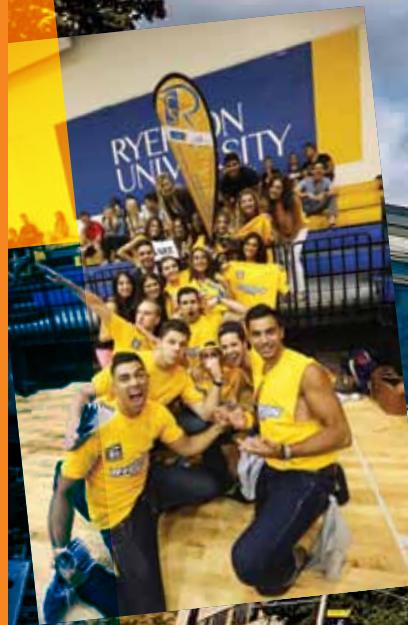


ADMISSIONS HANDBOOK **2015**

RYERSON UNIVERSITY

ADMISSIONS HANDBOOK 2015



RYERSON
UNIVERSITY

Everyone Makes a Mark

ADMISSIONS HANDBOOK **2015**



132



- 2 We are urban
- 4 We are connected
- 6 We are in the zone
- 8 We are community
- 10 Undergraduate Programs at a Glance
- 12 Faculty of Arts
- 28 Faculty of Communication & Design
- 46 Faculty of Community Services
- 60 Faculty of Engineering and Architectural Science
- 72 Faculty of Science
- 84 Ted Rogers School of Management
- 94 Minors
- 96 International Opportunities

- 97 Graduate Studies
- 97 Continuing Education
- 98 Co-operative Education
- 99 Scholarships
- 102 Money Matters
- 103 Jobs on Campus
- 104 Athletics
- 106 Residence and Housing
- 108 Library and Archives
- 109 Ryerson Students' Union
- 110 Food on Campus
- 112 Programs and Services
- 114 Admission Requirements
- 126 Applying to Ryerson
- 128 Visit the Campus
- 130 Campus Map
- 132 Connect with Us

Ryerson University

This is a special place

Some people can only see possibilities. They are the dreamers, the doers, the ones who refuse to be stopped by problems and instead search relentlessly for solutions. Simply put, they are the people you will find at Ryerson – a university committed to bringing about meaningful social change through career-relevant education.

Within every classroom, studio and lab at the university there are leaders in the making. Our students arrive on campus with big dreams, receive the necessary support to launch bright ideas, and gain the critical skills and knowledge to initiate bold innovations for years to come.

Ryerson students imagine a different world. Just as important, they don't wait for others to create it. They use their talents, abilities and strengths to transform and serve the world – often long before graduation.

The results of that “take action” approach are remarkable. In addition to entering highly respected graduate programs, Ryerson alumni launch new businesses, invigorate workplaces, enhance patient care, develop novel technologies and inspire others through a broad range of creative works.

In short, that's how the world changes – one amazing step forward at a time. As a Ryerson student, you will help to keep the momentum going, in your own unique way. We can't wait to see what happens next.





WE ARE URBAN

Whether you're on campus or exploring our urban surroundings, the energy of downtown Toronto electrifies your senses. You see it in the city's constant activity and dazzling architecture. You hear it as students discuss new ideas on the way to class. You taste it in the flavours of Toronto's diverse culinary offerings. And you feel it in the very spirit of the city – urban, vibrant and cosmopolitan.

From experience to support your studies to fun social activities - you've come to the right place.

- Major-market radio and television stations.
- Headquarters of Canada's highest-circulated newspapers and magazines.
- Canada's primary business, fashion, design and theatre districts.
- Toronto City Hall, Queen's Park, government agencies and courthouses.
- World-renowned social services, hospitals and health-care facilities.
- Canada's leading companies and organizations in science research and development.
- Top-rated restaurants and cuisine from around the world.
- The best in live theatre and the performing arts.
- Home of the Toronto International Film Festival.
- Exceptional shopping destinations.
- Next door to Yonge-Dundas Square, a hub for festivals, special events and free concerts in the heart of the city.



WE ARE CONNECTED

Ryerson is shaped by the needs and attributes of our surroundings. Our students are innovators fuelled by compassion and the drive to make a difference in our local and global communities.

From a local perspective, the university has long-standing roots. Faculty members incorporate their industry expertise into classroom lessons and Ryerson regularly welcomes distinguished visiting professors to campus so they may share their knowledge with the university community. Those highly regarded leaders include Seamus O'Regan, journalist with CTV National News; Ann Cavoukian, an internationally renowned expert on privacy issues and rights; and John Ralston Saul, an award-winning non-fiction and fiction author as well as an accomplished public speaker.

Volunteer and make a difference

Ryerson's global focus is also reflected in our partnership with the international charity Free The Children. Working together, we presented We Day 2013, an exciting event that attracted 20,000 young people and educators to the Air Canada Centre. We Day inspires youth to volunteer and dedicate themselves to making a difference – a noble activity and one that fits well with our commitment to social innovation.

Engage in research for the greater good

This dedication is reflected in the work of our students. Early Childhood Studies '12 and '13 graduates Sherene Ng and Rubina Quadri collaborated to create The Shoe Sensor, a shoe for people who, like Ng, have a degenerative eye disease that leads to vision impairment and blindness. Vibrating to alert users of foreign objects in the way, the shoe minimizes slips and falls. It was designed during Ng's internship in the EDGE lab, a research lab that studies user-initiated designs and is directed by ECS professor Jason Nolan.

Solve real-world problems

Our commitment to social change is showcased in all that we do, and we have been designated Canada's first Ashoka Changemaker Campus by Ashoka U, a division of Ashoka, which partners with universities and colleges to foster a campus-wide culture of social innovation. Ryerson joins an international network of universities and colleges that are working to solve real-world problems in new and creative ways.





Being part of Enactus Ryerson, a student entrepreneurship group, changed my life. I've had the opportunity to experience first-hand how knowledge and determination can have positive impact. I represented Canada at the World Cup in Cancun, Mexico, and traveled to Kenya twice to create the Dago Beekeepers Association. Teaching the villagers of Dago to develop sustainable sources of revenue and food by successfully running their own beekeeping ventures has shown me the power of turning just an idea, into reality.

Tyler Baird
Business Management '13



- ① Ryerson students participate in We Day Toronto, an event that inspires young people to make a difference.
- ② The Ryerson community celebrates our Askoka Changemaker Status.



WE ARE iN THE ZONE

As Canada's leader in innovative, career-focused education, Ryerson provides many opportunities to gain real-world experience. Our curriculum is progressive in its approach, relevant in its content and empowering in its delivery and helps students realize their career goals.

Theories taught in the classroom are reinforced through hands-on learning. For example, a number of programs offer co-op opportunities, internships and placements. Students also meet professionals and collaborate with organizations in their chosen fields, and are encouraged by faculty members to fully explore future career opportunities throughout their time at the university.

I started as a volunteer, then a thesis student and am now a supervisor at the Koivisto Lab for Advanced Solar Design and Innovation. I've been fortunate to have multiple opportunities to build my technical skills, as well as my soft skills (public speaking, time management, leadership and mentoring others). Through strong mentorship and guidance from my professor, I was able to secure experiences I didn't think possible - such as leading 18 summer undergraduate volunteers on an exciting lab development project.

Burhan Hussein
4th year Chemistry





1

Take your idea to the next level

Do you have an idea for a new business start-up, a cool consumer product or an inspiring social venture? We can help you take your idea to the next level.

Zone learning transforms your educational experience at Ryerson. It takes you beyond the classroom and lets you meet and work with students from across the university who are creative, ambitious, and driven by passion. By becoming part of Ryerson's zone learning network, you'll get the right kind of support to create, develop and launch your idea.

Zone learning at Ryerson is all about collaborating with your peers, and getting the resources and support you need. Even if your idea isn't yet fully developed, you can still get involved in zone activities and use resources to help prepare you for admission into one of the zones.

Currently, zone learning is available in digital media, urban energy, fashion, transmedia and design fabrication.

Get global experience

Enhance your status as a global citizen by taking advantage of Ryerson's many opportunities to participate in international exchanges and field trips.

In fall 2013, four fashion communications students attended Istanbul Fashion Week with School of Fashion chair Robert Ott and journalist Jeanne Beker. Part of a course that explores emerging topics and standards in fashion, the experience enabled the students to learn about fashion journalism in a professional, real-world setting.

2



1 Ryerson students collaborate and create in the Digital Media Zone.

2 Fashion communication students (from left to right) Kiersten Hay, Camille Blais, Naomi Nachmani and Sam Heichert attend Turkish Fashion Week with Jeanne Beker.

WE ARE COMMUNITY

The Ryerson experience enables you to fully experience the quality and richness of university life. As part of our vibrant campus community, you'll find there are many activities and spaces to enjoy both on our campus and in the surrounding area.

Are you a sports and fitness fan?

Cheer on Ryerson's sports teams, the Rams, or participate in intramural leagues with fellow students and get fit at the Mattamy Athletic Centre at the Gardens. This amazing facility houses an NHL-sized ice rink, multi-purpose court, fitness centre and studios, and a high-performance gym.

Love the arts?

Meet up with friends for coffee at Balzac's, then take in a photography exhibit at the Ryerson Image Centre – a spectacular teaching, research and exhibition facility. The centre's signature holding is the Black Star Collection, which features approximately 292,000 photojournalistic prints, a sizeable fine art photographic collection and several world-renowned artist archives.

Want an inspiring place to study?

Soon you can head for the new Ryerson Student Learning Centre. This stunning building on Yonge Street will provide incredible spaces for discovery and collaboration with your classmates.

Want to get involved?

Ryerson's Passport Program can help you make the most of your university experience. Through this platform you can find the right opportunities for involvement, stay informed of upcoming events, organize and promote co-curricular activities, and keep track of your participation in campus life with your Record of Involvement.

University life has many facets. That's why at Ryerson, we are focused on the quality of your experiences – in the classroom, on our campus, and within our diverse and engaged community.



① Mattamy Athletic Centre

② Ryerson Image Centre

③ Artist's Rendering: Student Learning Centre. Courtesy of Labtop USA Corp / Zeidler Snøhetta.

"Ryerson University is one of the most welcoming communities I have been a part of; it's a place where students, professors and staff work together to create a positive learning environment. Through organizations such as the Tri-Mentoring Program and Visions of Science, I was able to encourage university and grade-school students to pursue a career in science. At Ryerson I was able to discover my true potential and help others to do the same."

Anam Ahmad
Mechanical Engineering '14



undergraduate programs at a glance

If you're looking for career-ready learning that combines academic rigour and relevant experience, you've come to the right place. Take the next step and explore our undergraduate programs.

Faculty of Arts

Introduction: Page 12

Admission Requirements: Page 118

Program	Page	Degree	Program Format(s)
Arts and Contemporary Studies	14	BA	Full Time: Four Year
Criminology	15		
English	16		
Environment and Urban Sustainability	17		
Geographic Analysis	18		
History	19		
International Economics and Finance	20		
Philosophy	21		
Politics and Governance	22		
Psychology	23		
Public Administration and Governance	24		Part-Time: First-Year Entry
Sociology	25		Full Time: Four Year
Undeclared Arts	26		Full Time: First-Year Studies Only

Faculty of Communication & Design

Introduction: Page 28

Admission Requirements: Page 116

Program	Page	Degree	Program Format
Creative Industries	30	BA	Full Time: Four Year
Fashion		BDes	
• Communication	31		
• Design	32		
Graphic Communications Management	33	BTech	
Image Arts		BFA	
• Film Studies	34		
• Photography Studies	35		
Interior Design	36	BID	
Journalism	37	Bjourn	
Performance		BFA	
• Acting	38		
• Dance	39		
• Production	40		
Professional Communication	41	BA	
RTA School of Media	42		
• Media Production	43	BA	
• New Media	44	BFA	
• Sport Media	45	BA	

Faculty of Community Services

Introduction: Page 46

Admission Requirements: Page 119

Program	Page	Degree	Program Format(s)	
Child and Youth Care	48	BA	Full Time: Four Year; Direct Entry Part Time: Direct Entry	
Disability Studies	49		Part Time: Degree Completion	
Early Childhood Studies	50		Full Time: Four Year; Direct Entry	
			Part Time: Direct Entry	
Midwifery	51	BHSc	Full Time: Four Year Part Time: First-Year Entry	
Nursing	52	BScN	Full Time: Four Year	
Nursing Post-Diploma	53		Full Time: Degree Completion	
			Part Time: Degree Completion	
			Undeclared Science	
Nutrition and Food	54	BASc	Full Time: Four Year	
Occupational and Public Health	55		Full Time: Four Year; Five-Year Co-operative; Degree Completion	
Social Work	57	BSW	Full Time: Four Year Part Time: Advanced Standing	
Urban and Regional Planning	58	BURPI	Full Time: Four Year; Two-Year Post-Baccalaureate; Two-Year Post-Diploma Degree Completion	

Faculty of Engineering and Architectural Science

Introduction: Page 60

Admission Requirements: Page 122

Program	Page	Degree	Program Format(s)
Aerospace Engineering	62	BEng	Full Time: Four Year; Five-Year Optional Industrial Internship Program (IIP)
Biomedical Engineering	63		Chemical Engineering is Co-operative Only – Full Time: Five Years
Chemical Engineering Co-Op	64		
Civil Engineering	65		
Computer Engineering	66		
Electrical Engineering	67		
Industrial Engineering	68		
Mechanical Engineering	69		
Undeclared Engineering	70	Full Time: First-Semester Studies Only	
Architectural Science	71	BArchSc	Full Time: Four Year

Faculty of Science

Introduction: Page 72

Admission Requirements: Page 123

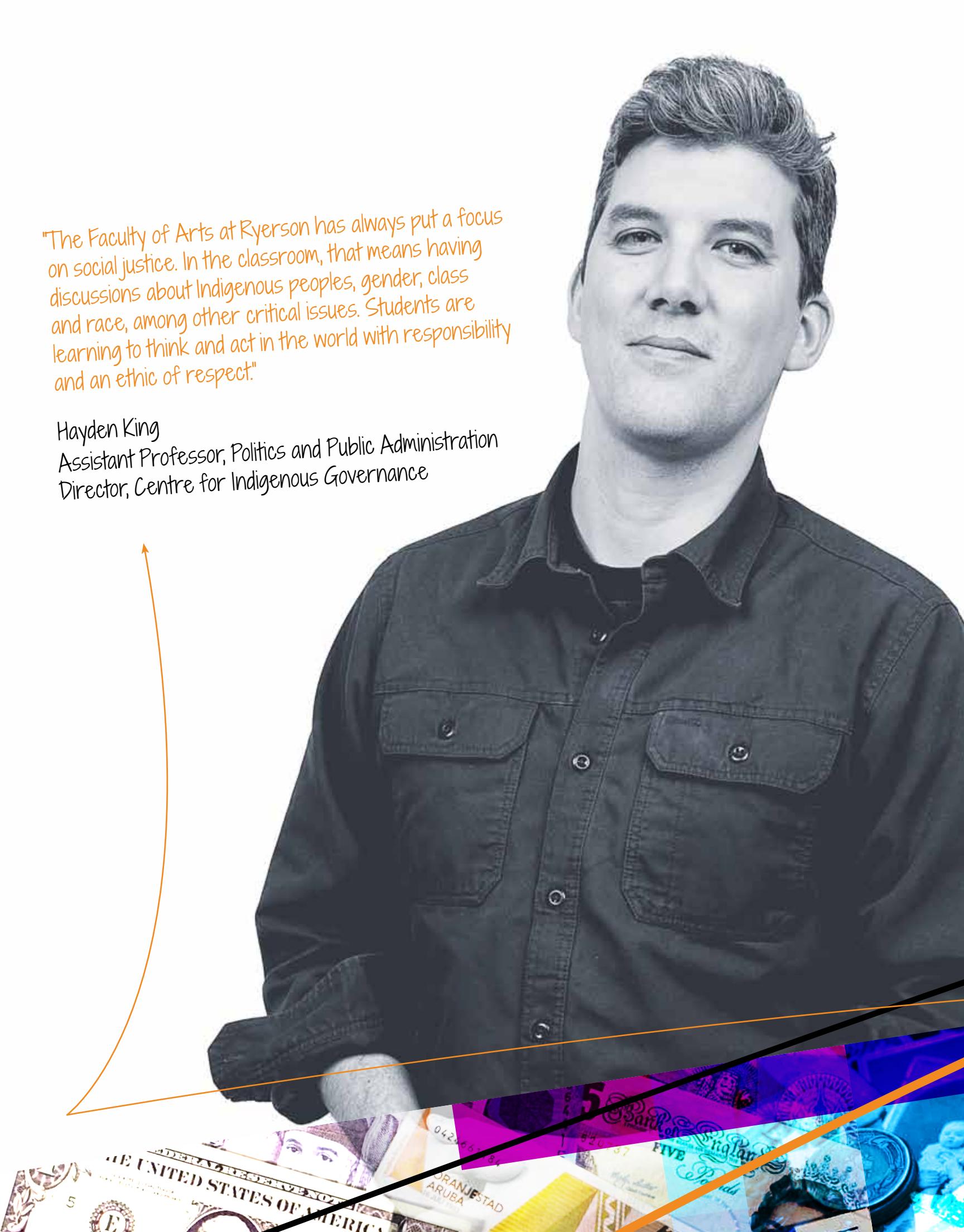
Program	Page	Degree	Program Format(s)
Biology	74	BSc	Full Time: Four Year; Five-Year Co-operative
Biomedical Science	75		
Chemistry	76		
Computer Science	77		Full Time: Four Year; Five-Year Co-operative Part Time: First-Year Entry (possible Advanced Standing)
Financial Mathematics	78		Full Time: Four Year; Five-Year Co-operative
Mathematics and its Applications	79		
Medical Physics	80		
Undeclared Science	81		Full Time: First-Year Studies Only

Ted Rogers School of Management

Introduction: Page 84

Admission Requirements: Page 124

NEW! Co-op options rolling out across all programs beginning 2015.			
Program	Page	Degree	Program Format(s)
Accounting & Finance	86	BComm	Full Time: Four Year
Business Technology Management	87		Full Time: Four Year; Five Year with Optional Co-operative; Direct Entry; Degree Completion
Business Management	88		Part Time: First-Year Entry; Direct Entry; Degree Completion
Health Information Management	90		Full Time: Four Year; Direct Entry
Health Services Management	91	BHA	Part Time: First-Year Entry; Direct Entry
Hospitality and Tourism Management	92		Part Time: Degree Completion
Retail Management	93		Full Time: Four Year
			Full Time: Four Year; Direct Entry
			Part Time: First-Year Entry; Direct Entry

A black and white portrait of Hayden King, a young man with short, wavy hair, looking slightly upwards and to his right with a neutral expression. He is wearing a dark denim jacket over a light-colored shirt.

"The Faculty of Arts at Ryerson has always put a focus on social justice. In the classroom, that means having discussions about Indigenous peoples, gender, class and race, among other critical issues. Students are learning to think and act in the world with responsibility and an ethic of respect."

Hayden King
Assistant Professor, Politics and Public Administration
Director, Centre for Indigenous Governance



FACULTY OF ARTS

The Faculty of Arts is at the frontier of world-class research, innovation and creative practice in the social sciences and humanities. Ryerson University's brand of career-relevant learning, combined with a liberal arts education, is a hallmark of our undergraduate programs. You will gain valuable skills in research, evaluation and communication, which are essential for success in today's economy. And experiential learning activities, in the form of community projects, research, or internships, will ensure you develop the skills and knowledge to launch your career after graduation.

- 14 Arts and Contemporary Studies
- 15 Criminology
- 16 English
- 17 Environment and Urban Sustainability
- 18 Geographic Analysis
- 19 History
- 20 International Economics and Finance
- 21 Philosophy
- 22 Politics and Governance
- 23 Psychology
- 24 Public Administration and Governance
- 25 Sociology
- 26 Undeclared Arts

arts and contemporary studies



Arts and Contemporary Studies—Is It For You?

What are the solutions to today's complex challenges? What social and cultural trends influence our way of life? What key insights of the past are necessary to solve real-world problems of tomorrow? Arts and Contemporary Studies is an interdisciplinary program that combines an education in the humanities and social sciences with theoretical approaches and practical skills, preparing graduates to deal successfully with contemporary social issues.

Experience

Workplace Readiness: Develop skills that are essential to success in the workforce, such as a variety of communicative strategies, reading texts critically, writing and speaking effectively, leadership, designing and executing research projects, creating lifelong-learning strategies, mediating conflicts and working in teams.

Community Projects: Arts and Contemporary Studies is devoted to bringing awareness about the world in which we live. The program offers course-based, directed research, experiential learning and co-curricular activities designed to ensure high-quality and mutually beneficial experiences for both students and the community.

Global Learning: As a student in Arts and Contemporary Studies, you can participate in international exchange programs to strengthen your skill set and broaden your understanding of important social and cultural concepts and practices.

Student Groups: Enhance your skills, build your peer network and stay current on trends in your field through the Arts and Contemporary Studies Course Union.

Classes

- You will take courses on the great ideas that have shaped the world—from ancient times to present day—and draw connections between literary theory, philosophy, history, religion, science and global affairs. Learn about thinkers such as Northrop Frye, Albert Einstein, Naomi Klein, Aristotle, Leonardo da Vinci and Karl Marx.
- Courses in your last three years can be concentrated into one subject-based option—English, French, History or Philosophy—or interdisciplinary option—Culture Studies, Diversity and Equity Studies, Global Studies or Inquiry and Innovation.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in sectors such as business, media, entertainment, education, non-profit, the arts and public service.
- Pursue roles in intercultural relations, event planning and organization, international sales, policy development, career consulting, art and cultural advocacy, scientific technical writing, consumer advocacy, sales and marketing, public relations, communications, cultural and entertainment criticism, equity advising in human resources, counselling and advertising.
- Use the program as a stepping stone to advanced studies, such as teachers college, law school or graduate school.

criminology (formerly criminal justice)

Criminology—Is It For You?

Law and order is only the beginning of criminology. This dynamic field deals with everything from understanding criminal law, to appreciating the roles of different stakeholders (such as victims, offenders and communities), to recognizing the complexities of providing ‘justice’ within, and outside of, the criminal justice system. Working in areas such as policing, courts, prisons, nongovernmental support agencies and social services, Ryerson graduates enjoy the rewards of helping to cultivate a just and fair society. In our socially diverse and rapidly changing society, criminal justice practitioners are equipped with the knowledge, skills and passion to uphold social values while responding to the fundamental justice issues of our time.

