the students from the undergraduate programme for the final two years of the course. During this period, students are entirely based in the clinical setting and undertake clinical attachments, in small groups, and cover the medical disciplines of Paediatrics, Obstetrics and Gynecology, Psychiatry, Family Practice and Medicine and Surgery.

Canada and USA

Applicants who have completed an undergraduate degree with the prerequisite sciences and who have taken the Medical College Admissions Test (MCAT) are eligible to apply to the 4 year GEM programme. Competitive GPA and MCAT scores are required as competition for the GEM programme is high. The MCAT must be written before May 1st of the year of entry and an undergraduate degree must be awarded before September entry.

Pharmacy (MPharm – 5 Year Course)

RCSI offers a 5 year integrated Masters in Pharmacy degree programme. The most common programmes with which US and Canadian students apply are shown below.

Canadian High School Diploma

Applicants must present a minimum average of 85% in their top-six Grade 12 academic subjects to include Biology, Chemistry and either Physics or Mathematics. A minimum score of 80% must be attained in Biology, Chemistry and either Physics or Mathematics.

American High School Diploma

Applicants must present a minimum overall average score of 85% in Grade 12, to include Chemistry, Biology and either Physics, Calculus or Mathematics. A minimum score of 80% must be attained in Biology, Chemistry and either Physics or Mathematics.

SAT, AP or ACT scores are not a requirement for admission but can be provided and may be advantageous.

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.

*Applicants are required to undertake all six IB examinations in one examination session.

Graduate Entry

Students who hold, or expect to hold prior to entry, a competitive GPA* (3.6 or above) from a four-year undergraduate bachelor degree, preferably in a science-related field, are eligible to apply as graduate entry students.

* The Admissions Committee review all transcripts on an individual basis and there is some flexibility on the GPA score as course load and scoring systems can vary from one application to another. Graduate entry students are required to complete all 5 years of the programme regardless of the undergraduate degree on which they were admitted to the programme.

Physiotherapy (BSc – 3/4 Year Course)

RCSI offers a 3 and 4 year entry route to the Physiotherapy degree programme. School leavers complete the programme in 4 years with graduates completing the course in 3 years.

Canadian High School Diploma

Applicants must present a minimum average score of 85% in Grade 12 to include two of the following subjects: Chemistry or Biology and Physics, Mathematics or Calculus.

American High School Diploma

Applicants must present a minimum overall average score of 85% in Grade 12, to include two of the following subjects: Chemistry or Biology and Physics, Mathematics or Calculus.

International Baccalaureate (IB) Diploma

Applicants must attain a minimum score of 32 IB Diploma points (inclusive of bonus points) to include three* subjects at Higher Level and three* subjects at Standard Level.

Subjects taken must include English, Maths and at least one laboratory science subject.

*Applicants are required to undertake all six IB examinations in one examination session.

Graduate Entry

Students who hold (or expect to hold by July prior to entry) a competitive GPA* (3.6 or above) from a four-year undergraduate bachelor degree, preferably in a science-related field, are eligible to apply as graduate entry students.

* The Admissions Committee review all transcripts on an individual basis and there is some flexibility on the GPA score as course load and scoring systems can vary from one application to another. Graduate entry students, complete the course in 3 years.

Fees

Fees for the academic year 2020/21.

Undergraduate Medicine	€56,000
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Graduate Entry Medicine	€57,500
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Pharmacy*	€25,000
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Physiotherapy*	€25,000
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* Scholarships of €7,000 per annum are available to competitive students who are privately funded.

Further Information

Further information on the Royal College of Surgeons in Ireland, University of Medicine and Health Sciences and on our undergraduate programmes is available from the RCSI website rcsi.com

For further information on applying as a North American domiciled applicant, please contact Atlantic Bridge at admissions@atlanticbridge.com

7. Connect With Us



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