



UNIVERSITY
OF MEDICINE
AND HEALTH
SCIENCES

RCSI INTERNATIONAL UNDERGRADUATE PROSPECTUS 2024

RCSI.COM/DUBLIN



- MEDICINE
- PHARMACY
- PHYSIOTHERAPY
- ADVANCED THERAPEUTIC TECHNOLOGIES

INTERNATIONAL APPLICANTS RCSI LEADING THE WORLD TO BETTER HEALTH

RCSI UNIVERSITY OF MEDICINE AND HEALTH SCIENCES

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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.





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 2024 International 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 over 60 different nationalities represented in our undergraduate student body and more than 30,000 alumni from 96 countries around the globe, we are also one of the most international in our outlook.

For the last seven 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. THE also ranks RCSI at #1 in the world for 'Good Health and Well-being', which is testament to the huge commitment of our staff, students and researchers to meeting the United Nation's Sustainable Development Goal 3.

The learning experience of our students is a key priority for RCSI. We continually strive to ensure that students enjoy the most immersive and stimulating of educational journeys. I am very pleased to inform you that this year sees the continued roll-out of our 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 one of Europe's most modern clinical simulation centres, we are still working hard to develop our facilities and to ensure that our students enjoy an unrivalled campus experience. We are really excited about the next phase of our ambitious campus development plan. Due for completion in 2024, RCSI is investing €22m in the development of a new Education and Research Centre at Connolly Hospital in Blanchardstown, Dublin. This will greatly enhance the clinical and academic experience for Graduate Entry Medicine students based at Connolly Hospital and for other RCSI students while on placement there.

Another initiative to develop our Dublin city centre campus is our 'Project Connect'. This represents a further €95m investment in our infrastructure for pioneering health sciences education, research and innovation. The Connect Building will open in 2025 and will be a centre of academic excellence, enriching the student experience with new state-of-the-art laboratories and small group teaching spaces.

These are indeed exciting times at RCSI! Should you decide to begin your journey as a healthcare professional at our University, you too will have the opportunity to learn from leading academics, expert clinicians and innovative researchers, with a culturally diverse student body on a state-of-the-art campus.

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

YOUR UNIVERSITY

AS AN RCSI STUDENT, YOU WILL JOIN A WORLD-LEADING HEALTH SCIENCES UNIVERSITY THAT IS GLOBALLY RECOGNISED FOR EXCELLENCE IN EDUCATION, RESEARCH AND INNOVATION, AND FOR OUR POSITIVE SOCIETAL IMPACT.



WATCH RELATED VIDEOS on our website

WHO WE ARE

UNIQUE SURGICAL HERITAGE

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.

HEALTH SCIENCES FOCUS

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.



No 1

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.

REPUTATION AND INDEPENDENT PURSUIT OF EXCELLENCE

RCSI is one of the Top 250 universities worldwide in the Times Higher Education World University Rankings and ranks joint second out of all universities in the Republic of Ireland. RCSI ranks number one in the world for SDG3 'Good Health and Well-being' in the Times Higher Education (THE) University Impact Rankings 2023.

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 one of Europe's most advanced clinical simulation centres, developed to ensure that we continue to produce graduates with excellent communication and clinical skills.

LEADING PIONEERING RESEARCH

With our focus on clinical and patient-centred research, we are continually seeking out groundbreaking 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 invest in our researchers and research facilities to deliver on our mission of leading the world to better health.

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 GROUNDBREAKING DISCOVERIES TO ADDRESS THE HEALTH CHALLENGES OF OUR TIME.

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.



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



**ONE OF EUROPE'S MOST
ADVANCED CLINICAL SIMULATION
FACILITIES 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 one of Europe's most modern clinical simulation facilities. 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.

AT RCSI, WE ARE PROUD TO HAVE PLAYED A ROLE IN COSECSA'S SUCCESS STORY. THE COLLEGE HAS GROWN TO BE THE LARGEST SINGLE CONTRIBUTOR TO THE SURGICAL WORKFORCE IN THE EAST, CENTRAL AND SOUTHERN AFRICA REGION, WITH TRAINING PROGRAMMES IN 20 COUNTRIES ADDRESSING THE NEEDS OF VULNERABLE PATIENTS. THE RCSI AND COSECSA PARTNERSHIP MODEL HAS EXPANDED TO A MULTI-DISCIPLINARY APPROACH INCORPORATING SUPPORT FOR TRAINING IN ANAESTHESIOLOGY, OBSTETRICS AND GYNAECOLOGY AND PERI-OPERATIVE NURSING IN SUB-SAHARAN AFRICA.

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.

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



+30,000

GLOBAL community of ALUMNI working WORLDWIDE



x2

RESEARCH impact is DOUBLE THE WORLD AVERAGE



Photo courtesy of Dr Clovis Paulin Baramburiye, COSECSA surgical trainee at CHUK, Burundi

**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.**

YOUR 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 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 JOURNEY

**RCSI STUDENTS HAVE THE BEST POSSIBLE LEARNING
EXPERIENCE. OUR CURRICULA ARE INNOVATIVE,
FUTURE-FOCUSED AND INTEGRATED. DURING YOUR
EDUCATIONAL JOURNEY, WE WORK WITH YOU TO ENSURE
THAT YOU ACHIEVE YOUR ACADEMIC POTENTIAL.**



**WATCH RELATED
VIDEOS** on our website

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 Heart Health Fair 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.



WATCH OUR TEDDY BEAR HOSPITAL VIDEO



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 are 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

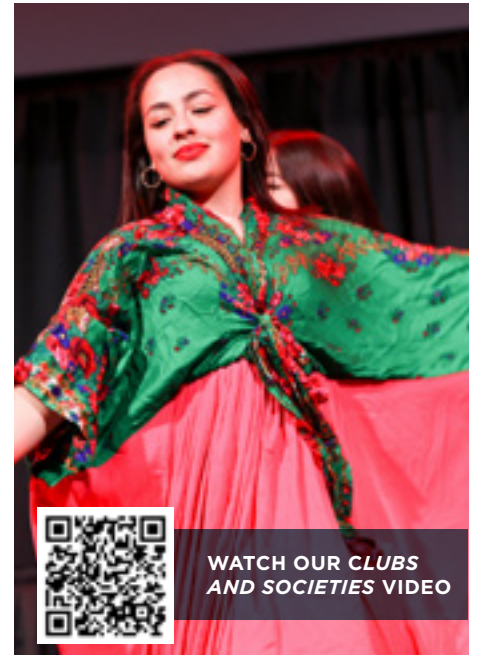
BOOKS in 26 York Street, Beaumont Hospital and Heritage Collections in Mercer Building

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.

In addition to arts and academic societies, we also have cultural societies, lifestyle and wellbeing, and recreation. 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.



WATCH OUR **CLUBS AND SOCIETIES** VIDEO



WATCH OUR **SPORTS CENTRE AND GYM** VIDEO

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.