Experience

Community Projects: Faculty of Arts students have the opportunity to participate in programs through the Student Experience Centre, which provide course-based and co-curricular activities designed to ensure high quality and mutually beneficial experiences for both students and the community.

Workplace Readiness: Develop skills that are essential to success in your field, such as thinking critically; communicating effectively; designing and analyzing research; negotiating; working in teams; and understanding written, graphic and computer communications.

Global Learning: You will have the opportunity to participate in international exchange programs to strengthen your skill set and broaden your understanding of criminology concepts and practices.



"The Criminology program at Ryerson has nurtured my passion for justice and equality. It has given me a solid foundation from which I can pursue my desire to contribute to marginalized communities in a meaningful way. The criminology faculty has been exceptional in guiding me throughout my undergrad and continues to be a strong support system. I am now an active advocate for social justice and a force for social change."

Zain Shah
Criminology '14
Program Executive, Canadian Council of Muslim Women
Board of Directors, Concerned Friends of Ontario
Citizens in Care Facilities

english

English—Is It For You?

Literature brings the world to life in creative ways, animating our experience of diverse identities, cultures and time periods. Engaging with stories, poems, graphic novels, films, blogs and digital content makes it possible to develop new perspectives on the complex relationships between art and life. Ryerson graduates transform their broad understanding of literature and culture into a variety of rewarding career opportunities in writing, teaching, business, library science, the arts and related fields.

Experience

Practical Training: Build in-depth English expertise in a range of theoretical frameworks and research methodologies, and participate in experiential learning opportunities.

Workplace Readiness: Develop skills that are essential to success in the workforce, including critical analysis, research methods and various modes of writing.

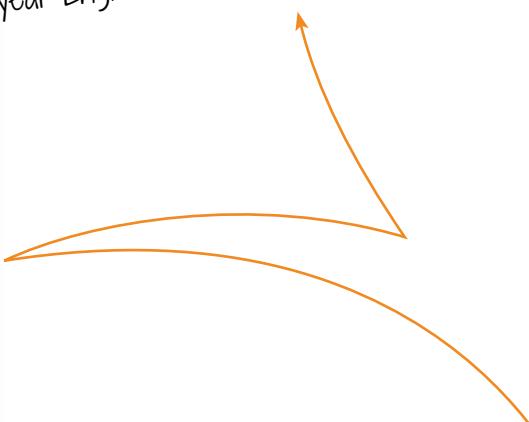
Extracurricular Learning: Enhance your knowledge and skills and grow your peer network by participating in student groups and departmental lectures, and by contributing to campus literary publications and events.

Community Projects: Faculty of Arts students have the opportunity to participate in programs through the Student Experience Centre, which provide course-based and co-curricular activities designed to ensure high-quality and mutually beneficial experiences for both students and the community.



"English at Ryerson has not only helped me further my love of reading, it has helped me gain diverse skills and knowledge that I will apply in both my academic and non-academic lives. Finally, it has also helped me discover fantastic opportunities that are difficult to find elsewhere."

Jamie Morin
4th year English



environment and urban sustainability

Environment And Urban Sustainability—Is It For You?

Going green has gone mainstream, and more and more people are concerned with preserving and protecting the planet. Professionals working in this diverse and growing field will play an important role in making the earth a cleaner and more sustainable place to live. With everyone from citizens to corporations to governments embracing eco-friendly ideas and approaches, practitioners in this field enjoy many opportunities to research and resolve environmental issues.

Experience

Practicums: Build your skills and your contacts in the field through two optional placements featuring a minimum of 10 weeks of full-time work experience.

Comprehensive Learning: Put classroom concepts into real-world context by participating in field trips and research projects, and by attending seminars presented by working professionals.

Practical Project: Build in-depth knowledge, skills and practical experience through a course project that involves preparing an environmental consulting report for an external client.

Workplace Readiness: Develop and master core competencies in communication, project management, research, collaboration, critical thinking/judgment, and knowledge of environmental policies and issues.

Ideal Setting: Ryerson's downtown Toronto location is optimal for investigating urban sustainability issues and solutions.

Credential Preparation: Your training will help you advance on the path toward achieving professional environmental certifications.

Classes

- In your first year, take courses common to Criminology, English, Geographic Analysis, History, Philosophy, Politics and Governance, Psychology and Sociology programs. Environment and Urban Sustainability courses will focus on sustainable city environments, examination of ecological processes, academic writing and critical thinking.
- Your studies in second, third and fourth year will involve interpreting urban environments, analyzing demographics, exploring urban policy, critiquing sustainable initiatives, research design, and applying sustainability principles that are grounded in an understanding of social, economic, physical and natural environments.
- Choose from courses in geography, history, philosophy, politics and public administration, sociology, law and business, architectural science, economics, and chemistry and biology. Other courses can be taken from Ryerson's schools of Urban and Regional Planning, Interior Design, Occupational and Public Health, and the Ted Rogers School of Hospitality and Tourism Management.
- You can focus your studies on environmental design, environmental management, environmental policy, community studies or natural science.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in the private, government or non-profit sectors.
- Pursue roles such as analyst, manager or sustainability officer.
- Complete graduate school, or engage in advanced studies in teaching or law.



geographic analysis

Geographic Analysis—Is It For You?

Understanding the complex connections people have with their natural and built environments and the ability to synthesize these connections is the focus of geographers. This understanding is helped using state-of-the-art technology in geographic information systems (GIS) to provide real-world solutions to issues surrounding urban growth, poverty, health, economic development, deforestation, pollution, climate change or environmental remediation. Training in geotechnology and expertise in one or several areas of geographical study make graduates of the program well-rounded academics, ready for the professional workplace.

Experience

Work Placement: Gain professional experience and make industry contacts through a 350-hour summer internship.

Leading-edge Facilities: Train in Canada's finest educational GIS labs, where you will use the most current GIS and remote-sensing software and computer systems.

Exchange Program: Learn about concepts and practices in geographic analysis worldwide through an international study exchange in the United Kingdom, Germany or other countries.

Practical Project: Build in-depth knowledge, skills and practical experience by completing a consulting project for a client in the private or public sector.

Global Learning: Strengthen and expand your geographic analysis knowledge and skills through field trips across Canada and to the United States, Europe and China.

Student Group: Enhance your skills, develop your peer network and stay current on trends in the field by getting involved in Ryerson's Student Association of Geographic Analysis.

Classes

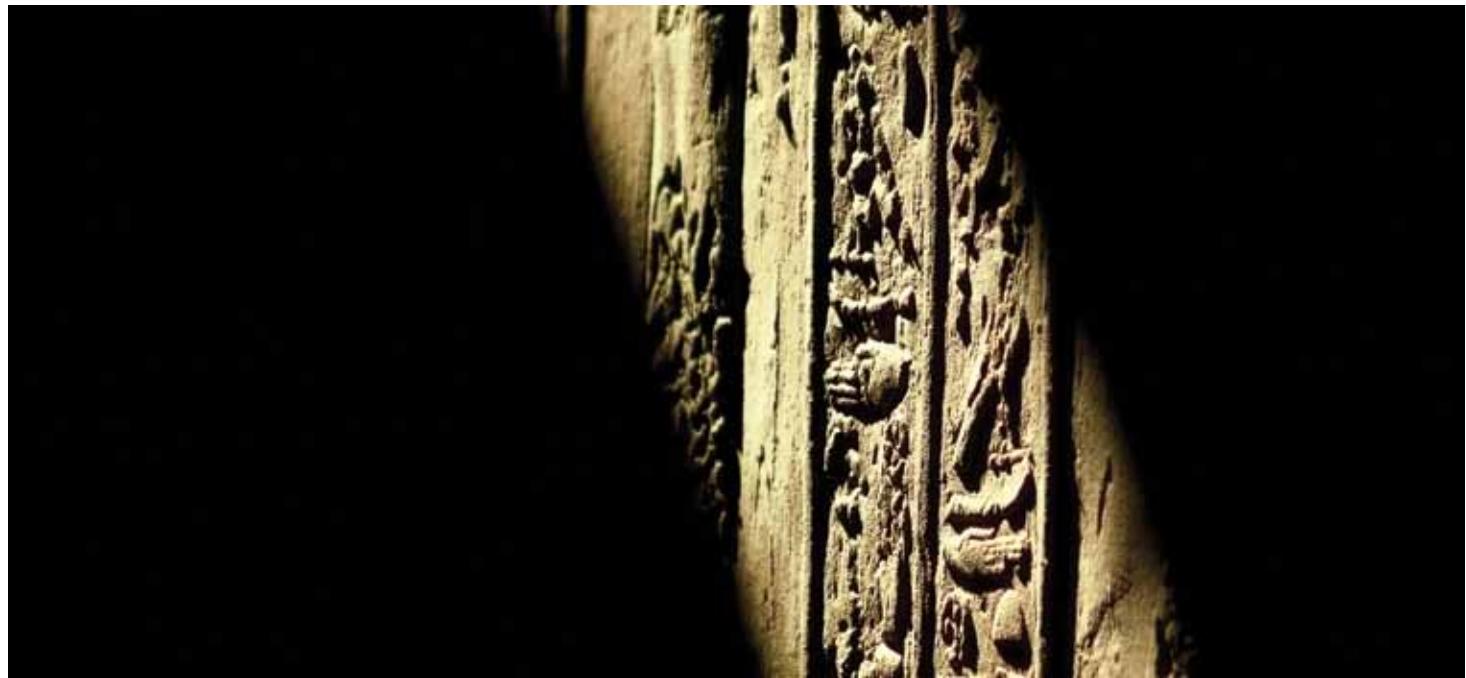
- In your first year, take courses in geography and geotechnology and courses common to the Criminology, English, Environment and Urban Sustainability, History, Philosophy, Politics and Governance, Psychology and Sociology programs.
- In your second year, you will examine the issues, processes and concepts that concern professional geographers, as well as their analytical, informational and communication techniques. Take courses in location analysis, urban analysis, GIS, environmental and resources management, and tourism and recreation management.
- In third and fourth years, you will continue developing geotechnology skills such as remote sensing, and choose two or more of the following specializations: Retail Location, Economics and Regional Development; Tourism and Recreational Management; Environmental and Resources Management; Urban Studies; and Community and Related Services.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work for corporations, consulting firms and government departments involved in site selection, recreation and tourism planning, health planning, or route selection.
- Pursue roles in market research, real estate development, environmental analysis, economic forecasting, retail marketing, industrial analysis, recreation studies, resource management or urban studies.
- Explore government opportunities in natural resources, northern affairs, recreation and tourism, municipal affairs, transportation, housing, and industry planning and trade.



history



History—Is It For You?

Historians explore the diversity and complexity of human experience from ancient societies to the 21st century. By engaging with historical debates, documents, artifacts, stories and digital media, you'll explore the ideas, people and events of the past and consider their continued impact on the modern world. Ryerson History graduates will understand the past and develop the analytical and communications skills they need to shape the future.

Experience

Practical Training: You can earn experiential learning credits for work placements, internships and other professional opportunities. You can also take courses in Heritage Management, which open doors to careers in museums, historic sites and heritage agencies.

Global learning: Participate in international exchange programs that increase your skills and enhance your understanding of diverse social and cultural practices.

Workplace Readiness: Develop research and analytical skills, cultural awareness and communications expertise that are essential to success in a wide range of careers and help you become an active citizen in global society.

Student Groups: Build your peer network, hone your leadership skills and make connections through the Ryerson History Society and other campus and community organizations.

Classes

- In your first year, take courses common to the Criminology, English, Environment and Urban Sustainability, Geographic Analysis, Philosophy, Politics and Governance, Psychology and Sociology programs. You will also choose two foundational history courses that introduce you to people, places and ideas across time and around the world.
- In your second year, you will begin taking specially designed courses in the ‘Historian’s Craft.’ These classes introduce you to the ways history has been used – and abused – and help you build a strong foundation in historical methods, critical thinking and communication skills. You will also choose electives in history and other fields to customize your learning.
- In your third and fourth years, you will take advanced history courses, capstone seminars, and more specialized courses that give you the skills to work with both traditional and contemporary historical sources such as oral traditions, material objects and digital media. And you can choose to apply your learning through a work placement, or to study Heritage Management as a foundation for careers in museums, historic sites and heritage agencies.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in the creative industries, business, government, public relations, international agencies or non-governmental organizations, national defence or the heritage sector.
- Become a professional researcher in fields such as media, film, law and heritage.
- Use your degree as a springboard for postgraduate studies in history or in related fields such as law, teaching, global studies, information management, or museum and archival studies.

international economics and finance

International Economics and Finance—Is It For You?

Economics is a global game with high stakes, and its key players have the expertise and insights to score big in business and finance. Practitioners in this dynamic and fast-paced field have a keen understanding of the interconnectedness of worldwide markets. What's more, these professionals possess financial insights and expertise that are in demand among businesses and governments. In our often volatile economic times, Ryerson graduates are leaders when it comes to making strategic business decisions from an informed global perspective.

Experience

Work Placements: Gain professional experience and make industry contacts through local or international internships at major financial institutions, government agencies and international organizations.

Practical Learning: Build in-depth knowledge, perfect skills that are transferable to the workplace and gain practical experience.

Classes

- The program provides solid training in both economics and finance, with an emphasis on international issues.
- Economics courses include required courses in microeconomics, macroeconomics, and international economics, along with elective courses in areas such as labour economics, environmental economics and game theory.
- Finance courses include core courses in managerial finance and investment analysis along with specialized courses on topics such as derivative securities, international financial markets and country risk analysis.
- Courses in mathematics and statistics provide the quantitative tools used in advanced courses in economics and finance.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Our graduates have found initial employment as financial, business and policy analysts in areas such as investment banking, marketing intelligence and government.
- Pursue a graduate degree in economics, business (master of business administration), health policy or law, or a professional designation in finance (CFA) or accounting (CPA).



philosophy



Philosophy—Is It For You?

What is the purpose of life? What are our obligations to each other and the environment? What is the true nature of human knowledge, beauty, power and God? These are some of the fundamental questions of philosophy that have been contemplated for centuries by thinkers wanting to understand the meaning of human existence and to solve social problems. Ryerson graduates from this creative and reflective humanities discipline will have the intellectual insights and the analytical, critical-thinking, abstract-reasoning and problem-solving skills to excel in a variety of professional careers in our knowledge-based economy.

Experience

Practical Instruction: Learn about the connection between philosophical knowledge and professional life through capstone courses.

Diverse Learning Formats: Your curriculum will be delivered through a variety of modes, such as experiential learning, independent and group study, group discussion, public dialogue and lecturing.

Speaker Series: Public lectures will feature today's leading thinkers discussing ethics topics such as branding and intellectual property, indigenous governance and rights to water.

Extracurricular Engagement: Connect with other inquiring minds and explore different philosophical theories by participating in Ryerson's Philosophy Club.

Classes

- In your first year, take courses common to the Criminology, English, Environment and Urban Sustainability, Geographic Analysis, History, Politics and Governance, Psychology and Sociology programs. You will also choose two foundational philosophy courses from the following: Plato and the Roots of Western Philosophy, Problems in Philosophy, Philosophy of Human Nature, and Existentialism and Art and Culture.
- You will take two additional foundational courses in your second year to gain a solid familiarity with classic philosophy texts.
- Your third and fourth years will include two to four small-enrolment program seminars. These, in turn, will promote your understanding of philosophical concepts.
- Multiple liberal studies courses offered throughout the program will complement your core learning.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Pursue career opportunities with employers in the public, private and non-profit sectors that value critical analysis and problem-solving skills.
- Advance your education through Ryerson's master of arts in Philosophy, a two-year program that offers thesis and major research paper streams.

politics and governance



Politics and Governance—Is It For You?

Our way of life is shaped by the rules of government—but how do we decide on the best way to manage ourselves and our society? What is the value of good governance, and how does that relate to social justice, democracy, citizenship and human rights? These are the fundamental questions of politics—the study of how people, cities and countries organize themselves, and the roles that public, private and non-profit groups play in this process. In our increasingly complex and rapidly changing urban world, Ryerson graduates have the knowledge and leadership skills to help address our social, economic, environmental and governmental challenges.

Experience

Field Training: Connect classroom concepts with community governance issues by volunteering for a local organization.

Experiential Learning: Apply lessons from courses to in-class simulations of real political processes and engage in off-campus activities that challenge you to apply your learning in the community.

Community Projects: Faculty of Arts students have the opportunity to participate in programs through the Student Experience Centre, which provide course-based and co-curricular activities designed to ensure high quality and mutually beneficial experiences for both students and the community.

Workplace Readiness: Develop skills that are essential to success in your field, such as thinking critically, communicating effectively, and designing and analyzing research.

Global Learning: Participate in an international exchange program to broaden your understanding of politics outside of Canada and strengthen your understanding of the international system and international events that shape our lives.

Classes

- In your first year, take courses common to the Criminology, English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Psychology and Sociology programs. Core courses in your program will focus on introductory politics, and citizen participation in government. You will also take social sciences and humanities courses, and electives in areas such as theatre, music, math, business and science.
- Second year studies include seven required courses (such as Power and Authority in Canada, Controversial Policy Topics, Global Governance and Western Political Thought) plus three electives from a broad range of liberal studies and professionally related electives.
- In years three and four, choose 10 professional courses within five thematic categories: Canadian, Policy, Global, Comparative and Theory, and eight electives from a broad range of liberal studies and professionally related electives.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work for private companies, government departments or non-profit organizations.
- Play a pivotal role in addressing management and governance issues for local, national or international organizations.
- Pursue further education in the fields of law or education, or engage in graduate studies in social science, political science, public administration, public policy, public management or business.

psychology



Students in the Psychology program have the opportunity to participate in a wide range of research endeavors. Here, the voice-activated 'BabyVibe' vest is being tested on a 10-month-old baby as part of a study on vibrotactile stimulation.

Psychology—Is It For You?

Why do we think, feel and behave the way we do? It's the primary question of psychology, a fascinating scientific discipline that generates deep insights into the workings of our brains, bodies and inner selves. Drawing on a wide range of theoretical perspectives, major concepts and research methods, psychology students explore the connection between mental health and brain functioning, memory and decision-making, and the perception of sights, sounds and other sensations. The field of psychology also explores issues such as lifespan development, the roles of exercise and diet in a healthy lifestyle, psychological disorders and their treatment, as well as gender, sexuality, culture, diversity and many more.

Experience

Research Opportunities: Develop advanced knowledge and skills in a particular area of psychology by pursuing paid or voluntary research positions, participating in a study, or joining a Research Interest Group.

Thesis Assignment: Explore a particular area of psychology in depth by completing an optional thesis project.

Workplace Readiness: Develop skills that are essential to success in the workforce, such as thinking critically, communicating effectively, interpreting and conducting research, working in teams, and understanding written, graphic and computer communications.

Student Group: Enhance your skills, develop your peer network and stay current on trends in the field by getting involved in Ryerson's Psychology Students' Association.

Classes

- In your first year, take courses common to the Criminology, English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, and Sociology programs. You will also take courses in the fundamentals of psychology, and choose from a variety of courses in science, business, news studies, law, French, Spanish and film studies.
- Your studies in second, third and fourth year will delve deeper into psychological theories and research methods with courses in aging and memory, childhood and adult psychological disorders, drugs and addictions, the history of psychology, cultural diversity, gender, sexuality, psychology and law, neuroscience and more. You will also explore other subject areas and take professionally related electives.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in public or private settings, independent practice or academia.
- Pursue roles in rehabilitation counselling, psychogeriatric case management, addictions support, assessment and treatment of young offenders, and learning and disability support.
- Explore opportunities in fields such as sports science, media development, computer application design, human resources management, pharmaceutical development, policy analysis, conflict mediation and human factors engineering.
- Complete advanced studies in medicine, law, nutrition and health, speech pathology and audiology, physiotherapy, kinesiology, education or business.

public administration and governance



Public Administration and Governance—Is It For You?

At the heart of effective governments are public administration professionals who develop and manage the programs and initiatives that shape our lives. Practitioners in public sector management create and implement policies and evaluate their success to ensure citizens' needs are being met. Ryerson graduates use their sophisticated understanding of policy and administration to make a meaningful difference in Canada's society, economy, environment and governance.

Experience

Relevant Curriculum: Your curriculum will reflect the latest developments in public sector issues and initiatives, emphasize the relevance of theory to the practice of public administration, and underscore the lifelong learning strategies required to thrive in this sector.

Engaged Instructors: You will learn from scholars who pursue research activities in the field on a full-time basis, and senior public servants who combine an interest in theory with a wealth of public-sector experience.

Comprehensive Learning: You can complete a minor in Accounting, Criminal Justice, Economics, Human Resources Management, Information Technology Management or Psychology to gain a competitive advantage in the public sector.

Classes

This part-time program features evening classes and online distance education.

Certificate in Public Administration and Governance: Take eight courses: two on public administration, one on human rights and equality, two on political concepts specific to Canada, and three other courses. This certificate is the first level of the degree program.

Advanced Certificate in Public Administration and Governance: Build on the first certificate with eight more courses that focus on the policy-making process, and the challenges of public administration, especially in light of economic transformations. This certificate is the second level of the degree program.

Bachelor of Arts in Public Administration and Governance: Build on the above Certificate and Advanced Certificate programs by taking a further 24 courses in subjects such as e-government, program evaluation, intergovernmental affairs and financial management.

Program options for fire services personnel and First Nations administrators:

Courses are available to fire services personnel through a partnership with the Office of the Ontario Fire Marshal; and to First Nations administrators, at locations usually in or near their communities, through a partnership with the First Nations Technical Institute. Visit www.ryerson.ca/politics or contact the program administrator for further details.

Post-Baccalaureate Certificate in Public Administration and Leadership: If you already have an undergraduate degree in any field, you can enrol in this six-course certificate program to deepen your understanding of the key aspects of public sector management. Visit www.ryerson.ca/ce/pal for more information.

After Graduation

- Work for the federal, provincial or municipal government, social service agencies, or other public or non-profit organizations.
- Engage in further studies through professional programs in law or teaching, or pursue an advanced degree in the social sciences.

sociology



Sociology—Is It For You?

We shape society, and society shapes us—and sociologists explain how this happens and what it means for different groups of people. Students in this engaging and practical field study how societies work by critically examining power and inequalities, social institutions, cultural beliefs and values, and taken for granted practices. Sociologists explore the social world; why things stay the same and how we achieve social change.