WATCH OUR *LIBRARY SERVICES* VIDEO



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

LIVING SPACE

When it comes to accommodation, most first year students chose to live either at Mercer Court Apartments or Scape Accommodation, both of which are exclusively available to RCSI students.

Mercer Court Apartments is reserved for first year RCSI students only, allowing newly arrived students to live alongside other students who have joined RCSI in the same year. Scape Accommodation is home to RCSI students across all years, allowing students to experience life with both new and ongoing students. Both student residences are less than a 5 minute walk from the main St. Stephen's Green campus and offer an easy transition to life away from home by ensuring that you are part of an RCSI student community from your first day at university.

RCSI offers its students a dedicated Accommodation Service to assist with finding suitable accommodation during their time as a student at RCSI. The service is available to students who receive an offer of a place on one of RCSI's undergraduate degree programmes. For more information, you can email accommodation@rcsi.ie



24/7

SECURITY
in ALL OUR
ACCOMMODATION
to ensure safety and
comfort



100%

WIRED & WIRELESS
internet access in all
accommodation

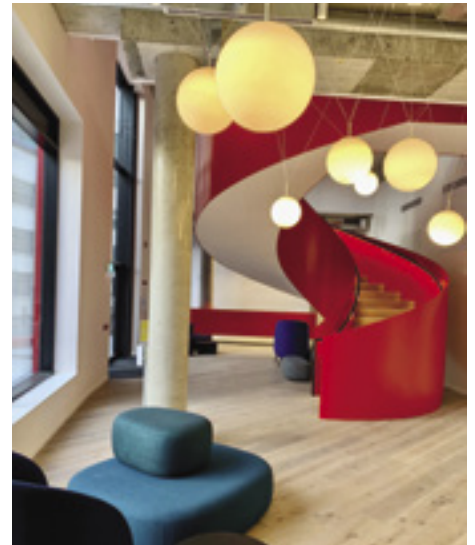


WATCH A TOUR OF RCSI'S
ACCOMMODATION





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



CENTRALLY

LOCATED WITHIN WALKING DISTANCE of the University and the RCSI Library

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.

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.



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

RCSI GOLD HUMANISM HONOR SOCIETY CHAPTER

RCSI is the first institution in Europe to have its own Gold Humanism Honor Society (GHHS) Chapter. This recognises students, residents and faculty who are exemplars of compassionate patient care and who serve as role models, mentors and leaders in medicine. With chapters at more than 150 schools, there are over 27,000 members in training and practice.

Members are peer nominated and appointed after a faculty committee reviews the applications. A GHHS identifier is on the Electronic Residency Application Service (ERAS) as GHHS membership is highly valued and looked for in residency applicants.

This RCSI Chapter hosts various events throughout the year to support the humanism and compassionate patient care ethos of the society.

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 completed an 8-week research placement at St. Michael's Hospice in Toronto. I worked with Dr. Vitor Pereira, a neurosurgeon, in the RADIS Lab which is focused on studying innovative techniques and their application for the treatment of vascular neurosurgery.

I lead a quality improvement project understanding the patient perspective in the Neurovascular Clinic at the hospital.

My daily roles included developing and administering a satisfaction questionnaire, completing patient phone interviews, and analyzing results. In addition to my own work, I also had the opportunity to watch endovascular procedures, practice treating strokes on a simulator, and participate in other students' projects testing the use of augmented reality for the planning of aneurysm treatment!

My time spent with the RADIS Lab this summer was very engaging and taught me a lot about the field of neurosurgery and neuroradiology. I'm grateful for my supervisors as they valued all the summer students' contributions and never hesitated to take the time to teach us.

MINATOULLAH HABAKA

Medicine

RESEARCH ELECTIVES

Research Summer School

During the summer months, students accepted into the RCSI Research Summer School (RSS) get the opportunity to participate in activities that are designed to develop core skills in scientific writing, presentation, data management, statistics, ethics and research involving patients. Students are also given laboratory practicals that focus on basic research techniques, and other hands-on activities to develop skills in computer modelling and simulation.

Participating students undertake an eight-week project and are supervised by RCSI Principal Investigators who are experts in their chosen fields. These supervised projects can be lab-, desk- or ward-based, but all aim to research important health-related problems and focus on improving future patient care.

The summer school aims to immerse participating students in a world-class research experience that will benefit their professional development and enhance their educational experience while studying at the RCSI.

Student Medical Journal

The RCSI Student Medical Journal (RCSIsismj) publishes student research, ranging from basic laboratory science and clinical work to humanities analysis of medicine in society. The goal of the RCSIsismj is to encourage student research, writing and submission for publication. Publication in the journal ensures our students' research reaches a broad international readership through print and electronic versions (rcsismj.com) and through the RCSI Open Access Repository.

Funded research opportunities

Each year, two Anatomy Travel Grants are awarded to RCSI undergraduates working with faculty in the Department of Anatomy & Regenerative Medicine as part of the RSS. They enable the students to present their research at an Anatomical Society meeting in Great Britain or Ireland and pay their society membership subscription for one year.

Overseas research electives

Electives are short-term clinical or research placements that offer valuable experience. RCSI has long recognised the importance of exposing our students to research experiences early in their professional journeys. Summer research electives are strongly encouraged and students can also apply for research exchanges with various international partners.

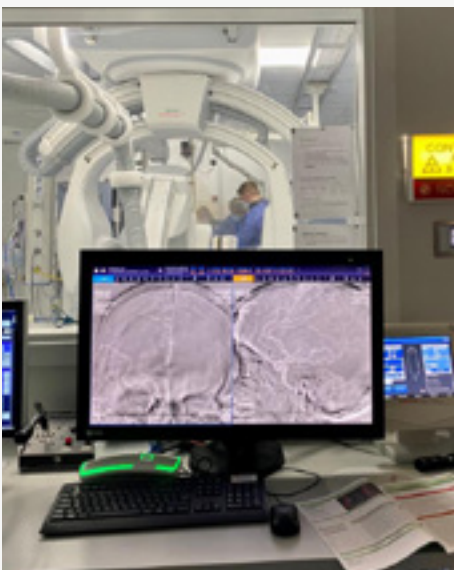


I took part in the 8-week RSS programme. My project was focused on testing a new way to measure platelet aggregation more sensitively via centrifugation. At the start of the week, I helped process blood samples and produce washed platelets. Then we would aggregate them using a variety of agonists such as ADP, CRP (collagen-related peptide), TRAP-6 etc, and then measure them using a centrifugation machine to get a size distribution.

We also did fluorescent microscopy on the same samples to visibly see aggregates and confirm our findings. I had an absolutely great time working this summer. The whole research team was so kind and helped through the whole process. I learned so many lab skills and got to network with other researchers doing similar work. I couldn't recommend the RSS more!

ZARA AHMED

Medicine





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 IN NORTH AMERICAN HOSPITALS, RCSI OFFERS A NUMBER OF OVERSEAS CLINICAL ELECTIVE PLACES FOR FINAL YEAR STUDENTS EACH YEAR. THESE CLINICAL ELECTIVES ARE COMPETITIVELY APPLIED FOR.

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

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.



WATCH OUR *CLINICAL ELECTIVES* VIDEO



Paediatric Surgery, Baystate Medical Center in Springfield, MA. UMass-Chan School of Medicine.

I completed a Paediatric Surgery elective rotation through RCSI's collaborative program, with special thanks to the RCSI Alumni Clinical Elective Grant for their support!

During my time at Baystate I had the opportunity to integrate with the paediatric surgery team and had the privilege of working closely with children and their families. I assisted with surgeries, completed daily pre-rounding on patients, took consults from the ED and inpatient wards, wrote patient notes, sutured lacerations, and saw patients independently in the clinic. I also experienced two 24h call shifts where I saw consults, assisted with traumas, and was honoured to help close after an organ procurement.

A particular highlight was working closely with a boy who presented with autism and acute appendicitis. I took his intake history in the ED, scrubbed for his surgery, and pre-rounded on him daily through his hospital course until his discharge, where his mom hugged the team!

I had wonderful mentorship and teaching from all my attendings, my senior resident, and the residents I worked with overnight. I also connected with RCSI alumni who had matched to the program and kindly provided guidance to the visiting students. I learnt in-depth about surgical disease in children, key findings on physical exam from a pediatric perspective, and pre-op and post-op care. My attendings knew about my interest in child neurology and pediatrics and were absolutely wonderful about giving me opportunities to work with children, especially those with neurodevelopmental disabilities.

Overall this elective was a fantastic learning opportunity, I am grateful for the hands-on experience I had providing care to patients and for the exceptional faculty and residents I was able to learn from. I am extremely grateful to RCSI's collaborative program and the alumni fund for my time at Baystate!

If you are taking part in electives make the most of your time on elective and take every opportunity to learn and improve your clinical skills!

DESIREE D'SOUZA
Medicine



Internal Medicine, Pennsylvania Hospital

My clinical experience included being placed on one of the in-patient internal medicine teams. I was treated as an intern, meaning that I would independently see my assigned patients, come up with management plans for the day, and present this at rounds with the full team. The attending physician would see the patients as well as make adjustments as necessary. I was the "covering provider" for my patients, which meant that for any issue that came up, I would be the one to field the phone calls, pages, text messages and decide what to do. I could always ask for help if needed, but nonetheless it was a vast amount of responsibility.

The experience allowed me to participate in medical care with a great degree of responsibility and autonomy. I intend to apply for my post-graduate training in North America so having the opportunity to experience the healthcare system first-hand will give me a distinct advantage. It gave me invaluable insight into what the day-to-day job of an intern in the US will be like, and I will use that knowledge along with the time in medical school that I have left to prepare myself more optimally for those challenges. This insight would not have been possible without the Clinical Elective.

These experiences will be critical to the advancement of my career. Additionally, there is no replacement for the networking that is made possible by undertaking Clinical Electives at hospitals where one will be applying for postgraduate education. During my time there, I not only worked with members of the medical team, but also participated in teaching sessions, grand rounds and daily conferences, which all afforded me the opportunity to meet more people working in the hospital and allow them to get to know me.

I received a grant from the RCSI Clinical Elective Fund which is supported by the alumni community. This was vital in allowing me the opportunity to pursue this Clinical Elective. Clinical Electives in the US generally cost several thousand dollars, especially at large well-known academic centers. Given that finding accommodation and other costs of living are high in big cities, I'm not sure that I would have been able to manage those costs if the cost of tuition for the Clinical Elective had been added on top.

DANIEL HARRINGTON
Medicine

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 Mercer's Medical Centre. Our Student Services team will also assist you with sourcing the most appropriate health insurance plan, which international students are encouraged to obtain.



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, OUR NUMBER ONE PRIORITY IS HELPING YOU TO REALISE YOUR POTENTIAL AS A HEALTHCARE PROFESSIONAL. WE PRIDE OURSELVES ON PRODUCING GRADUATES WHO ARE KNOWLEDGEABLE IN THE SCIENCE OF THEIR DISCIPLINE AND HIGHLY-SKILLED PRACTITIONERS.

CAREER DEVELOPMENT

We currently have an alumni network globally in excess of 30,000, 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



WATCH RELATED VIDEOS
on our website

At RCSI, we believe that preparation for securing a residency in the USA or Canada starts from year 1 on your Medicine or Graduate Entry Medicine 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 Career Development 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 Career Development 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 2023

The range of clinical specialties and location of Residencies secured by the **Class of 2023** in both Canada and the USA are shown below.

USA	
HOSPITAL/INSTITUTION	PROGRAM
Abington Mem Hosp-PA	Internal Medicine
Albany Med Ctr-NY	Family Medicine
Albany Med Ctr-NY	Pediatrics
Ascension St John Hosp-MI	Internal Medicine
Ascension St Vincent Hosp-IN	General Surgery
Atlanta Med Ctr-GA	General Surgery
B I Deaconess Med Ctr-MA	General Surgery
Barnes-Jewish Hosp-MO	Emergency Medicine
Baylor Scott & White Med Ctr-TX	Emergency Medicine
Brown Univ/Kent Hospital	Internal Medicine
Case Western/Univ Hosps Cleveland Med Ctr-OH	Internal Medicine
Case Western/Univ Hosps Cleveland Med Ctr-OH	Pediatrics
Childrens National Med Ctr-DC	Neurology
Driscoll Childrens Hosp-TX	Pediatrics
Eastern Virginia Med School	Pediatrics
Eastern Virginia Med School	Pediatrics
Geisinger Health System-PA	General Surgery
Grand Strand Reg Med Ctr-SC	Family Medicine
Hosp of the Univ of PA	Internal Medicine
Hosp of the Univ of PA	General Surgery
Hurley Medical Ctr-MI	Obstetrics-Gynecology
Indiana University SOM	Family Medicine
Lahey Clinic-MA	Internal Medicine
Lahey Clinic-MA	Internal Medicine
LewisGale Med Ctr-VA	Internal Medicine
Maine Med Ctr	Pediatrics
Mayo Clinic School of Grad Med Educ-FL	Otolaryngology
Mayo Clinic School of Grad Med Educ-MN	Family Medicine
MedStar Georgetown Univ Hosp-DC	Psychiatry
MedStar Washington Hosp Ctr-DC	Internal Medicine
Memorial Health-Univ Med Ctr-GA	Pediatrics
New York-Presbyterian/Queens	Rehabilitation
Pennsylvania Hospital	Internal Medicine
Pennsylvania Hospital	Internal Medicine
Pennsylvania Hospital	Internal Medicine
Rochester Gen Hosp-NY	Obstetrics-Gynecology
Rutgers-New Jersey Medical School	Internal Medicine
Rutgers-R W Johnson Medical School-NJ	Pediatrics
St Agnes Hospital-MD	General Surgery
St Elizabeths Med Ctr-MA	Internal Medicine
SUNY HSC Brooklyn-NY	Anesthesiology
SUNY HSC Brooklyn-NY	Pediatrics
Texas Tech U Affil-El Paso	Family Medicine