Experience

Community Projects: The Sociology Department is a leader in community-engaged learning. In many courses, you may participate in hands-on educational experiences in the local, urban community. The Faculty of Arts Student Experience Centre also provides students with opportunities to explore new and innovative ways of learning.

Ideal Setting: Ryerson's location in vibrant, culturally-diverse downtown Toronto allows you to directly link academic study to timely, real-world issues and problems. The city itself is a social laboratory.

Workplace Readiness: A degree in Sociology helps you to develop skills that are essential to career success: critical thinking, research design and analysis, media literacy and effective communication to diverse audiences.

Thesis Project: You may apply sociological theories and research methods in a close examination of a specific topic of interest. This is an optional independent research project for senior students.

Global Learning: You may choose to participate in an international exchange program to strengthen your skills, broaden cultural awareness, develop global networks and apply sociological concepts and practices.

Student Group: You can enhance your interpersonal and professional skills, develop peer networks, and become active in the campus community through involvement in groups such as the Ryerson Sociology Student Union.

Classes

- In first year, you will take courses common to the Criminology, English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, and Psychology programs. Your sociology courses will focus on economic and political developments, social trends, cultural beliefs, popular culture and families and relationships.
- Your second-year studies will address diversity—the meaning of social class, sex/gender, racial/ethnic background, (dis)ability and sexualities in individual lives and society, generally. You will also learn more about the theoretical ideas used to describe society, in addition to social scientific research methods, including statistics.
- In your third and fourth years, you will explore topics such as globalization, work and labour, immigration and citizenship, the entertainment industry, social networks, and the lives of children and youth. Research projects provide the opportunity to learn more about the world.
- Complement your core learning with professionally related courses in areas such as business, marketing, program evaluation, communications, journalism and law.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Use your practical and analytical skills in a range of fields that prioritize people, communities, cultures and institutions.
- Work in community development, social service agencies, government, human resources, public relations, media analysis, marketing, research, teaching, entrepreneurship and the arts.
- Complete graduate studies in sociology or related fields, or pursue a professional program in education, business or law.

undeclared arts

Undeclared Arts—Is It For You?

Undeclared Arts is a one-year entry option that allows you time to explore program areas in the social sciences and humanities before applying to transfer to the one you wish to pursue as your major.

Prepare for your career and for life with the unique strengths that come from a social sciences and humanities education: sharp social perception, research capabilities, creative thinking, problem-solving abilities and communication skills. Your liberal arts education at Ryerson will feature practical, relevant learning to make you well-rounded, informed and highly employable. You will learn about traditional and contemporary ideas and theories, and how complex philosophies apply in professional and personal contexts.

Classes

As a first-year Undeclared Arts student, you will:

- Explore your nine program transfer options by choosing foundation courses in Criminology, English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, Psychology and Sociology.
- Develop essential competencies to succeed in university and in your career by taking two required courses – Academic Writing and Research, and Critical Thinking.
- Choose electives from a wide range of areas, including business, the natural sciences, news studies, law, French, Spanish and film studies—many of which can lead to a minor.

Program Transfer

By February of your second semester, you must apply to transfer to one of the nine programs. You cannot remain Undeclared past second semester. Program transfers are considered on a competitive basis and are subject to program capacity. All of your completed courses will be credited to your new program.

For more information:

CRIMINOLOGY, page 15
www.ryerson.ca/criminology

ENGLISH, page 16
www.ryerson.ca/english

ENVIRONMENT AND URBAN SUSTAINABILITY, page 17
www.ryerson.ca/geography/eus

GEOGRAPHIC ANALYSIS, page 18
www.ryerson.ca/geography

HISTORY, page 19
www.ryerson.ca/history

PHILOSOPHY, page 21
www.ryerson.ca/philosophy

POLITICS AND GOVERNANCE, page 22
www.ryerson.ca/politics

PSYCHOLOGY, page 23
www.ryerson.ca/psychology

SOCIOLOGY, page 25
www.ryerson.ca/sociology



The Faculty of Arts Student Experience Centre offers a wide range of programs and services to help students make lasting connections, get engaged in campus and community life, learn through real-world experiences, and achieve their academic, personal and career goals.

Visit www.ryerson.ca/arts/sec for more information.





"I came to Ryerson in 2002 as a small-town 17-year-old, with some minor experience writing a teen column for my local paper. Four years later, I walked out of the classroom and into the Toronto Star's newsroom, prepared and confident I could do the job. That's what Ryerson will do you for you."

Robyn Doolittle
Journalism '06
Reporter, National News Investigative Team,
Globe and Mail



FACULTY OF COMMUNICATION + DESIGN

To be part of the Faculty of Communication & Design is to be part of a unique and vibrant community. Recognized as creators, change-makers and entrepreneurs, our faculty and graduates are leading the future of communications, the creative professions, and the cultural industries. Our programs, many of which are one-of-a-kind in Canada or have been identified as top in their field both nationally and internationally, attract talented students from across Canada and around the world.

- 30 Creative Industries
- 31 Fashion Communication
- 32 Fashion Design
- 33 Graphic Communications Management
- 34 Image Arts: Film Studies
- 35 Image Arts: Photography Studies
- 36 Interior Design
- 37 Journalism
- 38 Performance Acting
- 39 Performance Dance
- 40 Performance Production
- 41 Professional Communication
- 43 Media Production
- 44 New Media
- 45 Sport Media



creative industries

Creative Industries—Is It For You?

Can you envision an entrepreneurial career in media, entertainment, design or the visual and performing arts? Are you excited to learn how the creative process functions in diverse organizations and how new technology is reshaping what they do and how they do it? Would you like to work with artists of all types to transform creative ideas into a variety of cultural products and services, from television shows and films to music recordings and ebooks? Do you want to acquire solid business, communication and management skills and apply these to one of the most dynamic sectors of our economy? If so, then Ryerson's interdisciplinary program in Creative Industries—the first program of its kind in Canada—is the place for you.

Experience

Interdisciplinary Learning: Enjoy the freedom to select courses from all of the Faculty of Communication & Design's prestigious professional schools: Fashion, Graphic Communications Management, Image Arts, Interior Design, Journalism, Professional Communication, RTA School of Media, and Theatre.

Business Concentration: Complete a specially developed suite of business courses designed and delivered by the Ted Rogers School of Management for Creative Industries program students.

Work Placements: Put what you have learned in the classroom into practice through internships at companies involved in the creative industries.

Practical Project: Apply classroom concepts through a capstone project that builds upon your work placement to examine the operations and strategic directions of an actual creative industries organization.

Modern Facilities: Learn through project work in well-equipped facilities that include the state-of-the-art Rogers Communications Centre, the modern high-tech HEIDELBERG Centre, and our gallery and research centre, the Ryerson Image Centre.

Extracurricular Engagement: Stay current on trends and issues in the creative industries through lectures, seminars, exhibitions, performances and other special events organized by the Faculty of Communication & Design.

Classes

- Creative-content modules are a unique and innovative feature of the program. You'll select two of these six-course modules from a long list that includes publishing, the music industry, news media, fashion, film, interior design, performance studies, broadcasting, communication and curatorial practices.
- In your first year you'll be introduced to the creative industries and interdisciplinary study and take foundational courses in communication, business, the digital economy and the creative city. You'll also select your first creative-content module and take the first two courses in the module.
- In your second and third years you'll explore possible career paths as you pursue studies in two creative modules while undertaking core courses in digital design, entrepreneurship, communication and business. An exciting third-year course, *The Creative Process*, will explore how creative ideas happen and how creativity can be fostered in teams and enterprises.
- Fourth-year courses focus on collaboration, negotiation, teamwork, research skills, human resources and managing the creative enterprise. As you complete your company internship, you'll apply your experience to a capstone project that integrates all you have learned at Ryerson.
- Choose from a variety of Liberal Studies courses, as well as creative industries and open elective courses, to complement your core learning.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Apply your artistic knowledge and business skills to employment in a broad spectrum of creative enterprises engaged in such areas as print or electronic media, live entertainment and performance, heritage and visual arts, or design and advertising.
- Pursue roles in programming, exhibition, production, promotion, distribution, project development, communication or management.
- Use the bachelor of arts degree as a springboard to further studies in law, business or education, or build upon the creative studies you've completed by taking a professional master's degree in such areas as media production, film, journalism, fashion or communication.



fashion communication



Fashion Communication—Is It For You?

In the vibrant and creative world of fashion, it takes the right messages for the latest runway creations to strike a chord on Main Street. Drawing on their considerable industry knowledge, communication expertise and passion for fashion, Ryerson graduates in this exciting field bring the latest trends to life in our culture and our imaginations. From advertising campaigns to art exhibits to art direction to magazine stories and images, the work of fashion communicators informs, engages and inspires the public in many ways.

Experience

For over 60 years, the School of Fashion has been developing fashion professionals. The School is a member of the International Foundation of Fashion Technology Institutes (IFFTI), and is counted as one of the top undergraduate fashion schools worldwide. The program offers:

Work Placement: Gain first-hand experience and make valuable employment contacts in the fashion industry through a 400-hour internship in a fashion-sector business.

Fashion Show: Take part in Mass Exodus, North America's largest student-run fashion event by working on its production in your third year, or display your final thesis project in fourth year.

Hands-on Research: The Fashion Research Collection provides students with access to a collection of more than 3,000 artifacts reflecting significant periods of clothing design, construction and evolution.

Global Learning: Expand your knowledge of fashion concepts and practices by participating in an international exchange program.

Classes

- In your first year, take foundation courses common to all fashion students to gain general knowledge and skills related to the fashion industry. Introductory studies will focus on art history, textiles, clothing construction and pattern-making, design and colour, and fashion drawing. Liberal studies courses will help round out your learning.
- Starting in second year, you will specialize in fashion communication, taking courses in communication design, illustration, typography, curation and exhibition, photography, video production and fashion journalism. Business courses will include marketing, business, communication, fashion in international markets, and fashion and society.
- Choose from a variety of electives to help you achieve your academic and career objectives.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in advertising, branding, marketing, public relations, digital media, event management, graphic communications, journalism, product development, styling, display, retail management, retail buying, fashion editorial, production or art direction.
- Pursue graduate studies, such as Ryerson's master of arts degree in Fashion—the first program of its kind in Canada.

fashion design



Fashion Design—Is It For You?

Fabrics, colours, patterns, styles—they are the raw elements of fashion that designers, using their creative intelligence, transform into beautiful and imaginative clothing and accessories. Ryerson graduates channel their artistic flair, technical know-how and business savvy into viable careers in the fashion industry. Practitioners in this dynamic field create haute couture, ready-to-wear or mass-market apparel, play roles in fashion management or marketing, and use their expertise in a variety of design-related roles.

Experience

For over 60 years, the School of Fashion has been developing fashion professionals. The school is a member of the International Foundation of Fashion Technology Institutes (IFFTI), and counted as one of the top undergraduate fashion schools worldwide. The program offers:

Work Placement: Gain first-hand experience and make valuable employment contacts in the fashion industry through a 400-hour internship in a fashion-sector business.

Practical Learning: Work with some of Canada's most noted designers to develop your own apparel collection, which is shown at annual year-end fashion events—including North America's largest student-run fashion event, Mass Exodus—and critiqued by industry buyers and manufacturers.

Hands-on Research: The Fashion Research Collection provides students with access to a collection of more than 3,000 artifacts reflecting significant periods of clothing design, construction and evolution.

Global Learning: Expand your knowledge of fashion concepts and practices by participating in an international exchange program.

Classes

- In your first year, take foundation courses common to all fashion students to gain general knowledge and skills related to the fashion industry. Introductory studies will focus on art history, textiles, clothing construction and pattern-making, design and colour, and fashion drawing. Liberal studies courses will help round out your learning.
- Starting in second year, you will specialize in fashion design. In third and fourth years, you will take core courses in intermediate and advanced apparel design, computer-aided design, tailoring, production management, fashion and society, international marketing, grading and materials management.
- Choose from a variety of elective courses to focus on subjects such as contour and knitwear design, theatre/historical costume, surface (textile) design, and curation and exhibition.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Explore opportunities in fashion design and manufacturing; product development and illustration; costume for theatre, film and video production; accessory design; home furnishing design; styling; and curatorial, museum and conservation work.
- Pursue graduate studies, such as Ryerson's master of arts degree in Fashion—the first program of its kind in Canada.

graphic communications management

Graphic Communications Management—Is It For You?

Graphic communication surrounds us—every day, we use printed products: signs, display graphics, direct marketing materials, and packaging for food, personal care products and electronics. Ryerson graduates in this innovative field are professional managers who have business savvy, an eye for design and an understanding of graphic technology. Whether working in the packaging field or at a multinational media company, these professionals know how to turn bright ideas into creative concepts that inform, engage and inspire. These decision-makers use their extensive expertise to facilitate consumer product packaging, secure packaging, security printing, document management and other print- and cross-media products and services.

Experience

As Canada's only four-year degree program for future managers in the printing industries, this program provides a diverse range of learning experiences, including:

Work Placement: A summer internship at a graphic communications or allied industry workplace provides valuable field experience and career-building opportunities.

Up-to-date Facilities: Learn in the HEIDELBERG Centre, a dedicated \$10-million facility with state-of-the-art software, hardware, printing and post-press equipment.

Hands-on Learning: In specialized high-tech labs, you will learn by doing as you practise layout, premedia, print and bindery.

Job Connections: Enhance your career prospects by connecting with leading employers in the field through industry events, annual job fairs and an online job board.

Industry Access: Learn more about the field and interact with industry professionals through guest speaker presentations, plant tours, competitions, conferences and special events.

Student Groups: Enhance your training, boost your industry knowledge and build your professional network by participating in a variety of student organizations.

"Our students value their frequent interaction with working professionals. Ryerson's downtown location means that leaders in business, industry and creative fields are literally on our doorstep. It's amazing how welcoming industry is of our students. By the time our graduates enter the workforce, they're already part of the professional community."

Ian Baitz, BTech, BEd, MEd
Chair and Associate Professor,
Graphic Communications Management

Classes

- In years one and two, learn about the general business and technical aspects of the industry with courses in electronic premedia, printing processes, layout and typography, marketing principles, document design, and binding and finishing.
- Take your knowledge and skills to the next level in years three and four with advanced courses in estimating, selling and management.
- A broad range of elective courses in the humanities and social sciences will cultivate your creative and critical-thinking skills.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Explore employment opportunities at commercial printing companies, prepress facilities, packaging and label-printing companies, equipment manufacturers, software suppliers, consumable material vendors, design firms, advertising agencies and print brokers.
- Pursue roles such as production co-ordinator, sales trainee, planner, production controller and estimator, or co-ordinator or buyer for Canadian media companies, magazines, financial institutions and manufacturing plants.
- Enhance career prospects by pursuing a master's degree in business, management, education or the science of print media.



image arts: film studies



The Ryerson University Film Festival (RUFF) showcases the thesis films of the School of Image Arts' film students, giving them an opportunity to network and screen their work in a public and professional setting.

FIRECRACKERS
Director: Jasmin Mozaffari
Producer: Caitlin Graham

Film Studies—Is It For You?

If you choose the world-class Ryerson film program you will learn visual and storytelling skills that will lead you to be able to make short and long films: documentaries, fiction films and experimental films. You will learn by doing, working with your classmates in a studio setting to produce professional-level work. You will gain experience in all aspects and areas of filmmaking: cinematography, sound, editing, art direction, writing, producing and directing. You will be immersed in the study of the film and visual culture through a variety of lecture courses in history, theory and contemporary art practices.

Experience

Run by Ryerson's School of Image Arts, which was established in 1948 and is the oldest and most prestigious in Canada, this program offers:

Work Placement: Build your practical experience and make valuable career contacts by completing an internship at a company in the film industry.

Hands-on Training: Enjoy ongoing opportunities to apply classroom learning by contributing to the making of short films and videos in each year of your program.

Thesis Project: In your final year, you will be involved in several professional level productions to put what you have learned about film theories, technologies and practices into action by either directing or producing your own film or focusing intensively on one of film's specialized creative positions. These productions form your "show reel" to present to future employers.

Leading-edge Facilities: The film production facilities include an array of digital and film cameras, editing suites, a full-size sound stage, sound mixing and post-production recording studio.

Comprehensive Materials: You'll have access to an extensive 16 mm and DVD collection at the Ryerson library, access to the study centre at the Ryerson Image Centre and be in close proximity to the TIFF Bell Lightbox.

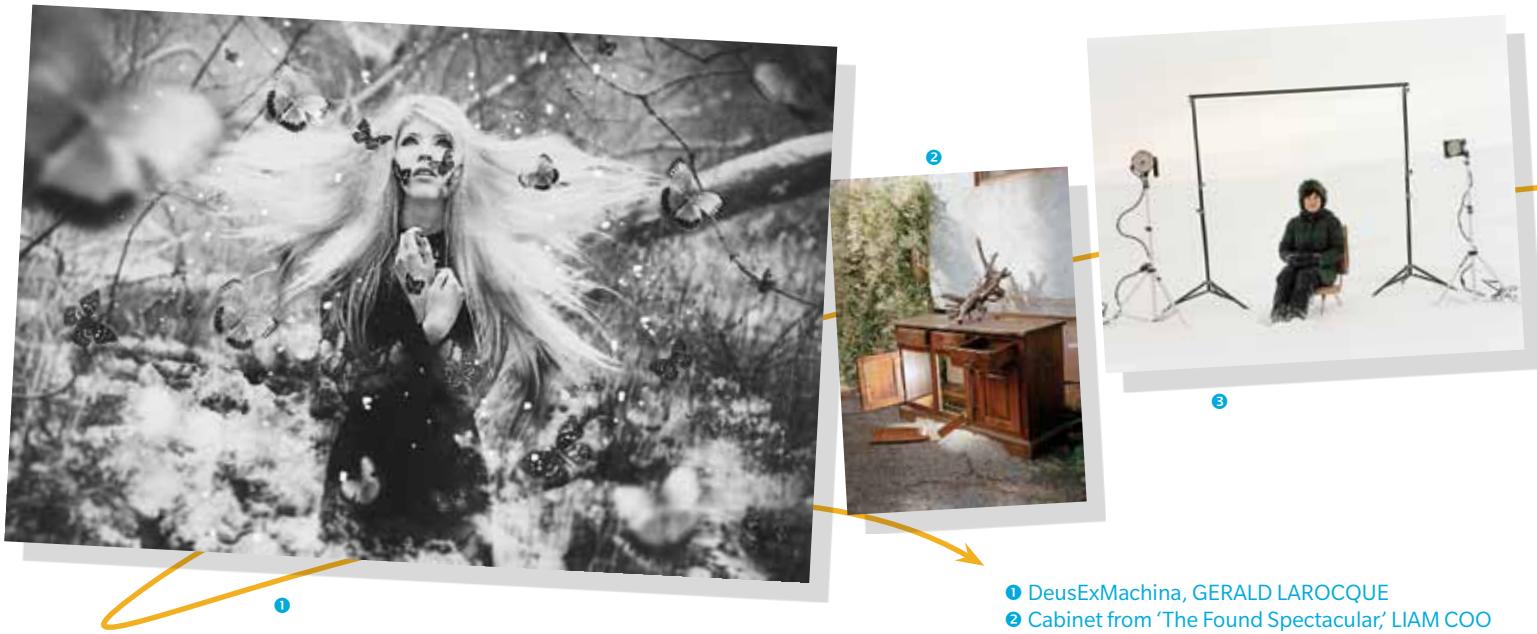
Classes

- Take courses in writing, directing, cinematography, production design, editing and more.
- Study the entire spectrum of film genres, from fiction to documentary, experimental to animation.
- Become deeply immersed in the history and theory of the film medium.
- Learn about shot composition, working with actors, building narrative tension, principles of design and documenting the world around you.
- An Integrated Digital (ID) Option is available to film studies students starting in the third year of the program. The ID Option is comprised of studio and lecture courses in contemporary and cutting-edge image-based media and visual studies. You'll be able to expand your creative and analytical skills beyond the borders of film. Areas such as multi-channel video, titling, special effects, web-based image making and interactive book design are among the many cross-platform, interactive art practices offered.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work as an independent filmmaker or crew member on film industry productions. Films made by Image Arts graduates have won prizes and played at major festivals around the world. In 2013, two films made in the School were listed in the Top Ten Canadian shorts.
- Explore support positions in production management, sound, camera, assistant direction and art departments.
- Engage in advanced studies through a graduate program in film or a related field.

image arts: photography studies



① DeusExMachina, GERALD LAROCQUE
② Cabinet from 'The Found Spectacular' LIAM COO
③ Kathleen, from 'Take A Seat,' MARY ANDERSON

Photography Studies—Is It For You?

Everywhere you look there are photographs. A photo has the power to convey complex meaning, stir emotions and spark conversation. In Photography Studies, the focus is on using the theories and techniques of the craft, along with a healthy dose of imagination, to create images that compel, provoke and inspire viewers. Today, the practice of photography has expanded to include web tools, video and sound. This program embraces both old and new technology to teach you how to turn your photography into art. Ryerson graduates find work as photographers and make a valuable contribution to Canada's visual art practice.

Experience

Run by Ryerson's School of Image Arts, which was established in 1948 and is the oldest and most prestigious in Canada, this program offers:

Work Placement: Build your practical experience and make valuable career contacts by completing an internship at a company involved in photographic services.

Practical Assignments: Complete photography projects in such forms as exhibitions, books, magazines, short films, digital media and site-specific installations.

Independent Project: A self-directed project enables you to create a conceptual and visual production of images that will be displayed to the public.

Leading-edge Facilities: Enjoy access to one of North America's largest photo production facilities, which features extensive areas and equipment for analog and digital image-making. The School of Image Arts itself houses the Ryerson Image Centre, which contains the world-renowned Black Star Collection.

Global Learning: Expand your knowledge of photography theories and practices by participating in an international exchange program.

Comprehensive Materials: With Canada's largest teaching collection of film, photography and new media materials, the School of Image Arts enables you to put classroom learning into context.

Classes

- Learn about everything from historical photographic processes, to contemporary print-based media, to advanced electronic applications in imaging.
- Take courses in production, tools and applications, theories of representation, technology and photography critique.
- Develop your personal photographic style and vision in an intensive production environment using photography and multiple tools to create and disseminate images.
- Participate in the production of Function, the photography magazine; help organize a lecture series; and take part in the end-of-year show Maximum Exposure.
- An Integrated Digital (ID) Option is available to photography studies students starting in the third year of the program. The ID Option is comprised of studio and lecture courses in contemporary and cutting-edge image-based media and visual studies. You'll be able to expand your creative and analytical skills beyond the borders of photography. Areas such as multi-channel video, titling, special effects, web-based image making and interactive book design are among the many cross-platform, interactive art practices offered.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in a wide range of established and emerging professional fields that involve the lens-based image.
- Pursue roles in fashion, sports, travel, journalism, advertising/marketing, photographic research and production, conservation, arts administration, visual arts and digital imaging.
- Complete graduate studies in the fine arts, cultural studies, communications, digital media, or Ryerson's program in Photographic Preservation and Collections Management.

interior design



Interior Design—Is It For You?

The best spaces are both practical and beautiful, and interior designers excel at striking the right balance between both qualities to optimize where we live, work and play. Ryerson graduates in this innovative field use their expertise and creativity to improve the technological, aesthetic, ideological, environmental, cultural and social dimensions of built environments. These talented professionals play a role in enhancing almost every imaginable interior setting—from corporate offices and shopping centres to restaurants, hotels, hospitals and residences. Practitioners influence everything from interior architectural development, to colours and finishes, to lighting and textures, always with the ultimate goal of creating a perfect marriage between form and function.

Accreditation

The Interior Design program is accredited by the Council for Interior Design Accreditation (CIDA). CIDA establishes academic standards and recognizes accredited programs to help prepare students for a path to professional practice. Graduates of the Interior Design program are eligible to pursue professional membership with the Association of Registered Interior Designers of Ontario (ARIDO).

Experience

Work Placement: Gain first-hand experience and make valuable employment contacts in the design industry through a 400-hour internship at an interior design office.

Practical Learning: A variety of learning formats, including field trips, weekend projects and seminars, reinforce core concepts and provide new insights.

Global Learning: Expand your knowledge of interior design concepts and practices by participating in an international exchange program.

Design Show: Display your designs to the public at an annual year-end show that provides valuable exposure and career networking opportunities.

Industry Recognition: Ryerson's School of Interior Design was named by AZURE magazine as one of the best three schools of its kind in the world. Consistently in demand by design employers, program graduates have such credits to their name as Holt Renfrew, Tiffany & Co., Capezio Shoes, Stratus Winery and the Hazelton Hotel.

Classes

- Learn about theoretical principles required to develop holistic spatial solutions. Study environmental behaviour; place-making; colour psychology; the elements and principles of design; the language of drafting and visual communication (hand-drawn and computer-generated); the historical and social influences of art, architecture and design; and global perspectives and environmental responsibility issues.
- Build relevant business skills such as supporting clients' needs, developing a business plan, contributing to an enterprise's profitability, and learn about global business practices.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work at independent consulting firms that design offices, retail centres, hospitality facilities, hospitals and homes.
- Join the interior design team of a large organization such as a department store or an insurance company.
- Following experiences at firms, you can start your own design office.
- Explore opportunities in related areas such as marketing, promotion, facility management, development, exhibition design, set design and television.

journalism

Journalism—Is It For You?

Behind every informative, insightful and engaging news story is a journalist who has gone in search of the truth. The current events, issues and trends that affect our lives are researched, organized and put into context by professionals who present facts and analysis in meaningful ways. Ryerson graduates in this exciting field excel at using established newsgathering techniques to report news in formats such as text, audio, video and photos. Their work appears in multiple mediums—newspapers, magazines, television, radio, blogs, national and international news websites, Twitter, Facebook—and is consumed on a computer, tablet or smartphone. In an age swirling with rumours and misinformation, journalists are more essential than ever for presenting an accurate picture of our world.

Experience

Work Placement: Build your practical experience and make valuable career contacts in journalism by completing a six-week internship in a professional newsroom or media setting.

Leading-edge Facilities: Hone your skills by using the latest industry software, hardware and studio equipment in the reporting, video, audio and digital production labs at the Rogers Communications Centre.

Hands-on Training: Put your journalism training into action by helping to produce the Ryersonian (the campus weekly) and its various digital platforms, or the Ryerson Review of Journalism, consistently acclaimed across North America as a high-quality student-run magazine and website.

Global Learning: Expand your knowledge of journalism concepts and practices by participating in an international exchange program.

Ideal Setting: Ryerson's location in downtown Toronto puts you in close proximity to Canada's largest and leading newspapers, broadcast stations and networks, magazines, news services and web publishers, providing opportunities to learn from and network with accomplished journalists—many of whom serve as guest speakers.



Classes

- Your first year will feature courses in the fundamentals of news reporting and researching, as well as liberal studies courses in the humanities and social sciences to develop the critical thinking skills needed for journalism.
- In your second year, you are introduced to the elements of feature writing as well as the basics of TV production and digital journalism in three separate courses. You also have options to learn more about the history of journalism and media theory and analyze the critical issues that journalists face daily on the job.
- The final two years of your program are all about taking your skills to the next level by choosing from a number of workshops in digital media, TV production, newspaper reporting or feature writing and maximizing your versatility by taking courses in business, arts, international, sports and fashion journalism, as well as photojournalism, ethics and law. You will produce your own print, video, audio and digital news reports and contribute to Ryerson School of Journalism's various publications.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work for TV, radio, newspapers, magazines or digital outlets.
- Use your finely tuned research, critical thinking and communication skills in roles such as government policy, international development or public relations.
- Pursue advanced studies in fields such as law, politics, international relations or information science.

performance acting



Performance Acting—Is It For You?

If all the world's a stage, then graduates of Ryerson's Performance Acting program are among some of its brightest stars. Trained in the theory, skill and business of theatre, professional actors bring to life the ideas, values and cultures of the past and present through sensational dramatic arts performances. Talented, creative and passionate, actors play a vital role in Canada's arts scene.

Experience

Practical Learning: Under the guidance of invited directors, choreographers or other artists, perform in an annual season of theatre and dance productions organized under professional company standards for paying audiences.

Comprehensive Training: Nurture your creative impulse and your personal voice by generating your own works, productions and ventures, including text- and movement-based pieces.

Specialized Seminar: Deepen your understanding of the business side of acting through an independent study seminar on the operation of an arts organization.

Professional Instruction: Develop your acting knowledge and abilities under the guidance of working artists who teach, direct and coach students.

Classes

- Become technically proficient at acting while also studying the business aspects of theatrical productions.
- Study the history of performance and gain a working knowledge of Canadian and international drama, dance and film.

- Develop the fundamentals of theatre including acting, movement and voice, and learn acting approaches such as modern scene-study, mask, classical styles, clown and improvisation. Take courses in movement, stage combat, dance and music instruction, and playwriting.
- Become familiar with the technical aspects of theatre, such as lighting, sound, and set and costume design.
- Learn about the business side of acting, including company regulations and organization, equity rules, contracts, unions and agents.
- Choose from elective courses in musical theatre, audition preparation, pedagogy, Canadian theatre, dance history, text analysis and staging theatrical productions.
- Optional professionally related courses in entrepreneurship, business, human resources, marketing and new venture startup provide the skills to turn your ideas into business opportunities, and the confidence to manage your own enterprises.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in stage, film, television, festivals, concerts, education, trade and industrial shows in many venues in Canada, the United States and abroad.
- Start your own theatre venture, company, school or festival.
- Engage in advanced studies by pursuing a postgraduate program in the arts.

performance dance



Performance Dance—Is It For You?

This intensive, conservatory-style, dance training program fully prepares students for professional careers as performers, choreographers and teachers. Ryerson's Dance program is regarded by the professional community as the premier post-secondary dance program in the country, and companies often hire our students directly upon graduating. Focus is on excellence in four disciplines of dance (ballet, modern, jazz and contemporary) with exposure to other art forms and specially designed academic courses that ensure students are versatile, open, contributing artists who can also advocate for themselves and for the arts as a whole.

Experience

Professional Learning: All faculty have had or continue to have extensive, professional performance careers; additionally, students have numerous opportunities to work with professional choreographers and artistic directors of companies.

Performance Opportunities: Perform original works, choreographed by distinguished guest artists and faculty members in an annual production on Ryerson's Mainstage. This show is fully produced with costumes and sets, and is lit by a professional lighting designer.

Comprehensive Training: Nurture your creative impulse and your personal voice by generating your own works, productions and ventures, including text and movement-based pieces.

Practical Workshops and Festivals: Develop and showcase your own dance compositions through an annual choreographic workshop. In your final year, create your own full-length work in collaboration with production students for a festival of "New Voices".

Specialized Seminar: Deepen your understanding of the business side of dance through an independent study seminar on the operation of an arts organization.

Travel Abroad: Our summer course involves performance, training and academic opportunities abroad.

Classes

- Through rigorous daily professional training in ballet, modern, contemporary and jazz you will develop an expert level of technique, virtuosity and presentational skills while also studying the technical and business aspects of dance productions.
- Take courses in dance improvisation, composition, theory, history, music, acting and anatomy. Develop an in-depth understanding of the historical perspective of performance, and a working knowledge of Canadian and international dance, drama and film.
- Become familiar with the technical aspects of dance performances, such as lighting, sound, set and costume design, and how arts organizations operate.
- Choose from elective courses in musical theatre, audition preparation, film, dance history, text analysis and staging theatrical productions.
- Optional professionally related courses in entrepreneurship, business, human resources, marketing and new venture startup provide the skills to turn your ideas into business opportunities, and the confidence to manage your own enterprises.
- A variety of minors are available—see page 94 for more information.

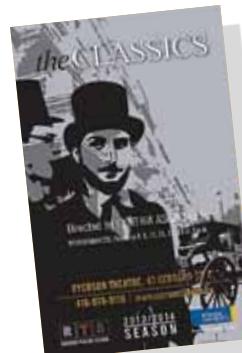
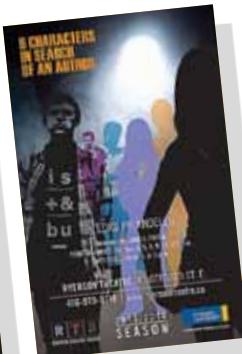
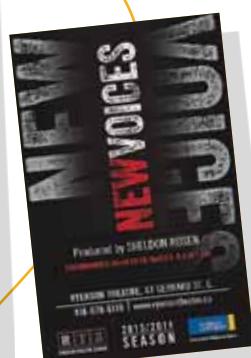
After Graduation

- Work in stage, film, television, festivals, concerts, education, and trade and industrial shows in many venues in Canada, the United States and abroad.
- Explore roles in dancing, choreographing or teaching, or in another professional capacity in theatre.
- Start your own dance venture, company, school or festival.
- Engage in advanced studies by pursuing a postgraduate program in the arts.

performance production

Performance Production—Is It For You?

Actors, dancers and singers may be the stars of the stage, but the ideas and ingenuity of the behind-the-scenes professionals also help bring artistic performances to life. Performance production specialists use their creativity and technical know-how to facilitate the many aspects of a stage show, from sets and props, to lighting and sound, to technical direction and theatre administration. Ryerson graduates in this vibrant field are equipped with the knowledge and skills to make a strong impact on Canada's theatre and music industries.



Experience

Practical Learning: Under the guidance of invited directors, choreographers or other artists, collaborate on an annual season of theatre and dance productions that are organized under professional company standards and performed for paying audiences.

Comprehensive Training: Perform all aspects of production development, including promotions, set design and construction, costumes, props, budgeting, stage management, lighting, sound design and direction.

Insider Experiences: Learn about the inner workings of performance productions through organized tours of theatres and other industry facilities.

Independent Project: In your final year, put your classroom learning into action through a performance initiative of your choosing, for example, directing a play, creating a lighting equipment handbook or developing a business plan for a theatre company.

Classes

- Through performance design courses, build experience in costume, set, lighting and sound design with courses in drawing and drafting, mathematics of light, colour, sound and historical surveys of period style.
- Performance production courses teach set, prop and costume construction, painting, dyeing, maintenance, lighting, and sound installations and operation. Other courses include physics, occupational health and safety, welding, scenic painting, makeup, wiggery, pyrotechnics and theatre rigging.
- Courses in production management focus on technical direction, production management, stage management and theatre administration (including publicity, box office and front-of-house). Others deal with business and financial planning, new venture startup, organizational structure and staffing, labour law, and health and safety.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in stage, film, television, festivals, concerts, education, and trade and industrial shows in many venues in Canada, the United States and abroad.
- Explore roles such as director, lighting or sound technician, set or costume designer, stage manager, teacher or educator.
- Use your bachelor of fine arts as a launching pad to postgraduate fine arts studies.

professional communication



Professional Communication—Is It For You?

Promoting an organization, developing relationships with clients and colleagues, building online communities to inform and persuade—these are some of the tasks you will face as a professional communicator. In our knowledge-based economy, communication specialists enjoy diverse and challenging careers where employers value their abilities to analyse audiences, understand the variety of communication channels and target their messages. As a Professional Communication graduate, your background in theory and practice will provide opportunities to contribute to complex communication strategies involving traditional and new media for a range of business and professional contexts.

Experience

Diverse Approaches to Learning: Enjoy a variety of classroom modes and simulation activities where you will gain in-depth understanding of theoretical and applied communication.

Professional Practice: Participate in course-related experiential learning projects such as working with local organizations to complement academic knowledge and enhance career readiness.

Internship: Gain employability skills and enhance career options through an extended experience in an organization's communications division.

Research Forums: Enhance classroom knowledge by attending presentations that highlight trends and innovations in the exciting communication field.

Leading-edge Technology: Engage in creative assignments that apply theoretical and practical learning in a variety of real-world situations and contexts.

Classes

- In your first year, you will take introductory theory courses to learn about rhetoric, linguistics, semiotics and communication theory, and about the ways text, sound, images and design work together in communication projects.
- In your second and third years, you will focus on communication theories and applications at an advanced level and gain expertise in oral, written and digital modes. You will also learn how to apply communication analysis to areas such as governance, health care, new media, and profit and non-profit organizations.
- In your fourth year, you will apply your analytical skills to providing solutions to issues faced by local industries or organizations.
- Across the program, choose from a selection of elective courses that will widen your core learning.
- You can also deepen your understanding of a professional or societal area by specializing in one of four streams: organizational/corporate/non-profit charitable sector; new media/technical; science/health communication; or governance/public policy/international communication.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in public relations, corporate communications, governance, public policy, project management, research, event planning and website design.
- Pursue a post-graduate degree in law or communications, or Ryerson's master of professional communication, an intensive program that prepares graduates for careers such as public relations, corporate communications, public policy and more.

RTA school of media

Thinking Creating Leading

Since it was established more than 60 years ago, the RTA School of Media at Ryerson University has been Canada's leading production and broadcasting school. The RTA School of Media offers three programs in the areas of media production, art and technology:

BA in Media Production

BFA in New Media

BA in Sport Media

All of these programs are informed by the school's network of media leaders and innovators. The RTA School of Media offers students a highly creative and dynamic environment, ideal in the development of a strong foundation in media production, art and practice. RTA students are also enriched with a broad range of studies in critical media theory, media business and liberal studies. Each program provides students with specialized knowledge and a robust skill set that will allow them to succeed in their chosen area in media while giving access to many shared courses and creative collaboration.



media production



Media Production—Is It For You?

Never has the world of media production been as exciting as it is today, with a wide range of program formats being distributed on television, radio, digital media, interactive, social media and transmedia. Students in the RTA School of Media's Media Production program gain the production skills and theoretical knowledge to competently use all of these platforms, and become adept at producing content in effective and engaging ways. The program covers the art, craft and business of media production and broadcasting so that participants can develop their creative, production and entrepreneurial skills. Students graduate with a strong generalist foundation in media that prepares them for a broad range of careers in the increasingly complex and multilayered media landscape.

Experience

Work Placement: Build your practical experience and make valuable career contacts by completing an internship at a media company.

Leading-edge Facilities: The Rogers Communications Centre features state-of-the-art facilities for producing television, radio, digital, interactive, social and transmedia content. The centre also houses computer labs with the latest image manipulation and creation software, and a fully equipped field production equipment distribution centre.

Global Learning: Expand your knowledge and practices by participating in an international exchange program, including RTA in LA, a two-week intensive program offered in conjunction with the University of California, Los Angeles (UCLA).

Ideal Setting: Ryerson's location in downtown Toronto, the heart of Canada's broadcast industry, provides opportunities to learn from and network with current industry professionals.

For more info and to watch a video on the program, visit www.ryersonrta.com/ba-mediacproduction.

Classes

- In your first year, you will take courses that provide an extensive overview of the broadcast industry and develop your practical skills in audio, video, digital and transmedia production.
- Over the following two years, you will complete a broad range of professional and professionally related media production, theory and business courses that will provide the option to specialize.
- Your fourth year will involve an advanced practicum project, such as a major production or research paper, and an internship with a Canadian or international professional media company.
- Round out your education with liberal studies courses that will help you hone your storytelling skills and grow on an intellectual and personal level.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Explore opportunities in fields such as multimedia, broadcasting, advertising, public relations, education and communication.
- Pursue roles such as writer, producer, director, broadcast executive, entertainment lawyer, journalist, media personality, new media entrepreneur or marketing professional.
- Engage in advanced studies, for example, in the RTA School of Media's master of arts program in Media Production, which could open doors to an academic career.

new media



New Media—Is It For You?

Do you want to be a digital media leader? Are you interested in media art and technology? Do you want to design interactive media or develop your own creative voice as an artist and an innovator? Then Ryerson's New Media program at the RTA School of Media is for you. The program fuses emergent communication technologies with art practice, media production, research and theory. You will define and create the future of media art and media technology as you master the creative, talk the technical and thrive in entrepreneurship. New Media will give you the capacity to pursue and hone your particular interests with a foundation in computer programming, interaction design, gaming and mobile development, interactive storytelling, video and sound production, tangible interfaces, sensors, robotics and wearable computing, experience design, art installations, digital fabrication and 3D printing.

Experience

Experiential Learning: Interact with industry at hackathons and city-wide events such as Nuit Blanche, Maker Faire, or DigiFest. Showcase your work in off-campus exhibits Threshold and META.

Leading-edge Facilities: Set your imagination free in our new Maker Space. Design interactive apps or incubate an idea in the Transmedia Zone. Produce innovative video and audio works, or create immersive interactive installations using our industry grade TV and recording studios.

Global Learning: Expand your knowledge of media art and technology on the global stage by participating in an international exchange program.

Internships: Make valuable industry contacts and gain practical experience by completing an internship at a company involved in media art and technology.

Classes

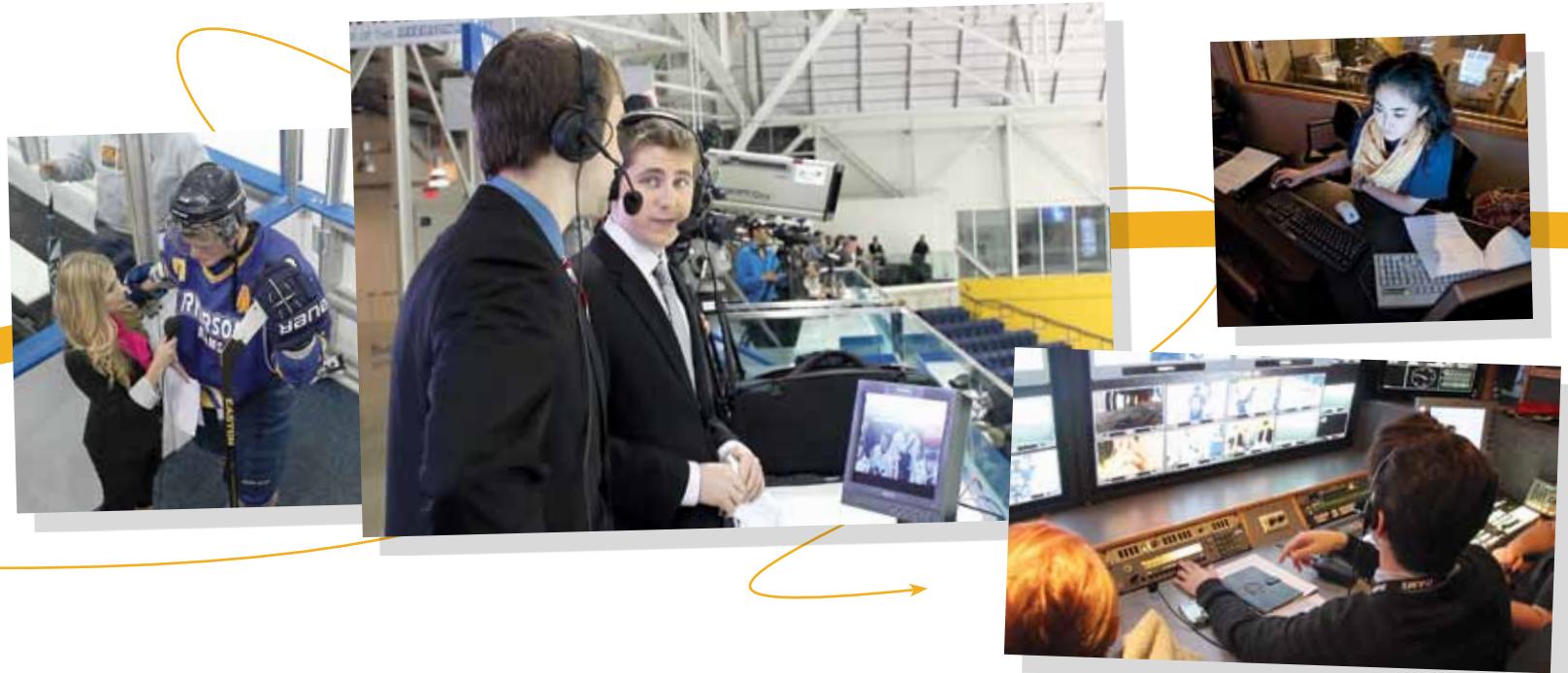
- In your first year, you will take courses that provide you with a broad overview of media art and technology principles and practices such as video and audio production, digital media, computer programming, basic electronics and art history.
- Your second and third years build on this foundation and provide you with an opportunity to choose from a selection of intermediate and advanced courses in each of these areas.
- In your final year, you will work on a high-level thesis project that will involve developing, building, testing, presenting and documenting an original new media production.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Pursue opportunities in many different sectors, at organizations that value flexible, adaptable and innovative media professionals, artists and thinkers.
- Build on your knowledge of new media critical theory through the RTA School of Media's master of arts program in Media Production.
- Start your career as a practicing artist, curator, new media producer, experience designer/developer for industry, entrepreneur or educator.