CLASS OF 2023

PROCESS	% MATCH RATE
NRMP	92%
CaRMS	93%

USA

HOSPITAL/INSTITUTION	PROGRAM
Thomas Jefferson Univ-PA	Emergency Medicine
U Colorado SOM-Denver	Pediatrics
U Connecticut School of Medicine	Internal Medicine
U Connecticut School of Medicine	Pediatrics
U Kentucky Med Ctr	Neurology
U Texas Southwestern Med Sch-Dallas	Pediatrics
UMass Chan - Baystate-MA	General Surgery
UMass Chan - Baystate-MA	Pediatrics
UMass Chan Medical School-MA	Pediatrics
Univ of Missouri-KC Programs	Neurology
University at Buffalo SOM-NY	Obstetrics-Gynecology
UPMC Medical Education-PA	Pediatrics
Valley Health System-NV	Family Medicine
Western Michigan Univ Stryker SOM	Family Medicine
Zucker SOM-Northwell NS/LIJ-NY	Emergency Medicine

CANADA

HOSPITAL/INSTITUTION	PROGRAM
Dalhousie University	Family Medicine
McMaster University	Family Medicine
McMaster University	Diagnostic Radiology
McMaster University	Public Health and Preventive Medicine including Family Medicine
Memorial University of Newfoundland	Family Medicine
Memorial University of Newfoundland	Family Medicine
Queen's University	Family Medicine
Queen's University	Family 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	Psychiatry
University of Ottawa	Otolaryngology - Head and Neck Surgery
University of Ottawa	Family Medicine
University of Ottawa	Orthopedic Surgery
University of Ottawa	Psychiatry
University of Toronto	Anesthesiology
University of Toronto	Family Medicine
University of Toronto	Internal Medicine
University of Toronto	Internal Medicine
University of Toronto	Orthopedic Surgery
University of Toronto	Pediatrics
Western University	Family Medicine
Western University	Internal Medicine

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	MID-STAGE CAREER CHOICE 2-3 YEARS	FINAL YEARS CAREER READY 4-5 YEARS
<p>OBJECTIVES</p> <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. 	<p>OBJECTIVES</p> <ul style="list-style-type: none"> > Personal & Professional development. > Personalised Career consultation. > Build relevant skills and experience. > Identify pathways to Residency and Internship Match. 	<p>OBJECTIVES</p> <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.
<p>ACTIONS</p> <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. 	<p>ACTIONS</p> <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. 	<p>ACTIONS</p> <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 0-1 YEARS	MID-STAGE CAREER CHOICE 2-3 YEARS	FINAL YEARS CAREER READY 3-4 YEARS
<p>OBJECTIVES</p> <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. 	<p>OBJECTIVES</p> <ul style="list-style-type: none"> > Personal & Professional development. > Personalised Career consultation. > Build relevant skills and experience. > Identify pathways to Residency and Internship Match. 	<p>OBJECTIVES</p> <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.
<p>ACTIONS</p> <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. 	<p>ACTIONS</p> <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. 	<p>ACTIONS</p> <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

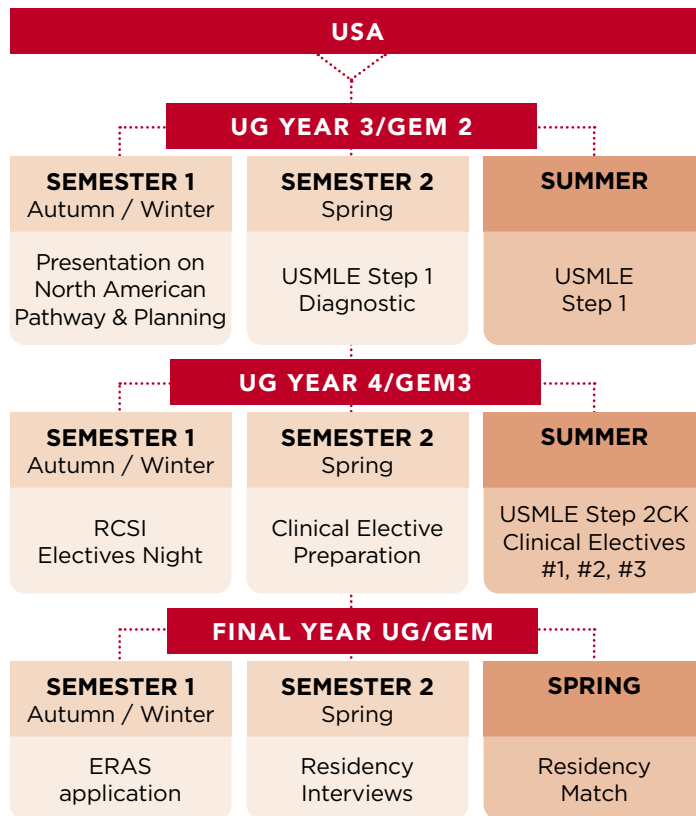
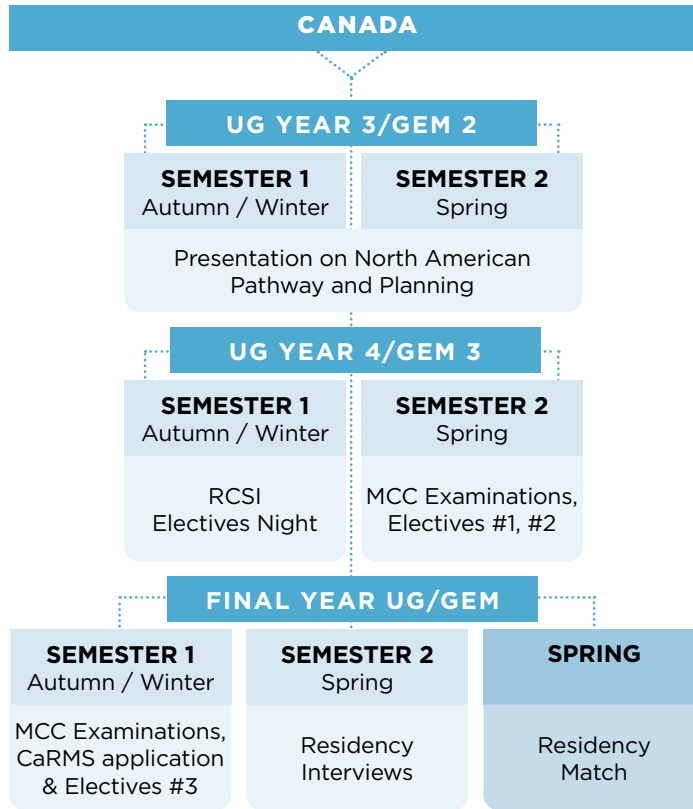
The RCSI Canadian and US Medical License Program Directors and Academic colleagues work to scope and deliver medical license resources that support your preparation for these important professional medical license examinations.