For more info and to watch a video on the program, visit www.ryersonrta.com/bfa-newmedia.

sport media



Sport Media—Is It For You?

The world of sport media—including game coverage, feature productions, information and news programming and sports marketing—has become more sophisticated and more vast than ever before. Whether on television, radio, mobile devices, live venues or websites, sport media professionals must excel in managing and presenting sports entertainment in exciting and engaging ways. Students in the RTA School of Media's Sport Media program—the first of its kind in North America—will learn about the creative, production, marketing and business side of professional sports. They will gain the skills to succeed at sport media production and business while having a strong education that includes a solid foundation in critical theory and liberal studies. Graduates with this specialized skill set will be well positioned to score big in the dynamic world of sport media.

Experience

Leading-edge Facilities: Learning in the cutting-edge facilities of the Mattamy Athletic Centre as well as the Rogers Communications Centre for broadcasting, you will have the opportunity to use the latest field production technology.

Global Learning: Expand your knowledge of sport media production, business and marketing by participating in an international exchange program.

Work Placement: Gain practical experience and make valuable industry contacts through an 80-hour internship at a sport media company.

Ideal Setting: Ryerson's location in the heart of downtown Toronto, steps from Canada's sports broadcast industry, provides opportunities to learn about the industry firsthand and to network with sport media professionals.

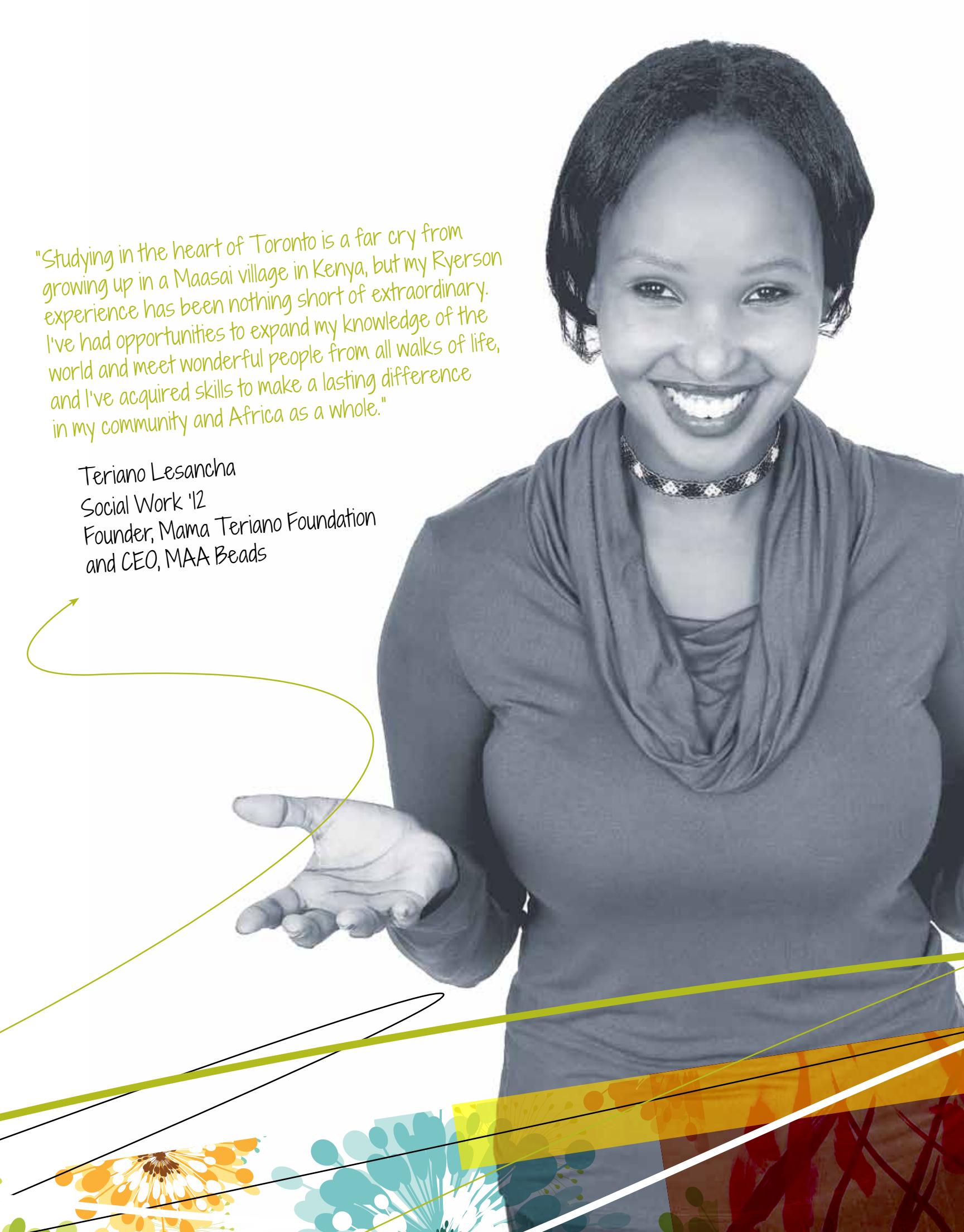
Classes

- Your first year features an extensive overview of the media industry, with classes covering video, transmedia, sound production and foundational sport media knowledge.
- The following two years will feature instruction in live production, media theory and history, business basics, sport marketing, sport broadcasting, journalism and media entrepreneurship, and provide the opportunity to specialize in an area of your choosing.
- In fourth year, you will increase your real-world knowledge and experience by completing a practicum project, participating in a capstone lecture series and doing a field internship.
- A variety of professionally related electives and open courses, including liberal studies courses and sport-related courses offered by other faculties, will help you build a well-rounded university education.
- Choose from a variety of minors, such as a minor in Business Essentials through Ryerson's Ted Rogers School of Management (encouraged).

After Graduation

- Explore opportunities at a broadcaster, sports specialty channel or production company.
- Pursue a variety of roles in sport media production, marketing and management.
- Engage in advanced studies in sports theory, business or production.

For more info and to watch a video on the program, visit www.ryersonrta.com/ba-sportmedia.



"Studying in the heart of Toronto is a far cry from growing up in a Maasai village in Kenya, but my Ryerson experience has been nothing short of extraordinary. I've had opportunities to expand my knowledge of the world and meet wonderful people from all walks of life, and I've acquired skills to make a lasting difference in my community and Africa as a whole."

Teriano Lesancha
Social Work '12
Founder, Mama Teriano Foundation
and CEO, MAA Beads

FACULTY OF COMMUNITY SERVICES

The Faculty of Community Services has an ongoing commitment to changing lives and transforming communities to make a positive impact. Our programs are designed to encourage students to think differently and push boundaries to find lasting solutions to social issues – within our city, country and internationally. Our students graduate with the skills to deliver better social and health services, as front line workers, policy makers and change agents.

- 48 Child and Youth Care
- 49 Disability Studies
- 50 Early Childhood Studies
- 51 Midwifery
- 52 Nursing
- 53 Nursing Post-Diploma
- 54 Nutrition and Food
- 55 Occupational Health and Safety
- 56 Public Health and Safety
- 57 Social Work
- 58 Urban and Regional Planning



child and youth care



Child and Youth Care—Is It For You?

As a Ryerson-trained practitioner and/or researcher in this rewarding field, you will design and implement developmental, preventative and therapeutic programs that will make a difference in the lives of children and youth—within their families and communities, and throughout their lives. Using specialized theories and techniques of care, you will work with children and youth to advocate for their rights and promote their participation in society. You may also become involved in policy areas, research, program evaluation and advocacy.

Experience

This program offers small and interactive classes led by accessible and experienced instructors, along with:

Multiple Internships: If you enter into first year of the four-year program, you will participate in two eight-month internship placements in your second and third year that will enable you to put your classroom learning into practice. Opportunities for international internships exist for your second internship. Experienced practitioners (with a Child and Youth Worker Advanced Diploma) who enter the program at third year are not required to complete internships.

Independent Study: A thesis project that is completed with the support of a faculty advisor advances learning in a particular area of focus.

Mentoring: Participate in an online mentoring forum or get one-on-one support to strengthen your academic performance through CYC Connections, the student engagement initiative intended to build a sense of community among students in the program.

Classes

- In first and second year, you will receive a general introduction to child and youth care practice and child development, and learn the fundamentals through courses in introductory psychology, sociology, contemporary family dynamics, developmental psychopathology, recreational programming and group work.
- In third and fourth year, you will progress to higher-level courses in advanced therapeutic interventions, social research methods, program evaluation, crisis management and case management. In the final year, you will choose a specialty and participate in an independent study project.
- A variety of minors are available—see page 94 for more information.

Part-Time Studies

If you are a Direct Entry student, you can complete this program part-time through online, evening and week-long intensive courses offered in partnership with Ryerson University's G. Raymond Chang School of Continuing Education.

After Graduation

- Work in community centres, educational/day treatment settings, school districts (as a child and youth worker), residential settings (child welfare, young offenders and children's mental health), family support programs, and hospital and outpatient settings.
- With experience, pursue clinical and supervisory roles in child protection, and family service positions in Children's Aid Societies and children's mental health centres. Also explore opportunities for policy analysis, policy development, advocacy and program development.
- Complete graduate studies in the field or related fields to enhance career prospects.

disability studies

Disability Studies—Is It For You?

The Disability Studies program illuminates the ways in which the lives of people with disabilities are shaped by patterns of injustice, exclusion, discrimination and the rule of social, cultural and aesthetic ‘norms’. Building from real-world experience, students engage in transformative processes of reflection, debate and discovery. The integration of theory and practice creates professionally relevant education that draws on the work of scholars, activists and artists. Grounded in a social justice foundation, students and faculty pursue scholarship that serves, shapes and animates disability movements in Canada and globally.

Experience

Established in 1999, the School of Disability Studies is a leader in providing high-quality education from a disability studies perspective. This part-time program offers:

Relevant Curriculum: The program engages with disability communities, community colleges, service and advocacy organizations, and leaders in the disability field.

Comprehensive Training: In a dynamic field, the curriculum takes a broad and evolving view of what constitutes disability. Across all course offerings, teaching begins from experience to create knowledge about social and material worlds.

Applied Learning: The program values the direct experience of students as you examine how social environments, policies and practices shape the experience of people with disabilities. You will demonstrate a synthesis of these perspectives through an applied thesis project.

Practical Experience: As part of your course work, engage with schools and community organizations that support citizens with disabilities.

Classes

- Disability Studies is a part-time degree-completion program that is the equivalent of approximately two years of full-time study. The program is designed for those with one of the following:
 - A diploma in Developmental Services Worker or another disability-related program (i.e., social service worker) from a public Ontario College with a concentration in the area of disability.
 - Other related post-secondary academic credentials and work experience providing disability-related supports, services, education or advocacy.
- Take courses in disability theories, policies and social change, the politics and practice of interventions, representations of embodied difference, building community capacity, leadership and management, history, ethics and research.
- Gain an increased awareness of the socio-political context of disability and learn to apply this perspective to the development of a wide range of skills.
- Take courses online or in an intensive format in the summer. The program requires students to be on-site a minimum of three times for two-week intensive courses held during the summer.
- Take elective courses at Ryerson or at other universities (with a letter of permission).

After Graduation

- Pursue leadership roles in community-based agencies, or advocacy roles in the broader disability movement.
- Continue your disability studies at an advanced level through graduate studies in a range of disciplines, and/or through further professional education.

This is the set up for the Stanford Binet intelligence test, part of the “Out from Under: Disability History and Things to Remember” exhibit. The test exposes the connection between IQ tests and the negative impacts they have had on people with disabilities, changing the course of children’s lives. For more information about the exhibit, visit www.ryerson.ca/ofu.



early childhood studies

Early Childhood Studies—Is It For You?

The development, health and well-being of children in our society are strongly influenced by the work of Early Childhood Studies (ECS) graduates. Our graduates enter many professions in which they make a meaningful difference in the lives of children and families from diverse backgrounds.

Experience

The ECS program at Ryerson is the only BA undergraduate degree program in Canada that focuses on the development and early learning of young children from birth to age eight. It offers:

Field Education: Participate in ECS placements (e.g., the school's Early Learning Centre, childcare centres, early primary classrooms in schools, family resource centres, programs for children with disabilities, hospitals and government agencies).

Research Opportunities: Apply your knowledge—by conducting research on issues related to young children, families and the profession—at the Early Learning Centre and the Gerrard Resource Centre.

Global Learning: Expand your understanding of early childhood concepts and practices by participating in international placements.

Ideal Setting: Studying in the world's most multicultural city, you will become prepared to work with children and families from diverse backgrounds, and understand the dynamics of family life and services in a large urban environment.

Classes

- Topics of study include:
 - Child development: analyzing cognitive, language, social, emotional and physical development
 - Curriculum planning: facilitating children's development through joyful play and rich learning environments
 - Children at risk or with disabilities: focusing on early intervention and inclusive practice
 - Research: effectively linking research to practice
 - Families: supporting families through a strengths-based approach
 - Policy: using policy to advance high-quality services for children and families
- A variety of minors are available—see page 94 for more information.

Degree Completion Program with George Brown College

You can complete your first two years of enriched study at George Brown College's School of Early Childhood. If successful, you can enter Ryerson's School of ECS in your third year.

Joint BA/BEd Program with York University

ECS students can now pursue a Bachelor of Education (Primary/Junior) on Ryerson's campus in the second year of studies. This innovative five-year program—offered in collaboration with York University—allows you to earn a bachelor of arts in ECS and a bachelor of education concurrently. To be eligible for admittance into the program, you must complete at least eight ECS program courses by the end of the first year winter semester and earn a minimum B overall average. Acceptance by the Faculty of Education at York University is based on first-year grades, an experience profile, a personal statement and two references. Only 45 students will be accepted into the Ryerson BA/York BEd program.

Part-Time Studies

Currently working in early childhood education and want to enhance your career mobility? Participate in the direct-entry bachelor of arts in ECS program, which can usually be achieved in three to five years of part-time study. The program is now available through distance education with a two-week summer residency on campus.

After Graduation

- Apply for membership in the Ontario College of Early Childhood Educators.
- Work as a professional resource teacher or resource consultant in Ontario.
- Work at family resource centres, children's hospital settings, children's media, social service agencies, children's advocacy and policy development organizations, or various levels of government.
- Complete a one-year bachelor of education program at a faculty of education in Ontario to become a primary junior division teacher.
- Advance your ECS through Ryerson's master of arts degree in Early Childhood Studies, a unique graduate program that integrates inclusion and diversity issues into its curriculum.
- Complete a master's degree program in human development, special education, curriculum theory, speech therapy, family intervention or social work.



DEGREE AWARDED
Bachelor of Health Sciences (BHSc)

PROGRAM FORMATS
Full Time: Four Year;
Part Time: First-Year Entry for Five or Six Years

ADMISSION REQUIREMENTS
See page 120

Preference will be given to candidates who have successfully completed at least one year of university studies, or have other related life experience.

midwifery



Midwifery—Is It For You?

As registered health professionals, midwives provide primary care to women with low-risk pregnancies throughout their pregnancy, labour and birth, and to both women and their babies until six weeks postpartum. Working in community-based group practices with other midwives, these highly-trained health practitioners work with women and families of diverse backgrounds, beliefs and values. Graduates of Ryerson's Midwifery Education Program (MEP) play an important role in Canada's maternity care system and women's health care.

Experience

Since 1993, Ryerson – through a consortium with Laurentian University and McMaster University – has offered Canada's first undergraduate degree program in Midwifery. The program features:

A Social Justice Perspective: Students learn about social difference and advance their understanding of the structures that contribute to inequality. Along with faculty members and preceptors, students participate in creating a learning environment that is welcoming, safe, accessible and inclusive.

Clinical Placements: Through six placement semesters, you will participate in prenatal, labour, birth and postpartum care at a minimum of 60 births in midwifery clinics, hospitals and women's homes. The placements include:

- Four semesters of midwifery placements that will provide practical experience in conducting prenatal visits, taking medical histories, performing physical exams of women and babies, conducting deliveries and providing postpartum care for women and babies for six weeks.
- Two semesters of interprofessional placements that will teach about the roles and functions of interprofessional partners, and provide opportunities to work in community and health-care settings under the supervision of registered nurses, obstetricians, family physicians, pediatricians, nurse practitioners, lactation consultants and other health-care professionals.

Expert Instructors: Midwifery faculty are engaged in active clinical practice, research and leadership positions in the midwifery profession.

Extracurricular Learning: Stay current on trends, practices and issues in midwifery through a speaker series, lectures and other professional development events.

Symposium: Find out about new research and share your own learning experiences by participating in the annual third-year interprofessional practice symposium.

Classes

- Take academic courses in Midwifery such as With Woman, Aboriginal Childbearing, Working Across Difference in Midwifery Care, Anatomy and Physiology, Life Sciences, Critical Appraisal of the Research Literature Pharmacotherapy, Reproductive Physiology, and Midwifery: Clinical Skills.
- Develop academic learning through a combination of problem-based learning, distance education, small classes and tutorial groups that accompany clinical courses.
- Choose from many social science and elective courses.

Part-Time Studies

Through part-time studies, you can complete portions of the Midwifery program at Ryerson and earn your degree over a period of five to six years.

After Graduation

- Write the Canadian Midwifery Registration Exam.
- Apply for registration with the College of Midwives of Ontario.
- Work in midwifery practices throughout Ontario and across Canada.

nursing

Nursing—Is It For You?

Our evolving attitudes and approaches toward illness and wellness are reshaping our health-care system—and in the process, creating exciting new possibilities for nurses. Beyond the critical role they play in facilitating treatment and recovery for patients, registered nurses are increasingly involved in health promotion and illness prevention. Ryerson graduates in this demanding but rewarding field are competent and caring health professionals who can think critically, analyze reflectively and apply theory to practice using a variety of intellectual, communication, teamwork and technical skills.

Accreditation

Ryerson's bachelor of science degree program in Nursing is accredited by the Canadian Association of Schools of Nursing.

Experience

Ryerson's Daphne Cockwell School of Nursing is a member of the Council of Ontario University Programs in Nursing. This program offers:

Work Terms: Gain practical experience by participating in clinical agency placements in a range of traditional and non-traditional health-care settings.

Diverse Learning Formats: Learn through a variety of teaching methodologies, including large-group lectures, web-based education, simulation, problem-based learning, small-group and independent study, and clinical group seminars.

Skilled Instructors: Faculty members are experts in professional nursing practice, the teaching/learning process, and research and leadership within the nursing profession.

Classes

- Take courses that emphasize self-awareness, communication and leadership skills, applying theoretical knowledge and technical skills, and forming collaborative relationships with clients, including individuals, families, groups and communities.
- Study humanities, sciences and the social sciences to broaden your understanding of the world.
- Examine the historical, political and economic context of our rapidly changing health-care system.
- Learn to care for clients through coursework and practice in both laboratory and nursing practice settings.
- A variety of minors are available—see page 94 for more information.



nursing post-diploma degree completion program



Nursing Degree Completion—Is It For You?

Our evolving attitudes and approaches toward illness and wellness are reshaping our health-care system—and creating exciting new possibilities for nurses. Beyond the critical role they play in facilitating treatment and recovery for patients, Registered Nurses are increasingly involved in health promotion and illness prevention. Ryerson grads are competent and caring health professionals who can think critically, analyze reflectively and apply theory to practice using a variety of intellectual, communication, teamwork and technical skills.

Accreditation

Ryerson's Nursing Post-Diploma Degree Completion Program is accredited by the Canadian Association of Schools of Nursing.

Experience

Ryerson's Daphne Cockwell School of Nursing is a member of the Council of Ontario University Programs in Nursing. This program offers:

Practical Learning: Build on your professional experience by completing two nursing practice courses at a clinical practice setting. If you are already employed as a Registered Nurse, it may be possible to complete these courses where you work (through work-study) upon agreement with your employer and the School.

Diverse Learning Formats: To ensure the program is flexible, you can learn through a variety of teaching approaches including partial or full Internet instruction.

Classes

- During the 19-course program, take required courses in research and research design, health assessment, community nursing, ethics and health care, current issues and future perspectives in nursing, nursing practice, geriatric nursing, acute care, family health and community mental health.

- Choose from professionally related elective and upper-level liberal studies courses to gain a variety of perspectives on the world, and to pursue interests related to your specific nursing studies.
- Develop an analytical approach to nursing practice, and expand your understanding of how practitioners—and the nursing profession as a whole—integrate into the health-care system.
- A variety of minors are available—see page 94 for more information.

Part-Time Studies

If you are a Registered Nurse, eligible for license in Ontario, you can complete the Nursing Post-Diploma Degree Program part time by taking courses through The G. Raymond Chang School of Continuing Education at Ryerson. The entire degree is now available online for Canadian diploma-prepared RNs.

If you are a Registered Practical Nurse, in a part-time bridging program, you can complete the Nursing Post-Diploma Degree Program part time by taking courses through The G. Raymond Chang School of Continuing Education at Ryerson.

After Graduation

- Work for a variety of acute, chronic or long-term care hospitals or institutions, as well as for ambulatory clinics, primary health-care facilities, street health organizations, community health centres, professional associations or government.
- Pursue roles in public health nursing, education, visiting home nursing, community health nursing, research, nursing administration and management, and occupational health.
- Advance your education through Ryerson's master of nursing program, which provides an advanced level of knowledge and skill in evidence-based practice, education, policy and leadership.

nutrition and food

Nutrition and Food—Is It For You?

Interest in eating well is at an all-time high. Working at the intersection of diet and health, Ryerson graduates meet the diverse nutrition-related needs of individuals, families, groups and communities. Using specialized knowledge and skills, and drawing on nutrition and food research and communication theories, these food practitioners promote healthy eating habits that enhance Canadians' quality of life.

Accreditation

Ryerson's Nutrition and Food program is accredited by Dietitians of Canada and is recognized by the Canadian Institute of Food Science and Technology, the Canadian Association of Food Service Professionals, Ontario Home Economists in Business, and the Ontario Family Studies/Home Economics Educators Association.

Experience

Centre for Studies in Food Security: Participate in domestic and international food-security initiatives in research and information dissemination, education and training, and networking and capacity building.

Global Learning: Expand your knowledge through an international exchange program or participate in an interdisciplinary and interprofessional project.

The Community Food Room: Help to operate a food bank, a food-buying club and an information service for members of the Ryerson community.

Peer Health Promotion: This office, which is affiliated with Ryerson's Medical Centre, operates a nutrition information program and provides resources that engage students in health promotion activities across campus.