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.

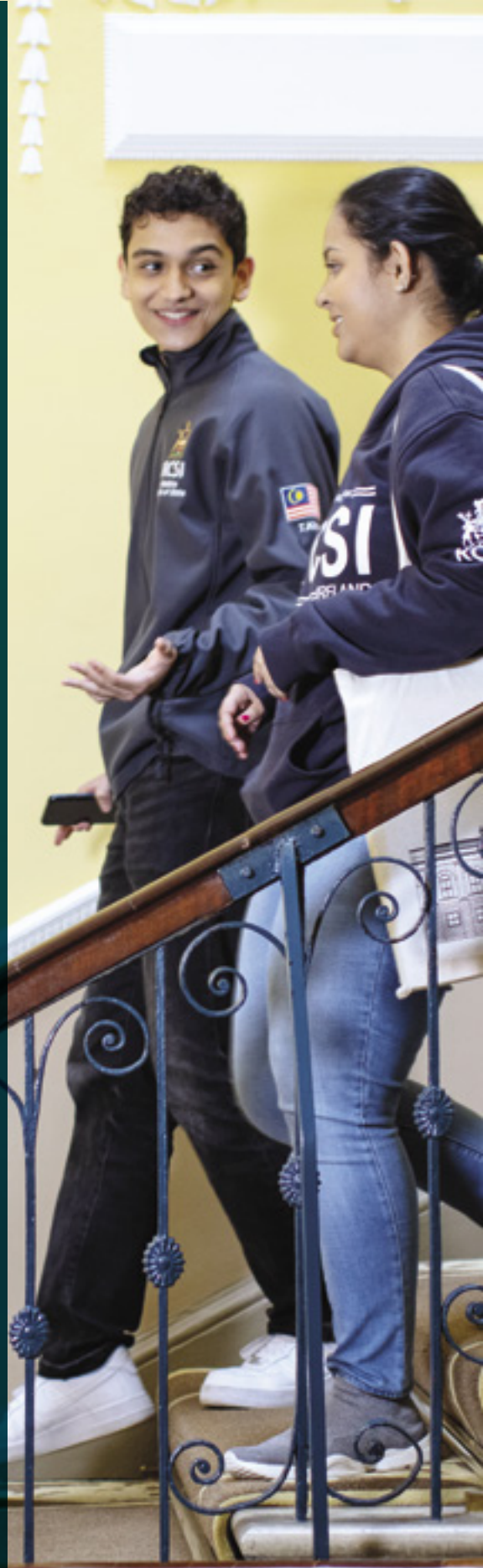
AS A FINAL YEAR RCSI STUDENT, YOU WILL HAVE OPPORTUNITIES TO PURSUE NORTH AMERICAN CLINICAL ELECTIVES SOURCED EITHER BY RCSI OR BY YOURSELF IN A WIDE VARIETY OF PUBLIC, PRIVATE AND SPECIALIST TEACHING HOSPITALS AND CLINICAL SITES.



INTERNATIONAL CLINICAL ELECTIVES

RCSI strongly encourages participation in clinical electives in Canadian and US hospitals during the final year of medical schooling for students whose goal is residency training in North America. These clinical electives provide excellent opportunities to explore specialties of interest, hone clinical skills, build a professional network and secure those all-important 'letters of recommendation'. Some representative examples of locations where RCSI students have recently completed clinical electives are shown on the map above.

- | | |
|--------------------------------------|-----------------------------------|
| 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



MR STEPHEN O'ROURKE
School of Physiotherapy, Class of 2014

Stephen trained as an actor at The Samuel Beckett Centre, Trinity College and worked as a professional actor and performer before entering the world of physiotherapy. Stephen graduated from the School of Physiotherapy at RCSI in 2014. He went on to work as a rotational Staff Grade physiotherapist in Beaumont Hospital and in both vestibular and musculoskeletal private practice. During this time, he pioneered Ireland's first Healthier Dancer Program and Injury Screening Program supported by Dance Ireland. He also researched injury incidence and physical fitness in aerial dance performers with the support of RCSI and the Irish Aerial Creation Centre. He has presented this research at the International Association of Dance Medicine and Science and the American Circus Educators international conferences.

In 2016, Stephen became Company Physiotherapist for Riverdance and toured China. He went on to become Senior Physiotherapist at Franco Dragone's The House of Dancing Water Show in Macau in 2017, looking after over 100 professional international performers. Since returning to Ireland due to COVID-19, Stephen has been working as a Senior Spinal and Musculoskeletal Physiotherapist with a continued interest in performance physiotherapy.



Listen to Stephen's story...



DR BEN LA BROT
School of Medicine Class of 2006

Benjamin is a native Southern Californian who has a long association with the ocean. From childhood, he worked on commercial fishing and research vessels and spent countless hours on (or under) the water off the coast of Southern California. Ben attended RCSI and worked as a medical doctor in the Irish healthcare system, helping to set up and run a long-term care for the elderly facility that also provided acute hospital services.

Travel and private medical mission work in developing countries led Ben to combine his love of the sea and medicine, and in 2009 he founded the Floating Doctors to bring more help to remote rural communities. In 2010, he led the first Floating Doctors mission to Haiti and has continued ever since.

Benjamin is also the President of RemoteCare Education (providing training for clinicians to practice international medical relief), a professor of global medicine at the Keck School of Medicine, University of Southern California, a clinical professor at University of California, Irvine Medical School, and an FDA compliance advisor for Roche Pharmaceuticals.



Listen to Ben's story...



MS FATIMA RUSTOM
School of Pharmacy, Class of 2008

Fatima obtained her BSc Pharmacy from RCSI in 2008 and her MSc in Healthcare Management from RCSI, Dubai, in 2013. She was appointed Pharmacy Director at the Communicable Disease Center (CDC) in Qatar in 2018, an organisation dedicated to diagnosing, treating, and preventing infectious diseases. CDC is a member hospital belonging to Hamad Medical Corporation (HMC), the largest healthcare provider in Qatar.

Fatima has experience in several areas, including assistant pharmacy director experience at the Heart Hospital, another specialist tertiary hospital committed to delivering high-quality care in cardiology and cardiothoracic surgery. She also gained hospital pharmacist experience at the National Centre for Cancer Care and Research (NCCCR), another HMC member specialist tertiary hospital. She also played an essential role in establishing medication safety and quality, pharmacy automation and informatics programmes at the Heart Hospital pharmacy department.

Fatima played a key role in planning and implementing Qatar's first automated pharmacy dispensing system. She also participated as a pharmacy subject matter expert in designing and testing the electronic Clinical Information System at the corporate level and as a change manager for the project's implementation at the hospital level.

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 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 (six-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



The past five years I spent at RCSI have been truly enriching. The quality of education and the access to state-of-the-art facilities and faculty have exceeded my expectations. The diverse student body at RCSI allowed me to broaden my perspective and cultural awareness, and ultimately build lasting relationships with people from all over the world.