Peer Mentoring: Support your peers' academic development or enhance your own by participating in the peer mentoring program.

Classes

- In your first two years, take a variety of courses in nutrition and food, along with courses in chemistry, physiology, research methods and professional practice.
- Your third and fourth years will feature advanced studies in nutrition and food, and provide the opportunity to choose from numerous elective courses.
- Choose a minimum of one interdisciplinary or international course from a wide variety of offerings, including international field experience, First Nations issues, disability studies, health promotion and community development.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in the food service, manufacturing or processing industries, with food equipment manufacturers, pharmaceutical companies, community agencies, government, ingredient suppliers, marketing boards, and companies involved in marketing and promoting consumer food products.
- Complete the Dietitians of Canada's accredited post-degree dietetic internship.
- Pursue roles such as dietitian or nutritionist within a community framework, at a business, in a hospital-based setting, as part of corporate wellness education programs or in private practice.
- Enter a faculty of education program to become qualified to teach family studies in Grades 7 to 12, or to become an educator in the public health or food industry sector.
- Apply to graduate programs, including Ryerson's master of health science (MHSc) in Nutrition Communication.

"Ryerson is a school that inspires innovation and action. Thanks to my experienced and caring professors, I was able to realize a passion in ethical agriculture and turn it into a fulfilling grass-fed meat business called Urban Rancher."

Keren Chen
4th year Nutrition and Food



occupational health and safety

Occupational Health and Safety—Is It For You?

Workplaces in Canada are safer than ever before, thanks in large part to occupational health and safety professionals. Ryerson graduates working in this progressive field help prevent injury and illness by anticipating, evaluating and controlling physical, biological, chemical and other hazards in workplaces. Drawing on their specialized knowledge, these professionals help develop and implement initiatives that improve health, safety and well-being in work environments across every sector.

Experience

Ryerson's School of Occupational and Public Health is unique in Canada as it offers the only four-year bachelor's degree program that covers both occupational and public health. The Occupational Health and Safety program offers:

Work Terms: Gain practical experience and make valuable career contacts through an optional co-operative education option that features 20 months of paid work experience in a variety of employment contexts.

Applied Learning: Complete assignments in a laboratory to become proficient in testing and analysis methods that have real-world applications.

Field Trips: Learn about occupational health and safety principles and practices first-hand by talking with professionals at various relevant local settings.

Practical Seminars: Stay up to date on your field by hearing presentations by guest speakers on current occupational health trends and issues.

Independent Project: Explore a particular aspect of occupational health and safety in depth by completing a research project under faculty supervision.

Classes

- In your first year, all occupational and public health students take common courses in epidemiology, physiology, ecology, microbiology, health and safety law, chemistry, physics and math.
- In your third semester, you can start to specialize in occupational health and safety. Your courses in second and third years will focus on microeconomics, health effects of radiation, occupational hygiene, accident theory, workers' disability management, biostatistics, toxicology, ergonomics and workplace safety techniques.
- Your fourth year will feature courses in fire safety management, risk assessment, workplace policy and planning, and sectoral hazards and prevention measures.

After Graduation

- Work in areas such as manufacturing, education, forestry, transportation, mining, petrochemical, agricultural, law enforcement, construction and trade.
- Work for consulting firms that provide occupational health and safety evaluation, training and monitoring services.
- Pursue roles at public and private organizations as an in-house health and safety consultant or co-ordinator, health and safety officer, occupational hygienist, safety project officer or safety specialist.
- Over time, move on to senior-level policy or program-management positions.
- Advance your education in areas such as industrial hygiene, disability management or ergonomics.
- Achieve certifications or designations such as:
 - Canadian Registered Safety Professional, which is granted by the Board of Canadian Registered Safety Professionals.
 - Registered occupational hygienist, which is granted by the Canadian Registration Board of Occupational Hygienists.
 - Certified Industrial Hygienist or Certified Safety Professional (both American).



public health and safety



Public Health and Safety—Is It For You?

Canada is safer and healthier than ever before, thanks in large part to public health and safety professionals. Ryerson graduates working in this progressive field help prevent injury and illness by anticipating, evaluating and controlling physical, biological, chemical and other hazards in the community. Drawing on their specialized knowledge, they help develop and implement initiatives that improve health, safety and well-being in a range of settings that are accessed by the public.

Accreditation

The Public Health and Safety option of the bachelor of applied science in Occupational and Public Health is accredited by the Canadian Institute of Public Health Inspectors.

Experience

Ryerson's School of Occupational and Public Health is unique in Canada as it offers the only four-year bachelor's degree program that covers both occupational and public health. The Public Health and Safety program offers:

Work Terms: Gain practical experience and make valuable career contacts through an optional co-operative education option that features 20 months of paid work experience in a variety of employment contexts.

Applied Learning: Complete assignments in a laboratory to become proficient in testing and analysis methods that have real-world applications.

Field Trips: Learn about public health and safety principles and practices first-hand by talking with professionals at various relevant local settings.

Practical Seminars: Stay up to date on your field by hearing presentations by guest speakers on current public health trends and issues.

Independent Project: Explore a particular aspect of public health and safety in depth by completing a research project under faculty supervision.

Classes

- In your first year, all occupational and public health students take common courses in epidemiology, physiology, ecology, microbiology, health and safety law, chemistry, physics and math.
- In your third semester, you start to specialize in public health and safety. Your courses in second and third years will focus on wastewater treatment systems, food hygiene, water quality, international health, communicable diseases, health administration, and infection control in settings such as hospitals, childcare centres, schools and prisons.
- Your fourth year will feature courses in parasitology, health education and promotion, public health law, emergency measures and planning, and risk assessment.

After Graduation

- Work at public health agencies at the municipal, provincial and federal levels as an inspector, environmental health officer, field epidemiologist, communicable disease investigator or health promoter.
- Pursue roles with private sector employers that focus on food safety, quality assurance, environmental management or pest control.
- Explore opportunities at non-governmental and non-profit agencies that specialize in health education and promotion.
- Advance your education in areas such as epidemiology, international health, health promotion and education, or health administration.
- Take the next steps to become certified by the Canadian Institute of Public Health Inspectors, the certifying body for all public health inspectors.

social work



Social Work—Is It For You?

When people can access the services and resources they need to more fully participate in society, it is often because of the meaningful efforts of social workers. Ryerson grads promote social justice and equity by helping individuals access multiple social services to meet their fundamental needs and accomplish their goals. Practitioners have a deep understanding of how gender, race, ethnic-cultural origin, class, sexual diversity, age, and physical and mental capacities shape the experiences of those who require social services. As skilled advocates and collaborators, social workers advance the causes of human dignity, equality and social care.

Accreditation

Ryerson's bachelor of social work is accredited by the Canadian Association for Social Work Education.

Experience

Ryerson has one of the largest undergraduate schools of social work in Canada:

Work Terms: Gain 910 hours of field experience through multiple placements at local or international organizations that offer social work services to marginalized children, adolescents, families or adults.

Practical Projects: Apply classroom concepts and practices through multiple community and faculty projects that can take place locally or internationally.

Classes

- In your first year, the foundations of social work course and the theories course will help you understand the social, political, economic and cultural context of social welfare as an institution, the nature of the social work profession, and the theories that guide social work practice.
- Throughout your four years, you will concentrate on anti-oppression and human diversity issues, social welfare policies and programs, practice theory approaches and application, and research.

- Choose from a variety of elective courses in related areas such as child welfare, group work, advocacy, sexual diversity, race and ethnicity, community organizing, international social work, addictions or mental health.
- A variety of minors are available—see page 94 for more information.

Advanced Standing Options

- If you are a university graduate or hold a social services diploma from a community college with related social services work experience, you can apply to the part-time advanced standing option, which you can complete over a minimum of three years.
- This option features requirements for practicum hours. Spring/summer practica are available for part-time students, but these necessitate time away from full-time employment.
- If you are a community college graduate without work experience, you can apply to the full-time advanced standing option, which puts you into the second year of the BSW (full-time program).

After Graduation

- Work in Canada or internationally in child welfare and youth services, immigrant and settlement services, community and health services, social action groups, and non-profit organizations.
- Become eligible for membership in the Ontario Association of Social Workers.
- Apply to join the Ontario College of Social Workers and Social Service Workers.
- Advance your education through Ryerson's one-year master of social work program, or through other graduate programs at Ryerson, such as Early Childhood Studies, Communication and Culture, Immigration and Settlement Studies, or Public Policy and Administration.

urban and regional planning

Urban and Regional Planning—Is It For You?

Communities are complex entities with their own needs, structures and rules—and planners are the ones who guide their operation and promote their growth. Drawing on their understanding of land-use concepts and strategies, planners create and implement plans to develop and enhance regional, urban, suburban and rural communities. Ryerson graduates advise on planning decisions related to social, economic, cultural, land-development, transportation, resource-development, environmental, heritage and other issues.

Experience

Recognized by the Canadian Institute of Planners (CIP) and the Ontario Professional Planners Institute (OPPI), Ryerson's Urban and Regional Planning program offers:

Applied Instruction: Through considerable studio practice, develop your drafting and computer skills; present solutions to urban design and planning problems; learn to collect, analyze and present data; and address the needs of real clients.

Practical Projects: In your final two studios, become part of a small student consulting team and present your work to a panel of critics.

Field Trips: Observe city planning strategies in action by participating in week-long field trips.

Global Learning: Expand your understanding of planning concepts and practices by participating in a national or international exchange program with professional planning programs at other universities.

Classes

- In your first year, learn about the role of planners, the relationship of government to planning, land analysis and ecology, and social analysis. Become introduced to basic design principles and technology and to land-use planning, including its transportation and housing aspects.
- Your second year will focus on statistics for planning, and the political, economic, legal and institutional contexts within which both urban and regional planning is practised.
- In your third year, you will study planning law, and begin to master planning change processes and research techniques.
- In fourth year, you will concentrate on project proposal development, municipal finance for planners, ethics, planning administration and implementation, and planning and program evaluation.
- Choose from elective courses in urban and site design, environmental planning, transportation, housing, private land development, community development planning, strategic planning, international development, and conflict resolution and dispute negotiation.
- A variety of minors are available—see page 94 for more information.

Fast-Track Options

- The school also offers two fast-track programs: a two-year post-baccalaureate degree program; and a two-year post-diploma degree completion program for graduates of the Urban and Regional Planning Technician - GIS program at Mohawk College, or the GIS and Urban Planning program at Fanshawe College.
- Both programs provide the degree credentials required to become a professional member of OPPI and CIP, and graduates will also qualify to become a registered professional planner in Ontario.

After Graduation

- Work in municipal or provincial government; a private firm in real estate development, finance or retail; a consulting firm; a community social service or volunteer agency; or a legal firm.
- Pursue roles such as technical analyst, researcher, program and policy developer, political advisor or educator, or as a planner in private practice.
- Advance your education through Ryerson's master of planning in Urban Development, which focuses on design approaches for contemporary metropolitan regions, preparing students to understand local and global dynamics.

"My students and I study how to make communities walkable, bikeable and transit-friendly. The best thing about being at Ryerson is that we get to use Canada's largest and most diverse city as our research laboratory."

Raktim Mitra, PhD
Assistant Professor, Urban and Regional Planning

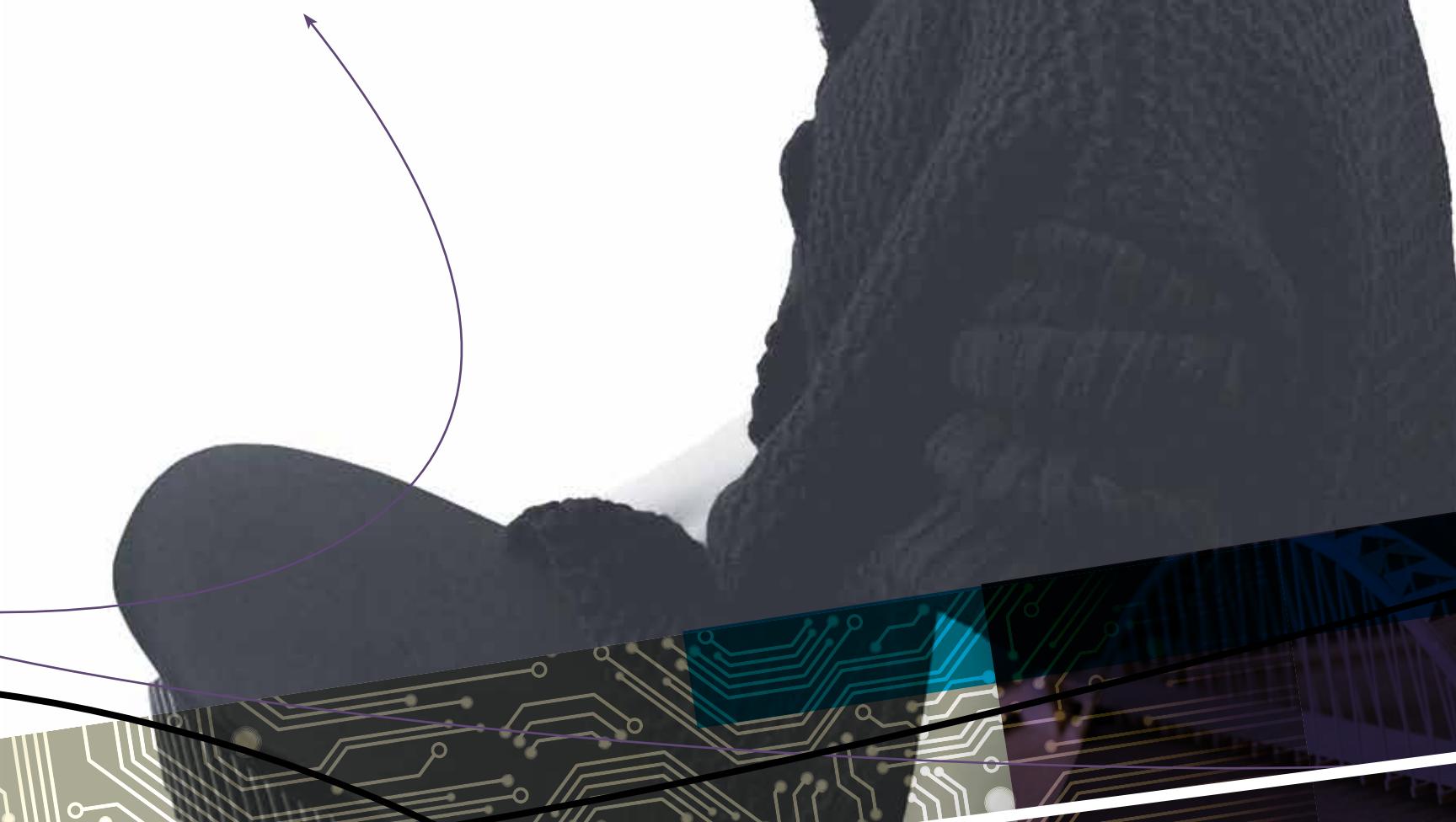




A black and white portrait of a young woman with dark hair and glasses, looking slightly to the side. She is wearing a dark, textured jacket.

"Ryerson has provided me with numerous opportunities to enhance my student experience and step out of my comfort zone, including participating in the design of a Ghana kindergarten and the Victoria Street Laneway Revitalization. The unique experiences, central location of downtown Toronto, small class sizes and experienced faculty have made Ryerson an ideal school to study architecture."

Helen Xie
Architectural Science '14



FACULTY OF ENGINEERING AND ARCHITECTURAL SCIENCE

In the Faculty of Engineering and Architectural Science, we inspire fresh approaches to society's challenges and encourage our students and researchers to move from innovative concepts to real-world entrepreneurship.

- 62 Aerospace Engineering
- 63 Biomedical Engineering
- 64 Chemical Engineering Co-op
- 65 Civil Engineering
- 66 Computer Engineering
- 67 Electrical Engineering
- 68 Industrial Engineering
- 69 Mechanical Engineering
- 70 Undeclared Engineering
- 71 Architectural Science



aerospace engineering



Aerospace Engineering—Is It For You?

Newer, better, faster. That's aerospace engineers' goal for the vehicles they create – vehicles that move across land and water, or through air and space. Ryerson graduates working in this dynamic and innovative field design, manufacture, operate and maintain everything from jets and space-exploration vehicles to high-speed cars and hovercraft. Watch your career orbit into exciting territory as you use your specialized expertise and work with leading-edge technologies to develop next-generation transportation machines.

Accreditation

The Aerospace Engineering program is one of only three Canadian aerospace undergraduate programs accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply up to 12 months of the program's internship placement toward the work experience requirement for achieving professional engineer (P.Eng.) status.

Experience

Work Placements: Gain professional experience and make industry contacts through the optional Industrial Internship Program, which will enable you to complete 12 to 16 months of full-time, paid engineering work.

Industry Training: Through the Ryerson Institute for Aerospace Design and Innovation, gain valuable career-related experience by completing up to 1,000 paid hours of design and research work at aerospace companies.

Leading-edge Facilities: The program is housed in the George Vari Engineering and Computing Centre, which features an aircraft structures lab, propulsion testing facility, wind tunnels, structures and materials testing devices, controls and avionics facilities, space dynamics and structural dynamics facilities, and engine testing equipment.

Learn by Doing: Build in-depth knowledge, skills and practical experience in a team project that involves designing an aircraft, spacecraft or avionics system.

Thesis Project: Investigate an aerospace engineering topic in depth by undertaking an independent, faculty-supervised thesis project.

Classes

- In your first and second years, take courses in chemistry, computer science, math, physics, engineering graphics and design, computer programming and materials science. You will also begin studying flight mechanics, stress analysis and strength of materials.
- Third-year courses will focus on aerodynamics, control systems, electronics and sensors, aircraft performance, structural design and gas dynamics.
- By fourth year, you will major in one of three streams: aeronautical design (aircraft and civil/military helicopters), space system design (spacecraft, satellites, etc.) and avionics design (aircraft, spacecraft and rotorcraft).
- An optional specialization in Management Science is available, allowing you to further explore your interests.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in commercial and military aircraft or spacecraft engineering, space exploration, teaching, research, military service, air transportation and space-based telecommunications, and in the related fields of transportation, information and the environment.
- Pursue specialties in areas such as aerodynamics, avionics and flight controls; stress analysis; vehicle design and testing; engine development; or designing support systems such as air conditioning, heating, pneumatics and hydraulics.
- Engage in advanced studies by taking a Ryerson graduate degree in Aerospace Engineering (MEng, MASc, PhD).

biomedical engineering

Biomedical Engineering—Is It For You?

Biomedical engineering is an innovative field that combines the knowledge and expertise of two disciplines to advance patients' care and quality of life. Working at the intersection of engineering and medicine, Ryerson graduates pioneer new products and approaches to improve human health and productivity. Biomedical engineering blends the physical, chemical, mathematical and computational sciences with biology, medicine, behaviour and health. The results are new medications, materials, devices and processes that prevent, diagnose and treat diseases and injuries.

Accreditation

This program is the first stand-alone Canadian Engineering Accreditation Board accredited undergraduate Biomedical Engineering degree program in English Canada.

Experience

Work Placements: The optional Industrial Internship Program enables you to complete eight to 16 months of full-time, paid engineering work, which may count towards the work experience qualification for Professional Engineer (P.Eng.) status upon graduation. The Summer Research Internship provides students who have completed their third year of study with the opportunity to work with professors on leading-edge research projects.

Learn by Doing: Build in-depth knowledge, skills and practical experience in a team project that involves designing and implementing a prototype for your own biomedical invention.



Classes

- In your first two years, take fundamental courses in biology, physiology, physics, electric circuits, electronics and sensors, biomaterials, biomechanics, software systems and digital systems.
- Your third year will focus on microprocessor systems, biomedical instrumentation, biostatistics, bioinformatics, control systems, signals and systems, and fluid mechanics.
- In addition to specialized and application-oriented courses, you will get a chance to put your learning into action in fourth year with the team-based capstone design project, where you and your team will research, design, implement and demonstrate a working prototype of a biomedical engineering innovation.
- Choose from a wide range of technical elective courses, including tissue engineering, radiation therapy devices, rehabilitation engineering, biomedical systems modelling, biomedical signal analysis, human-computer interfaces, bio-MEMS design, computations in genetic engineering and biomedical image analysis.
- An optional specialization in Management Science is available, allowing you to further explore your interests.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work for industry or government, or in teaching and/or research at educational and medical institutions.
- Design and construct artificial organs and limbs, tissue, heart valves, cardiac pacemakers, therapeutic devices and mathematical/computer models of physiological systems.
- Pursue graduate studies at Ryerson that lead to master of applied science (MSc), master of engineering (MEng) and PhD degrees in Electrical and Computer Engineering and Mechanical Engineering, or a master of science (MSc) degree in Biomedical Physics. A Ryerson biomedical engineering education also opens doors to medical, dental and veterinary schools.

"Small classes, great professors and the myriad of opportunities available to students create an incubative environment. With the skills gained from my program, I created a gesture-activated smart shoe and am currently working on a touchscreen-based smart pillow that wakes a user up at the optimal time."

Mohammad Zaman
3rd year Biomedical Engineering

chemical engineering co-op

Chemical Engineering Co-op—Is It For You?

When it comes to improving human life, chemical engineering knows no bounds. This versatile discipline is instrumental in creating everything from cleaner water and better-tasting food, to more powerful silicon microchips, new medicines and cleaner sources of fuel. Ryerson graduates apply their expertise in the physical and life sciences, advanced processing, and manufacturing and production technologies to transform the raw materials of our planet into a variety of useful products that sustain and enrich our lives.

Accreditation

The five-year bachelor of engineering (BEng) program in Chemical Engineering is accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply the program's co-op work component toward one year of the experience requirement to achieve professional engineer (P.Eng.) status.

Experience

Work Placements: Develop analytical and problem-solving abilities, gain professional experience and make industry contacts through co-op work terms offering up to 20 months of full-time, paid engineering work.

Learn by Doing: Build in-depth knowledge, skills and practical experience in a team project that involves designing chemical-production plants, generating alternative energies, reducing pollution, treating wastewater and producing biomaterial-based hygiene products.

Hands-on Training: Apply classroom learning by practicing the concepts and procedures of chemical engineering in many laboratory sessions.