I was initially apprehensive about the transition to life abroad in Ireland and studying Medicine at RCSI, but I can confidently say now that it has been an incredibly rewarding experience. The faculty and staff at RCSI have been incredibly supportive and have provided me, and other international students alike, a welcoming environment for us all to pursue our medical education. The diverse student body has also provided a unique opportunity to learn from and engage with individuals from a variety of backgrounds. The diversity at RCSI made the transition to a new country much easier. You never feel like you are away from home- in fact, Ireland becomes home!

MAHMOUD ABBASSY
Medicine



WATCH OUR 73 Questions with a First Year Medicine Student video



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 PLACEMENT' 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 Placement



In Year 2 you may have the opportunity to participate in the **Student Exchange Programme** for a single semester or a full academic year at **RCSI Bahrain**.

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)



My experience so far in RCSI has been nothing but wonderful! From the great social life to excellent teaching. It is certainly a big change from secondary school, but you adapt quickly. In first year, I got to perform mock patient examinations, study from cadavers and learn how the body works - all while making new friends and travelling abroad whenever I could! Second year has been a lot more lecture based and the workload is a little bit higher, but the modules are equally fascinating. Our pathology module in particular, has been my favourite by far and has sparked a big interest for me in oncology!

Studying Medicine at RCSI has given me the opportunity to meet people from all over the world, all with completely different backgrounds - but the same passion for healthcare. It has been amazing learning about different cultures from the friends I have made in my own year and events that RCSI's societies host - such as the International Food Night and Teddy Bear Hospital.

JESSICA SPENCER JOHNSON
Medicine



Watch our **73 Questions with a Final Year Medicine Student** video



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

- Obstetrics and Gynaecology
- Paediatrics
- Psychiatry
- General Practice
- Medicine and Surgery

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 Intern Practice module 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

- Medicine
- Surgery
- Elective
- Clinical Attachment
- Preparation for Intern Practice



NFQ: **Level 8**

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

Awarding 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 time in RCSI's teaching hospitals. There is a very early emphasis on clinical skills to ensure that upon graduation students are career ready.

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

With this in mind, RCSI's Graduate Entry 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). The programme has three vertical pillars of learning: Knowledge (Head); Skills (Hands), and; Personal & Professional Identity (Heart).

From your first day at RCSI, you will be assigned to the Mercer Community. The Learning Communities comprise groups of students who are actively engaged in

learning with and from each other. These communities 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 and other small group teaching activities.

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.

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
 Medicine and Surgery

SECOND SEMESTER

Cardiorespiratory System
 Renal and Endocrine Biology
 Nervous System Biology
 Evidence-Based Health/Public Health & Epidemiology
 Medicine and Surgery
 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 10 weeks of 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

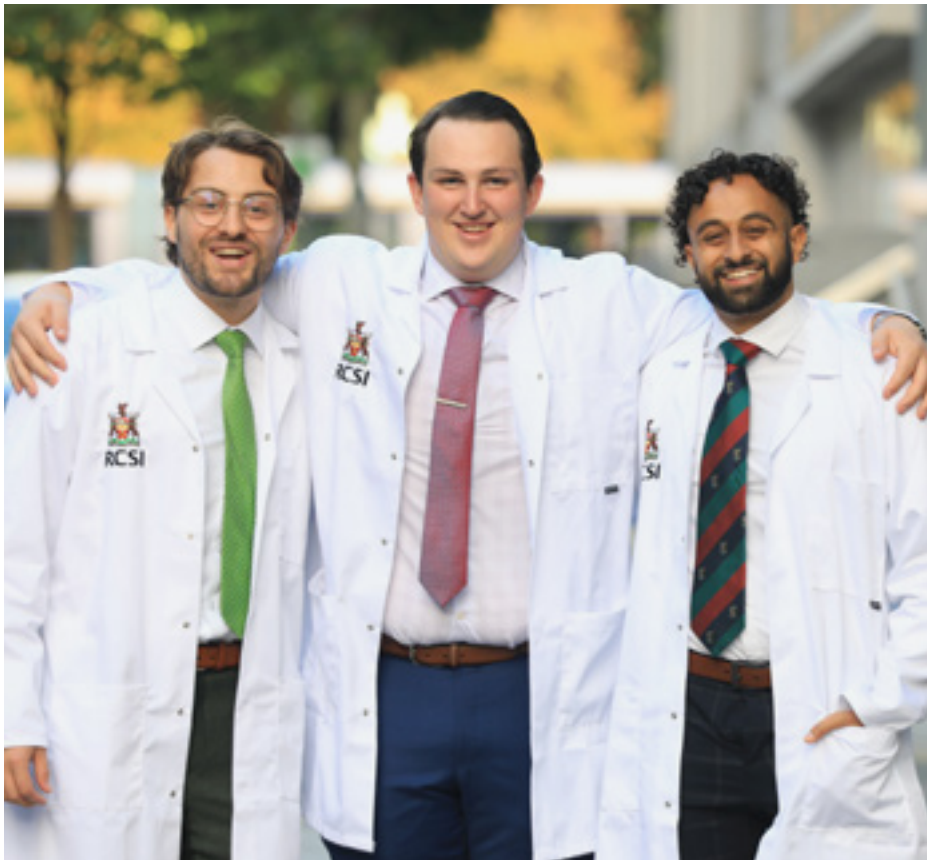


The thing I've enjoyed most about studying Medicine at RCSI is taking part in clinical placement in my third year. I loved the opportunity to learn on my feet while in the hospital or various clinics. More specifically I really value the experience in rotating through different specialties like OBGYN, paediatrics and psychiatry. Although I want to pursue a career in Family Medicine, I really enjoyed the challenge of being fully integrated in new specialties that required me to explore wide-ranging and new material.

I had the opportunity to work in two different Family Medicine clinics in Canada in the summer following my third year. I also completed a 4-week Sub-Internship at Mullingar Regional hospital. In addition to this, there was plenty of placement experience within the RCSI curriculum as we rotated through various hospitals and specialties (i.e. OBGYN, Paediatrics, GP, Surgery, Internal Medicine, Psychiatry) in our final two years of medical school.

My ambition upon graduation is to pursue residency in Family Medicine with the goal of incorporating principles of Lifestyle Medicine into my future practice!

CHINWE NWEBUBE
GEM



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 a placement in Otolaryngology.

FIRST & SECOND SEMESTER

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



RCSI has been the most rewarding academic accomplishment, yet the most challenging. Medical school is difficult but with every step closer to graduation you become grateful for the way RCSI pushes you to become that best physician possible. And this year I got to travel all over Ireland for clinical placements!

As an American, I found the transition from the US to Ireland seamless. The Irish are very welcoming and being able to connect with other international students eases your transition into a new city.

The best highlight of my time at RCSI has been the people I have met. My classmates come from all over the world and have taught me so much about different cultures and traditions. Academically, scrubbing into surgery the first time was a milestone for me. I realized that I was well on my way to achieving my dreams!

SHELBY TILLER
GEM



Watch our 73 Questions with a GEM Student video



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



A female pharmacist with dark hair, wearing a white lab coat and a black tie, is shown in profile from the waist up. She is reaching up with her right hand to a shelf filled with various boxes of medicine. The shelves are white and the boxes are in different colors and sizes. The background is slightly blurred, focusing on the pharmacist and the shelves.

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





My experience at RCSI, thus far, has been a unique one. Not only moving away from home was a difficult decision but taking up a demanding course such as Pharmacy and adapting to a new normal life has been challenging, yet a worthwhile experience. I'm so proud and indeed happy each time when saying that the vibrant and welcoming environment of RCSI, makes me feel a sense of belonging though miles away from home. Over the last two years, I have made so many friends, not only in my course but with people from other courses too. Being a health sciences school where each student is engaged in a robust course yet find time to participate in activities happening within the college does not make me feel left out and encourages me to step out of my comfort zone too!

SOPHIA KHAN
Pharmacy



Watch our 73 Questions with a Pharmacy Student video

YEAR 3

Year 3 continues with the systems-based model of teaching introduced in Years 1 & 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 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



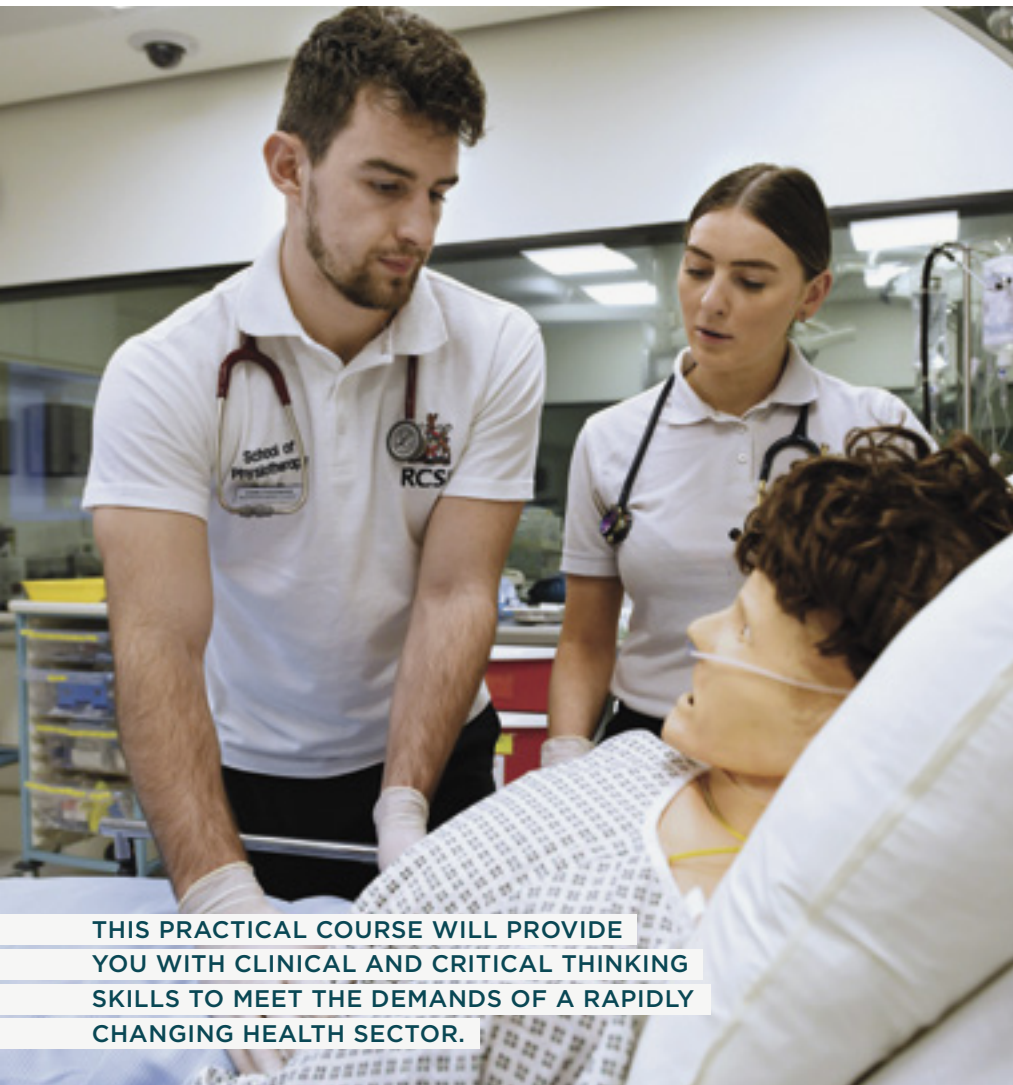
I have spent the past year and a half studying at RCSI and it has been amazing so far. The way certain modules are taught makes it much easier for you as a student to learn new skills, such as having a lecture followed by a practical class about the lecture you just had. RCSI also takes really good care of their students, if you face any challenges, you can reach out and contact the campus office at any time.

What I have enjoyed the most about studying physiotherapy at RCSI is the practical classes we have almost everyday that teach us what we are actually going to work in the real world. Another thing I really enjoyed was the anatomy lab, where it is a total different approach and experience to learn anatomy.

GHAZI AL QASEM
 Physiotherapy



Watch our *73 Questions with a Physiotherapy Student* video



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.

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.

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.

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



NFQ: Level 8

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

Awarding Body:
National University of Ireland

Duration: **4 years**



ADVANCED THERAPEUTIC TECHNOLOGIES

THE BSC IN ADVANCED THERAPEUTIC TECHNOLOGIES FUSES DIGITAL TECHNOLOGY WITH TRADITIONAL SCIENCE. IT IS FOCUSED ON THE LATEST SCIENTIFIC DISCOVERIES. UPON COMPLETION OF THIS DEGREE YOU WILL BE A HIGHLY SOUGHT-AFTER GRADUATE WHO CAN APPLY EXTENSIVE, FUTURE-FOCUSED SCIENTIFIC KNOWLEDGE AND TECHNICAL CAPABILITIES IN THE (BIO) PHARMACEUTICAL AND RELATED INDUSTRIES USING HIGHLY DEVELOPED POWER SKILLS TO ADDRESS CURRENT AND FUTURE GLOBAL HEALTHCARE NEEDS.