Classes

- In your first and second years, you will study chemistry, computer science, math, physics, engineering basics, thermodynamics, fluid mechanics, heat transfer, instrumental methods of analysis, process measurement techniques, organic chemistry, technical communications, electrical circuits and mathematics.
- In your final years, you will study separation processes, chemical reaction engineering, process modelling and simulation, process control, and you will work in unit operations laboratories.
- Multiple co-op placements that take place throughout your program will enhance your technical abilities and give you an edge in finding work in the field.
- Elective courses will complement your learning in core subjects, while a variety of specializations will allow you to focus in depth on specific topics.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in areas such as oil and gas engineering, biotechnology, advanced materials, pharmaceuticals, design and construction, electronics, foods and beverages, environment regulation, and health and safety enforcement.
- Pursue roles at petrochemical plants, oil and gas production facilities, process design and development companies, chemical engineering software firms, pollution control and waste management agencies, and settings that involve industrial safety, risk assessment and insurance work.
- Build an academic career with opportunities to teach and perform research at an educational institution.
- Engage in advanced studies by completing Ryerson graduate degrees in Chemical Engineering (MASC, MEng and PhD), which involve advanced studies and independent research in water treatment, process systems and control, mixing, fluid dynamics and microfluidics, polymers and advanced materials, nanotechnology and biomedical engineering, biofuels and heavy-oil recovery.

"I enrolled in a co-operative program to get the knowledge and work experience to work in the water/wastewater treatment industry after graduation. Toggling work and school terms helped me to both integrate my classroom knowledge at work, and work experience with problem solving in the classroom."

Priya Persaud
Chemical Engineering Co-op '14

civil engineering



Civil Engineering—Is It For You?

Knowledgeable, skilled and inventive, civil engineers devise innovative solutions for building, managing, operating and maintaining a variety of facilities. Ryerson graduates in this dynamic discipline plan, design and build the essential infrastructure of daily life, including power and water supply structures and waste treatment facilities, bridges, roads and dams.

Accreditation

The bachelor of engineering (BEng) program in Civil Engineering is accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply up to 12 months of the program's optional internship placement toward the work experience requirement for achieving professional engineer (P.Eng.) status.

Experience

Work Placements: Gain professional experience and make industry contacts through the optional Industrial Internship Program, which will enable you to complete 12 to 16 months of full-time, paid engineering work.

Leading-edge Facilities: Some of the Department of Civil Engineering's physical labs are housed in the George Vari Engineering and Computing Centre, a state-of-the-art facility featuring well-equipped hardware and computer labs.

Practical Learning: Gain practical learning through course lab work, the multidisciplinary student technical competitions and capstone project courses that may involve working on a specific civil engineering problem for a real industry client.

Classes

- Courses in your first two years will focus on computer science, chemistry, physics, mathematics, graphics, strength of materials, hydrology, soil properties, fluid mechanics, engineering economics, geology and fundamentals of surveying.

- In the last two years of the program, you will have two options:
 - The regular Civil Engineering program includes environmental sustainable development, impact of civil engineering, water and wastewater management, soil mechanics, geomatics measurement, remote sensing and digital mapping, satellite navigation, structural analysis and design, concrete and highway materials, highway design, transportation planning, road safety, traffic and transit operation, pavement design and project management. In addition, fourth-year students choose between two streams: Environmental or Transportation.
 - The Structural Engineering option provides further focus on structural analysis; computer-aided structural analysis; structural building systems; structural design of concrete, steel, timber and masonry; bridge design and construction; and renovation/repair of existing structures.
- An optional specialization in Management Science is available, allowing you to further explore your interests in engineering or applied science management or for graduate studies in management-related specializations (e.g., MBA).

After Graduation

- Work on environmental, geomatics, geotechnical, project management, structural and transportation projects.
- Pursue opportunities in engineering technology and consulting companies, the construction industry, the mining industry, and municipality and government agencies.
- Complete Ryerson graduate degrees in Civil Engineering (MSc, MEng and PhD), which involve advanced studies and independent research in a variety of areas.

computer engineering

Computer Engineering—Is It For You?

The way we live, work and play in our technology-driven, interconnected world is largely influenced by the ideas and actions of computer engineers. Ryerson graduates use scientific and practical knowledge in digital circuit technology to create systems and devices that enrich our lives. Distinguished by their versatile skill set, computer engineers create everything from firmware to hardware to software to interfacing systems that let computer systems communicate with each other and the outside world.

Accreditation

The bachelor of engineering (BEng) program in Computer Engineering is accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply up to 12 months of the program's internship placement toward the work experience requirement for achieving professional engineer (P.Eng.) status.

Experience

Work Placements: Gain professional experience and make industry contacts through the optional Industrial Internship Program, which will enable you to complete eight to 16 months of full-time, paid engineering work. The Summer Research Internship provides students who have completed their third year of study with the opportunity to work with professors on leading-edge research projects.

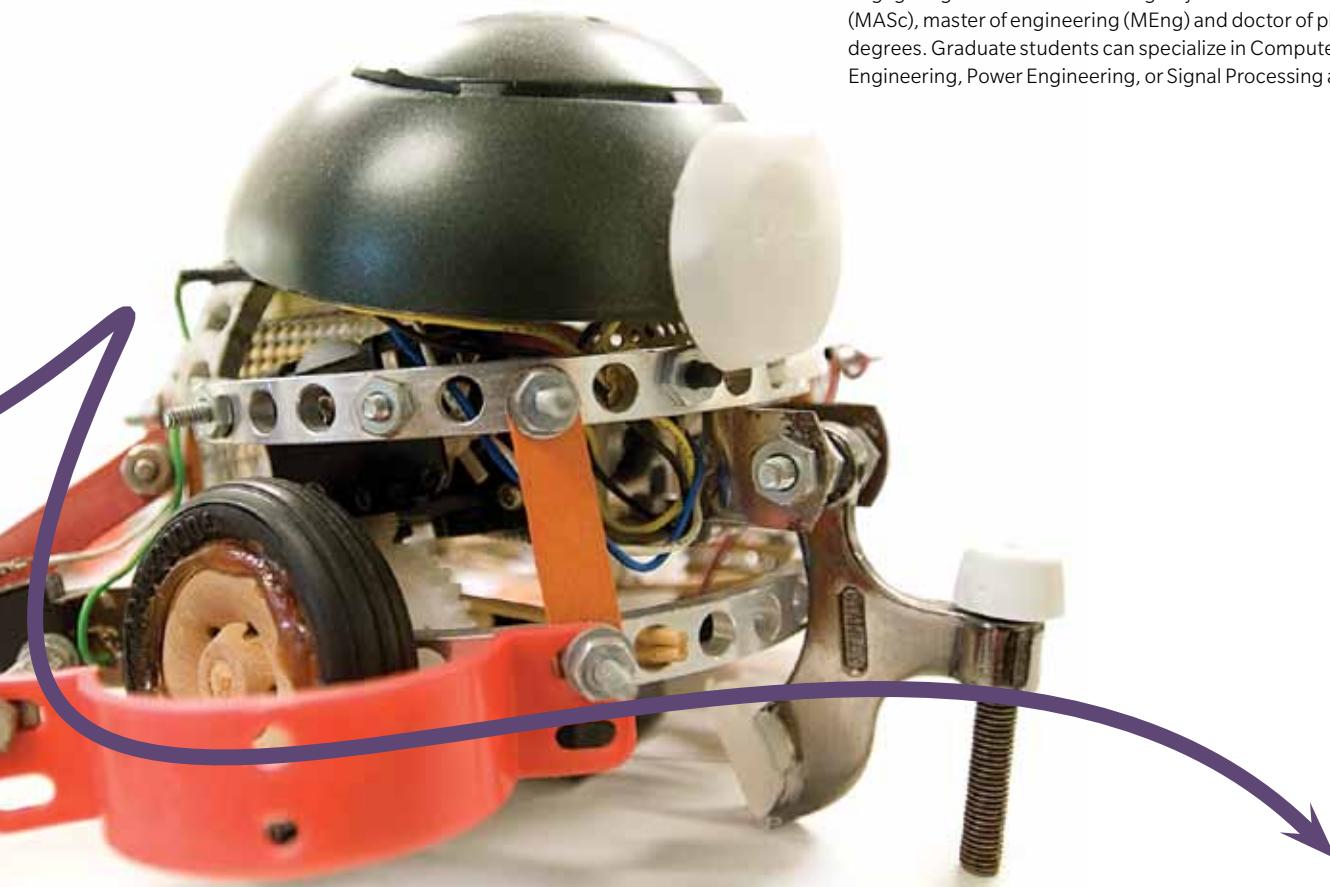
Learn by Doing: Build in-depth knowledge, skills and practical experience in a team project that involves researching, designing and developing a working prototype of an engineering system that you will demonstrate to the public.

Classes

- In your first and second years, take fundamental courses such as electric networks, electronics circuits, digital systems and microprocessors, software systems, engineering algorithms and data structures.
- Your third year will focus on computer architecture, microprocessor systems, operating systems, object-oriented software design and analysis, digital electronics, communications systems, control theory, electromagnetic, probability and stochastic processes. Courses in liberal arts, law, ethics and professional practice will round out the year's training.
- Fourth-year courses will include embedded system design, computer networks and security, digital systems engineering, data and software engineering, as well as an engineering design project. Technical elective courses will include micro-electronics and circuits design, systems-on-chip design, hardware-software codesign, robotics and control systems, and digital and wireless communication systems.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in research and development, design production engineering and quality control, the automotive industry, communications, health-care systems or the consumer electronic devices and service industry.
- Design, develop and/or test computer chips, systems on a chip, circuit equipment/systems, software programs and systems and computer layouts; formulate mathematical models of technical problems that can be solved by a computer.
- Engage in graduate studies through Ryerson's master of applied science (MSc), master of engineering (MEng) and doctor of philosophy (PhD) degrees. Graduate students can specialize in Computer Systems Engineering, Power Engineering, or Signal Processing and Communications.



electrical engineering



Electrical Engineering—Is It For You?

The tools and technologies that drive society forward – everything from computer systems to electronic devices to power transmission systems – comprise the work of electrical engineers. Ryerson graduates in this diverse and always-evolving field use their knowledge of engineering principles and practices to design, develop and implement electrical circuit relationships, electronic devices, integrated circuits, digital logic, microprocessors and computers. Electrical engineers also help create “intelligent” systems such as telecommunications, robotics, consumer electronics, multimedia, biomedical, integrated sensors and transducers, miniaturized high-density devices, power systems, aerospace and industrial automation.

Accreditation

The bachelor of engineering (BEng) program in Electrical Engineering is accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply up to 12 months of the program’s internship placement toward the work experience requirement for achieving professional engineer (P.Eng.) status.

Experience

Work Placement: Gain professional experience and make industry contacts through the optional Industrial Internship Program, which will enable you to complete eight to 16 months of full-time, paid engineering work. The Summer Research Internship provides students who have completed their third year of study with the opportunity to work with professors on leading-edge research projects.

Learn by Doing: Build in-depth knowledge, skills and practical experience in a team project that involves researching, designing and developing a working prototype of an engineering system that you will demonstrate to the public.

Classes

- In years one and two, take courses in mathematics, physics, chemistry, electrical science, electrical circuits, discrete mathematics, data structures and engineering algorithms, and analog and digital electronics.
- Your third year will focus on analog and digital electronics, microprocessor systems, object-oriented software design and analysis, communications systems, control theory, electromagnetics and probability. You will also take courses in liberal arts, law, ethics and professional practice. You can specialize in Energy Systems, Microsystems, Multimedia Systems, or Robotics and Control Systems.
- Fourth-year studies will cover law and ethics in engineering practice, and include an engineering design project. Technical elective courses will include microelectronics and integrated circuits design, robotics and control systems, digital and wireless communication systems, hardware and software systems, power engineering, photonics or optical communications, and computer networks.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in research and development, production engineering and quality control, computer systems engineering, industrial process control, telecommunications, marketing, technical service and education.
- Pursue roles in the design, development, manufacturing, testing and marketing of electrical and electronic equipment and systems.
- Engage in graduate studies through Ryerson’s master of applied science (MSc), master of engineering (MEng) and doctor of philosophy (PhD) degrees. Graduate students can specialize in Computer Systems Engineering, Power Engineering, or Signal Processing and Communications.

industrial engineering



Industrial Engineering—Is It For You?

Finding the optimal fit between people, machines, materials and information technology is the work of industrial engineers. Ryerson graduates excel at using their combination of engineering and management science expertise to make manufacturing and service productivity better, faster, safer, more efficient and more cost-effective. Industrial engineers are involved in developing and improving products, services, processes, facilities, information systems, work methods and standards, production planning and control, ergonomics and safety, financial and cost systems, and distribution.

Accreditation

The bachelor of engineering (BEng) program in Industrial Engineering is accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply up to 12 months of the program's internship placement toward the work experience requirement for achieving professional engineer (P.Eng.) status.

Experience

Ryerson is one of only six universities in Canada offering an Industrial Engineering program. The program features:

Work Placements: Gain professional experience and make industry contacts through the optional Industrial Internship Program, which will enable you to complete 12 to 16 months of full-time, paid engineering work.

Hands-on Training: Advance your knowledge and practise your skills in a variety of industrial engineering labs that focus on areas such as design, hardware, ergonomics and radio frequency identification (RFID).

Practical Learning: Apply what you've learned in the classroom through individual or team projects that tackle real-world engineering problems.

Classes

- In your first year, you will gain a solid foundation in science, math and engineering concepts with courses in mathematics, physics, computer science, material science, engineering graphical communication and engineering economics.
- Your second and third years will feature engineering science courses such as statics and mechanics of material, thermodynamics and fluid mechanics, and core industrial engineering courses such as work measurement and design, algorithms and web-based systems, operations research, facilities design, systems modelling and simulation, and ergonomics.
- Take specialized courses in your fourth year in information systems, production and inventory systems, project management, reliability and decision analysis, and service operations management.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in financial services, government, manufacturing, distribution, health care, retailing and consulting.
- Pursue opportunities in process improvement, planning, production, operations research, product development, systems design, information systems, plant management, logistics, motion study, ergonomics, and performance measurement and standards.
- Pursue one of Ryerson's graduate degree programs (MSc, MEng, PhD), which involve advanced studies and independent research in mechanical and industrial engineering. Industrial Engineering students who plan to complete a master of business administration degree (MBA) at the Ted Rogers School of Management at Ryerson University can choose an optional path during their undergraduate studies and receive credits.

mechanical engineering



Mechanical Engineering—Is It For You?

What makes an artificial heart beat? How do elevators and escalators move up and down? What makes robots walk and talk? The answers can be found in the domain of mechanical engineering, a dynamic field where practitioners create machines and systems for many aspects of our lives. Ryerson graduates research, design, develop and test mechanical devices that drive generators, engines, transmissions, turbines, refrigeration and air-conditioning equipment, machine tools, material handling systems, computers, artificial limbs, bio-mechanical implants, pumps and industrial production equipment.

Accreditation

The bachelor of engineering (BEng) program in Mechanical Engineering is accredited by the Canadian Engineering Accreditation Board. Upon graduating, you can apply up to 12 months of the program's optional internship placement toward the work experience requirement for achieving professional engineer (P.Eng.) status.

Experience

Work Placements: Gain professional experience and make industry contacts through the optional Industrial Internship Program, which will enable you to complete 12 to 16 months of full-time, paid engineering work.

Hands-on Training: Advance your knowledge and practise your skills in mechanical engineering labs that focus on computer-controlled machine tools, metrology, fabrication, materials processing, process controls, refrigeration cycles, gas and diesel internal combustion engines, gas turbine engines, CAD/CAM software, and programming and simulation packages.

Practical Learning: Apply what you've learned in the classroom through team design projects that tackle real-world engineering problems.

Classes

- In your first and second years, you will take courses in computer science, chemistry, physics, material sciences, engineering design fundamentals with CAD, CAM, manufacturing, stress analysis and basic thermodynamics.
- Your third-year studies will focus on machine design, fluid dynamics, applied thermodynamics and heat transfer. You can also specialize in mechatronics, in which you design, analyze and control mechanisms through electrical interfaces.
- In fourth year, choose from a variety of technical elective courses in areas such as solid mechanics, design for manufacture, thermo/fluids and mechatronics.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in a variety of applied mechanical engineering roles in the automotive, pharmaceutical and electronic industries.
- Pursue opportunities in research and development, technical sales, field support, management and engineering consulting.
- Participate in Ryerson's graduate degree programs in Mechanical Engineering (MASc, MEng, PhD), which involve advanced studies and independent research in thermodynamics and fluid mechanics, industrial engineering, manufacturing, materials and solid mechanics.

undeclared engineering

Engineering—Is It For You?

Life as we know it depends on the inspiring innovations of engineers. From discovering new sources of energy, to designing more efficient and reliable engines, to developing more sustainable building methods and materials, engineers create a healthier, safer, cleaner and more productive world. Ryerson engineering graduates serve as catalysts for change; their skills and experiences transform bright ideas into practical and powerful solutions, improving the quality of lives around the globe.

Classes

- The first semester is common for all engineering programs. You will take the following courses: General Chemistry, Calculus I, Linear Algebra, Physics: Mechanics, a liberal studies course and Introduction to Engineering – where you will learn about the different disciplines of engineering offered at Ryerson. This course will help you declare by December 1 which of the engineering plans you wish to pursue: Aerospace, Biomedical, Chemical Co-op, Civil, Computer, Electrical, Industrial or Mechanical.
- In second semester, you will take the following courses required for all programs: Digital Computation and Programming, Principles of Engineering Economics, Calculus II, and Physics: Waves and Fields. You will also take courses specific to your chosen program as follows:

Aerospace Engineering

- Engineering Design and Graphical Communication
 - Materials Science Fundamentals
- ### Biomedical Engineering
- Intro to Biomedical Engineering
 - Electric Circuit Analysis
- ### Chemical Engineering Co-op
- Chemical Engineering Fundamentals
 - General Chemistry Laboratory

Civil Engineering

- Graphics
 - Materials Science Fundamentals
- ### Computer and Electrical Engineering
- Electric Circuit Analysis
- ### Industrial and Mechanical Engineering
- Engineering Graphical Communication
 - Materials Science Fundamentals

Optional Specialization in Management Sciences (OSMS)

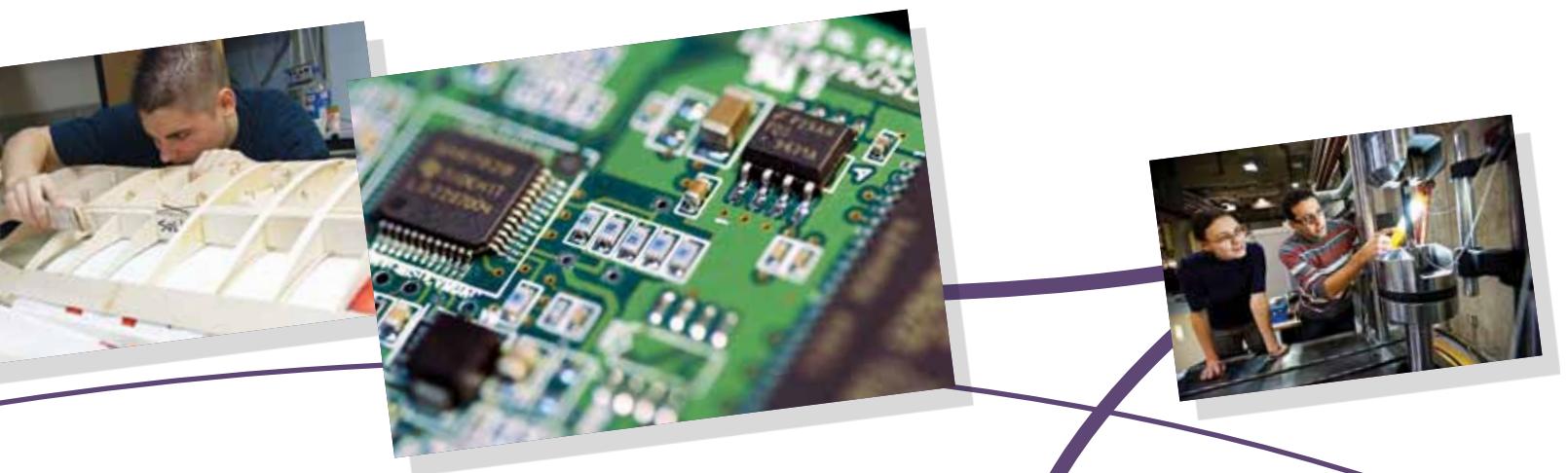
Students in good academic standing may pursue this option to prepare for careers in engineering or applied science management, or for graduate studies, such as an MBA program. Courses include strategic engineering management, operations management and research, finance and organizational behaviour. The OSMS is available to students in all engineering programs, with the exception of Industrial Engineering, whose curriculum already places a strong emphasis on management issues. Students who successfully complete the OSMS with a minimum CGPA of 1.67 before graduation, will have a special designation on their transcripts.

Optional Specialization in Engineering Innovation and Entrepreneurship (OSEIE)

This option provides students with a solid foundation in innovation and entrepreneurship theory, as well as the immersive experience of advancing and shaping an idea into a business. The lecture courses cover entrepreneurship and innovation management, and technology-based new venture creation. The practicum courses guide students through the processes of identifying a new business concept, developing their technology, and preparing their business for market readiness. All undergraduate engineering students with clear academic standings are eligible to apply for this optional specialization. Students who successfully complete all six courses in the OSEIE with a minimum CGPA of 1.67 before graduation, will earn a special designation on their transcripts.

Early Intervention Program

Highly innovative and proactive retention strategies play an important role in helping students build their skills for success in a demanding engineering curriculum. As such, the Faculty of Engineering and Architectural Science has developed the Early Intervention Program. In the middle of each semester, first-year engineering students who are failing core curriculum courses are encouraged to meet with a member of the First-Year and Common Engineering Office's academic support team to discuss options to boost their success.



architectural science

Architectural Science—Is It For You?

Ryerson graduates understand that excellence in all aspects of the built environment can transform our world into a more functional, beautiful and sustainable place to live. Architects use their design and technical know-how, commitment to collaboration and project management skills to guide entire design and construction processes from start to finish.

Experience

Studio: Build your expertise in architectural design, building science and project management through individual and team projects that may involve actual clients.

Traditional and Digital Techniques: Advance your knowledge and practice your manual and digital skills in the studio, the workshop and in fully equipped labs that focus on 3-D representation, scale model work, prototype construction, graphic, CAD and building science, and project management software applications.

Co-op Work Placement: Gain professional experience and make industry contacts through the optional Architectural Science Co-operative Education Internship Program, which enables you to complete 16 months of full-time, paid work in the architecture, engineering and construction industry following your third year of study.