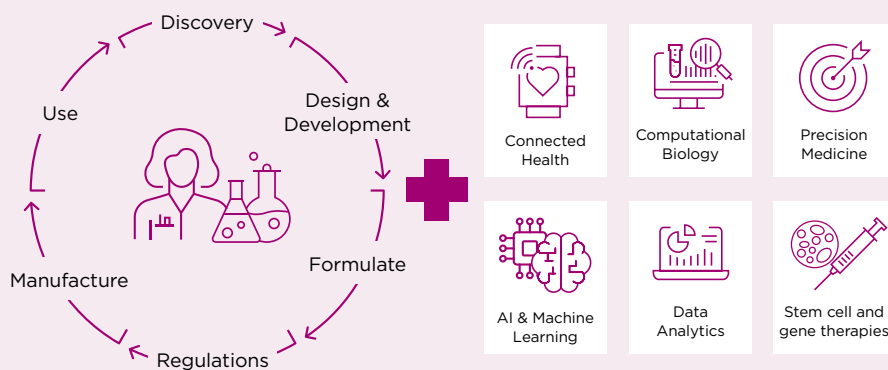
DO YOU WANT TO BECOME A SCIENCE INNOVATOR? AND A PIONEER IN STATE-OF-THE-ART THERAPIES AND MEDICAL TECHNOLOGIES?

Are you interested in biology and health science, love maths and technology and want to research and develop cutting edge medicines, treatments and health technologies? If so, this is the course for you.

RCSI'S FOUR-YEAR BSC ADVANCED THERAPEUTIC TECHNOLOGIES DEGREE SUPPORTS GRADUATES TO BECOME LEADERS IN HEALTHCARE INNOVATION AND TECHNOLOGY.

The programme has been designed in collaboration with a strong consortium of national and multinational bio pharma companies who provided their expertise to support the development of the BSc (ATT) curriculum, which addresses critical skill gaps and maximizes future BioPharma related opportunities.

The BSc degree not only deep dives in each stage of the drug life-cycle, it also layers on cutting edge advanced therapeutic technologies



9 KEY AREAS COVERED IN THIS SCIENCE DEGREE

Fundamental Sciences: The science of how the body works - Physiology, Biochemistry, Chemistry, and Microbiology.

Genetics & Genomics: The role of genes in disease, patterns of inheritance, genetics for diagnosis and drug selection.

Pharmacology: The science of drugs and how they work in the body.

Computational Biology/ Data Analytics: Statistical analysis and interpretation of big datasets generated from healthcare settings using programming languages such as Python and statistical environments such as R.

Immunology: How the immune system works in health & disease. The immune system is an important target of therapeutic intervention.

Connected Health: Wearable devices, Artificial Intelligence (AI) and machine learning in the context of health e.g. blood sugar monitors linked to smartphone Apps to maximize effectiveness of diabetes treatments.

Pharmaceutics: The science of drug delivery - ensuring medicines are delivered effectively to the correct body tissue.

Precision Medicine: Therapeutic treatments which are tailored to the individual - taking account of an individual's genes, environment and lifestyle.

Power Skills: Critical personal skills in competencies such as leadership, management, and communication which enable success in the workplace.



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 - Pharmaceutics 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 - Pharmaceutics 2
 Gastrointestinal Health - Medicines and Patient care
 The Scientist: Professional Formation 2



The labs where we work are fascinating and really help to further explain the content that is taught in the lectures. I never thought I'd enjoy learning how to code - I love how I was given independence within the workshops to analyse the data myself.

INGRID RADU
 Advanced Therapeutic Technologies





I enjoy studying ATT because of the wide range of options it gave me. With this course, I have learnt so much from human anatomy to biostatistics. I especially love learning about drug formulation and the work it takes to develop a new drug. The pharmaceuticals and pharmacology lectures are so interesting, and I leave the lectures with something new.

DARA ALERO ANTHONY
Advanced Therapeutic Technologies



Watch our 73 Questions with an ATT Student video

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 learn how to programme using Python to develop skills in data analytics.

You will study each stage of the drug life cycle process and learn how to bring a new medicine to market, including the different regulatory frameworks across geographies.

YOUR PROFESSIONAL POWER 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
Bioinformatics and Biostatistics
Project Management

SECOND SEMESTER

Computational Biology: 1
Regulatory Science
Biologic & Immuno-therapeutics
Medicines - Drug Life Cycle



DURING YOUR EIGHT-MONTH INDUSTRY WORK PLACEMENT IN YEAR 3, YOU WILL GET TO DEMONSTRATE AND APPLY THE TECHNICAL KNOWLEDGE AND POWER SKILLS AND COMPETENCIES YOU HAVE GAINED.

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.

Further power skills 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

Eight-month industry work placement

YEAR 4

The first semester 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. In the final semester 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.

FIRST SEMESTER

Scientific Research Skills

SECOND SEMESTER

Frontiers of Therapeutic Technologies

Computational Biology: 2

Connected Health

Leadership & Management

**AFTER GRADUATION**

BScATT equips graduates with the technical knowledge and power skills to become future leaders in healthcare innovation and technology. Graduates are in a position to apply for a range of varied roles in the pharmaceutical industry and related areas, including: Drug design and development, Data analytics, Design/management/analysis of clinical trials, Scientific Research in Industry or academia, Roles in Biopharmaceutical Industry, Project management, Digital health device design and development, Quality assurance, Regulatory affairs, Medical writing, Management consultancy, Start-ups, Research funding agencies and Patient advocacy.

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.

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://www.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.

The Atlantic Bridge website 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://www.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 early 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 following 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 AAB, to include Chemistry, one additional laboratory science subject (Biology or Physics), plus one other from the following group: Biology, Physics, Mathematics 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.

Six-year track

Applicants who have completed three A-Levels* and who meet the grade requirements of the 5-year track (AAB) but not the subject requirements may be considered for the six-year track. Applicants must present at least one subject from the following: Chemistry, Physics or Biology.

**All A Level subject examinations must be taken within two consecutive academic years.*

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 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 English, Mathematics** and at least one Higher Level laboratory science subject (Chemistry, Biology or Physics).

**All IB Diploma subject examinations must be taken within two consecutive academic years*

***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).



Non EU entry requirements
Undergraduate Medicine

CANADIAN HIGH SCHOOL DIPLOMA**Six-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**Six-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 & RCSI) LRCPI & 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 and 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-Level subjects* 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.

**All A Level subject examinations must be taken within two consecutive academic years.*

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.

**All IB Diploma subject examinations must be taken within two consecutive academic years*

***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% in

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 Biology, Chemistry 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)**

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-Level subjects* 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.

**All A Level subject examinations must be taken within two consecutive academic years.*

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).

**All IB Diploma subject examinations must be taken within two consecutive academic years*

***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

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-Level subjects* 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.

**All A Level subject examinations must be taken within two consecutive academic years.*

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.

**All IB Diploma subject examinations must be taken within two consecutive academic years*

***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

FEES

Fees for the 2023/2024 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 approximately 2% per annum for the past number of years.

FEES 2023/2024

Undergraduate Medicine	€58,000
Graduate Entry Medicine	€59,500
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.

FURTHER INFORMATION

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









UNIVERSITY
OF MEDICINE
AND HEALTH
SCIENCES

RCSI University of Medicine and Health Sciences
Royal College of Surgeons in Ireland
123 St Stephen's Green, Dublin 2, D02 YN77, Ireland.

Tel **+353 1 402 2228**
Email **admissions@rcsi.com**
rcsi.com/dublin