Student Life: Enhance your skills, develop your peer network and stay current on trends in the field by getting involved in student architectural organizations including the Architectural Course Union and the American Institute of Architecture Students.

Classes

- Your first three years will feature a common academic foundation to develop critical thinking skills and master the fundamentals of architectural science. You will study design principles, technical aspects of building design, building industry regulations, site evaluation and selection, environmentally sound design, the dynamic role of architecture in society, and how to manage time and resources on various projects.

- In fourth year, you will choose one of the following program options:

Architecture

- Study the culture of architecture from local and global perspectives.
- Explore the components of architectural design, including planning, sustainability, and social, cultural and physical contexts.

Building Science

- Use leading-edge technology to investigate the technical aspects of building design.
- Investigate emerging and environmentally conscious ways to construct facilities and to evaluate their performance over time.

Project Management

- Gain in-depth knowledge of the building-development process.
- Investigate environmentally sustainable ways to complete projects.
- Upon graduation, write the professional examination of the Ontario Institute of Quantity Surveyors.

- A variety of minors are available—see page 94 for more information.

After Graduation

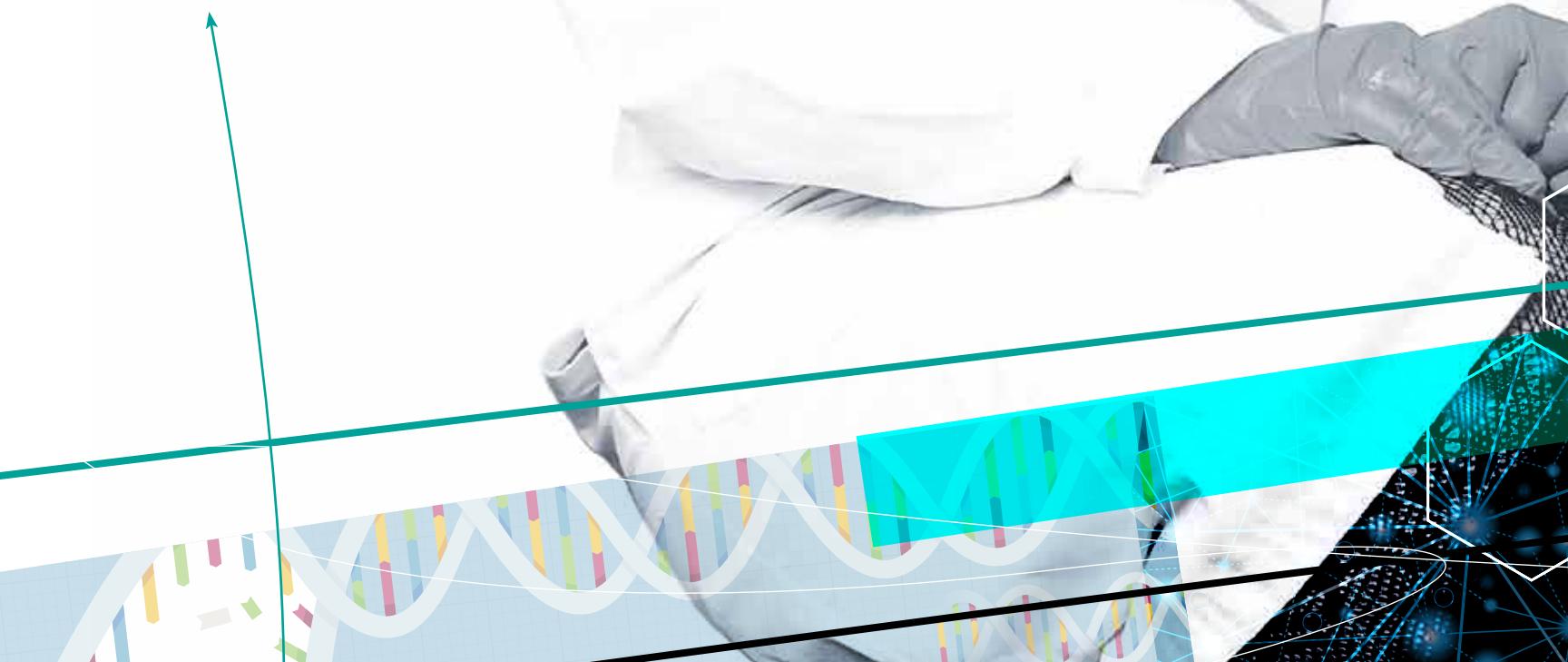
- Work in the architecture, engineering and construction (AEC) industry.
- Pursue roles in architecture, building science and project management, government policy-making, real estate development, material and building manufacturing, and construction.
- Join or establish a consulting firm, or work in industry-related product development, testing, marketing, sales, production or digital applications.
- Complete a professionally accredited master of architecture (MArch) degree program at Ryerson or another institution to be eligible to become a registered architect.
- Complete Ryerson's graduate program in Building Science (MBSc/MASc), or pursue advanced studies in real estate, finance, urban planning, business or construction law.





"If you are a leader and if you strive to make a positive impact, Ryerson is for you. My professors and colleagues were very supportive and helpful, and my interactions with the dean and professors gave me many opportunities to attend conferences and be a part of the action. It's easy to make a mark at Ryerson and the opportunities are there for those courageous enough to take them."

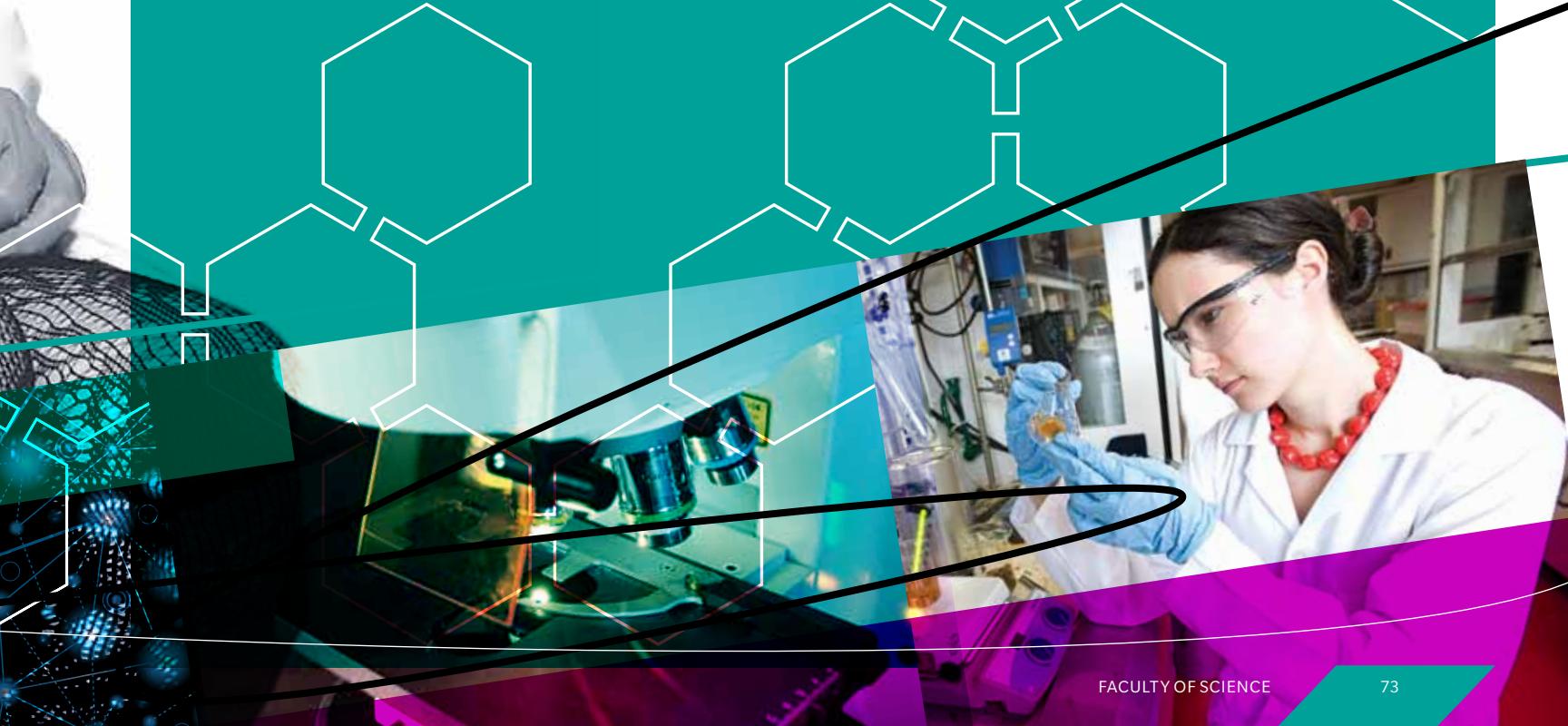
Karen Quinto
Biology '14



FACULTY OF SCIENCE

At Ryerson, we believe science is all about discovery and results. We call our approach 'connected science' and our top priority is to connect students with faculty members who are passionate about researching and learning in all areas of science. We guide students with a passion for science through a process of academic discovery that leads, ultimately, to an understanding of the real-world impact of connected science.

- 74 Biology
- 75 Biomedical Science
- 76 Chemistry
- 77 Computer Science
- 78 Financial Mathematics
- 79 Mathematics and its Applications
- 80 Medical Physics
- 81 Undeclared Science



biology



Biology—Is It For You?

The quest to understand the nature of living organisms lies at the heart of biology. Ryerson graduates trained in this natural science are skilled problem solvers and adept users of technology who pursue scientific investigations into the many different areas of biology. Biologists who integrate other disciplines such as chemistry, psychology, computers, physics and management into their practice can work at the leading edge of science and technology. The program's broad foundation in biology, from bacteria and cells to plants and animals, can help you gain a deeper understanding of cellular structure and function, the environment, bioinformatics and other areas.

Experience

Work Placement: The program's co-operative education option enables you to gain 20 months of paid work experience related to your training.

Research Opportunities: Investigate a specific science topic in depth by assisting faculty with research, and by completing an independent faculty-supervised thesis project.

Comprehensive Training: Professors engaged in both fundamental and industry-oriented research will help you develop a strong understanding of established principles and modern practices in biology.

Classes

- You will participate in common, first-year courses with students in Chemistry and Medical Physics.
- Your second year will feature more specialized courses such as microbiology and cell biology. By the end of your first two years, you will have a solid understanding of those disciplines as well as biochemistry, ecology, genetics, botany and zoology, along with practical skills from laboratory applications of the disciplines.

- In years three and four, you will complete courses in evolution and molecular biology, take professionally-related elective courses such as environmental biology, physiology or cell signaling, explore the applications of biological science, and engage in research and independent-study opportunities.
- Optional specializations in Bioinformatics and Computational Biology, Biophysics or Environmental Biology allow you to further customize your degree. Students in any stream can also pursue an optional designation in Management Science.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in areas such as biochemistry, environmental sciences, health sciences, molecular sciences or scientific sales and marketing.
- Pursue roles in research or science management for government, academia or industry, or in technical support, product development or quality control for the agri-food, biotechnology or the pharmaceutical sector.
- Earn a master's or doctorate degree in your discipline or pursue a professional degree in medicine, dentistry or another health-related field.
- Use the BSc as a launching pad to a career in fields such as business, journalism, law, education, marketing or consulting.

biomedical science

Biomedical Science—Is It For You?

What we know today about diseases and how to diagnose and treat them largely comes from the pioneering work of biomedical scientists, who play a critical role in advancing knowledge about how cells function. Armed with deep theoretical and practical knowledge in the cellular and molecular sciences, Ryerson graduates conduct research to better understand medically relevant concerns such as how cells turn cancerous, how microorganisms attack the body and how gene expression affects aging. You will be prepared to understand how the body works, and generate newer and better therapies and other approaches to address illness. A large and growing field with a strong demand for qualified practitioners and researchers, biomedical sciences offers a variety of rewarding career opportunities in government, academic and industrial settings.

Experience

Work Placement: The program's co-operative education option enables you to gain 20 months of paid work experience related to your training.

Applied Learning: Advance your biomedical research abilities through volunteer terms or summer research internships at Ryerson or a nearby hospital.

Practical Project: Explore an area of biomedical sciences in depth by completing a research thesis project or major capstone assignment.

Ideal Setting: With Toronto being the epicentre of Canada's thriving biomedical industry, you will be in close proximity to several life sciences companies, pharmaceutical makers, major hospitals and MaRS, Ontario's incubator for bioscience start-ups.

Classes

- In your first year, you will gain foundational knowledge in the general sciences through courses in subjects such as biology, physics, chemistry, math and psychology. You will also explore the fundamentals of biomedical sciences.
- In year two, you will be introduced to the main themes that underpin molecular sciences by taking courses in cell biology, genetics, microbiology and physiology.
- Higher-level biomedical sciences courses in years three and four will deal with subjects such as advanced biochemistry, molecular biology, immunology, experimental design and critical thinking in biomedical sciences. You may wish to complement your career with electives in areas such as systems biology, cancer biology or stem cell biology.
- Your education will be well-rounded by choosing from a variety of liberal studies to diversify your learning experience.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work at clinical and forensic laboratories, in the biotechnology and pharmaceutical industries, or at biomedical research institutions.
- Explore related opportunities at non-governmental organizations, health administration organizations, policy organizations, consulting management companies and patent law firms.
- Advance your education through Ryerson's graduate programs in Molecular Science (MSc and PhD) or through professional schools in medicine, dentistry, veterinary medicine, pharmacy or physiotherapy.



chemistry

Chemistry—Is It For You?

Chemistry plays a leading role in our world and our lives. Focused on understanding matter and energy and their interactions with each other, this essential science is a part of everything we do, from creating new, useful materials and products to protecting the environment and fighting disease. This program focuses on understanding matter and energy and the ways they interact. Ryerson graduates in this dynamic field are involved in a range of exciting research areas and applications, and can pursue a variety of opportunities in analytical chemistry, synthesis, biochemistry, the pharmaceutical industry and more.

Accreditation

The Chemistry program is accredited by the Canadian Society for Chemistry.

Experience

Work Placement: The program's co-operative education option enables you to gain 20 months of paid work experience related to your training.

Laboratory Work: Much of the training in this program takes place in fully equipped laboratories, helping you translate theory into practice.

Practical Experience: The opportunity to study research literature and present your work to other scientists provides valuable career preparation.

Thesis Project: You can take on an independent, faculty-supervised laboratory research project to conduct an in-depth exploration of a specific chemistry topic.

Classes

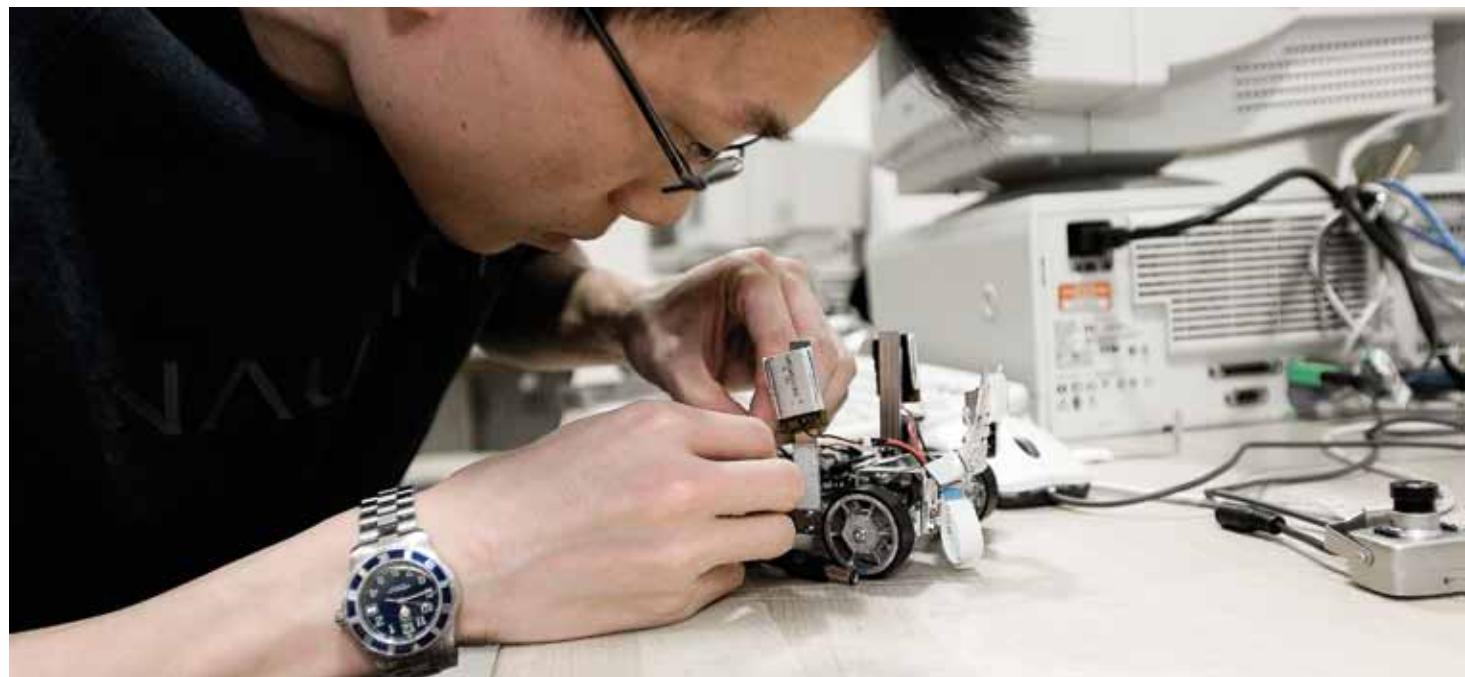
- You will participate in common, first-year courses with students in Biology and Medical Physics.
- In second year, you will begin to specialize in your chosen major—either Chemistry, or Chemistry with a specialization in Applied Physics. Students in either stream can also pursue an optional designation in Management Science.
- Core courses in the first two years build the foundation for further study in chemistry and focus on organic, physical and analytical chemistry, as well as other courses in the maths and sciences.
- In years three and four, your core and elective courses will provide you opportunities to conduct research and explore the applications of chemical science through advanced courses such as inorganic chemistry; materials, polymer and pharmaceutical chemistry; instrumentation, spectroscopy and chromatography; quantum physics; and environmental science.
- Additional courses in communication and liberal studies provide you with a broader cultural prospective.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Take advantage of the demand for science-educated professionals and explore growing opportunities to work as a scientist, researcher or science manager in government, academia or industry.
- Seek employment in areas such as biotechnology, environmental science, laboratory analytical services, product development and quality control. Your chemistry training may even open doors to careers in business, journalism, law, education, marketing and consulting.
- Pursue graduate studies, or opt for a professional program in medicine, dentistry or another health-related field.



computer science



Computer Science—Is It For You?

In today's hyper-connected digital age, computer science has a big influence on the way we live, work and play. Organizations in almost every sector depend on the ideas, skills and support of computer scientists to thrive. Computer scientists play a key role in driving our society and economy forward. They solve software-related problems by applying theoretical principles, knowledge of systems, algorithms and software engineering methodologies. They develop secure, reliable and innovative software applications, and they work productively in a team environment. Ryerson graduates are ready to meet the challenges of this dynamic field and are in demand for their superior abilities in designing and implementing effective computer software.

Accreditation

The Computer Science program is accredited by the Computer Science Accreditation Council of the Canadian Information Processing Society (CIPS).

Experience

Work Placement: The program's co-operative education option enables you to gain a minimum of 16 to 20 months of paid work experience related to your training. To be admitted into the co-op program, you must have a cumulative GPA of 3.0 at the end of second semester. Students normally commence work terms upon completion of the second year of the program.

Leading-edge Facilities: The School of Computer Science is housed in the George Vari Engineering and Computing Centre, a \$70-million facility with state-of-the-art lecture theatres, specialized applied-research facilities and high-tech laboratories where you have access to the best and most recent computers and software.

Classes

- In your first two years, you will take courses on Java and other in-demand programming languages, and study data structures, software engineering, operating systems and the software/hardware interface.

- In your third and fourth years, you will take advanced computer science courses in operating systems, software engineering, robotics, artificial intelligence, data communication networks, computer security, human-computer interaction, programming languages design and compiling, computer graphics, information retrieval, platform-based development, database systems, multimedia systems, mobile platform development, automata and computability and advanced algorithms. Many of these courses are elective, and you will be able to choose those courses that you find most interesting.
- Elective courses in advanced mathematics include graph theory, logic and computability, numerical analysis, computational complexity and cryptography.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Explore a wide variety of leadership roles in the computing industry, or start your own consulting business.
- Work in the civil service, or for manufacturers, banks, utility companies, computer service, insurance companies and consulting firms.
- Typical starting positions include applications programmer, support programmer/analyst and database administrator.
- Use your BSc as a springboard to graduate studies, such as Ryerson's master of science (MSc) program in Computer Science, which provides a solid background in core subject areas and exposure to cutting-edge computer science research, or Ryerson's graduate programs in Computer Networks (MSc and MEng) and Electrical and Computer Engineering (MSc, MEng and PhD).

financial mathematics

Financial Mathematics—Is It For You?

Graduates from this program are trained to drive our economy forward by learning how to leverage cash flow and create wealth. The program offers a chance to learn practical investing advice and work on real-world case studies on current issues within the financial industry. With their strong quantitative backgrounds that include in-depth knowledge of economics, financial instruments and statistical techniques, Ryerson graduates make a valuable contribution to the financial sector.

Experience

Work Placement: The program's co-operative education option enables you to gain 20 months of paid work experience related to your training.

Research Opportunities: Apply classroom theories and concepts by performing research relevant to the financial industry.

Experiential Learning: Put financial mathematics principles into practice through capstone courses that offer practical opportunities in investment management and risk analysis.

Relevant Assignments: Explore the practical dimensions of financial mathematics strategies by preparing case studies that address real-world problems in the financial industry.



Classes

- In your first year, you will take foundational courses in modern mathematics, financial accounting, managerial finance and computer science.
- Among the topics you will study in your second and third years are calculus, geometry, dynamical systems, differential equations, probability and statistics, investment analysis, microeconomics, computational methods, numerical analysis, stochastic calculations and business communications.
- Your fourth year will include advanced courses in financial mathematics, as well as others in investment analysis, applied linear algebra and financial risk management.
- Choose from a variety of liberal arts and elective courses to complement your core learning.
- A variety of minors are available—see page 94 for more information.

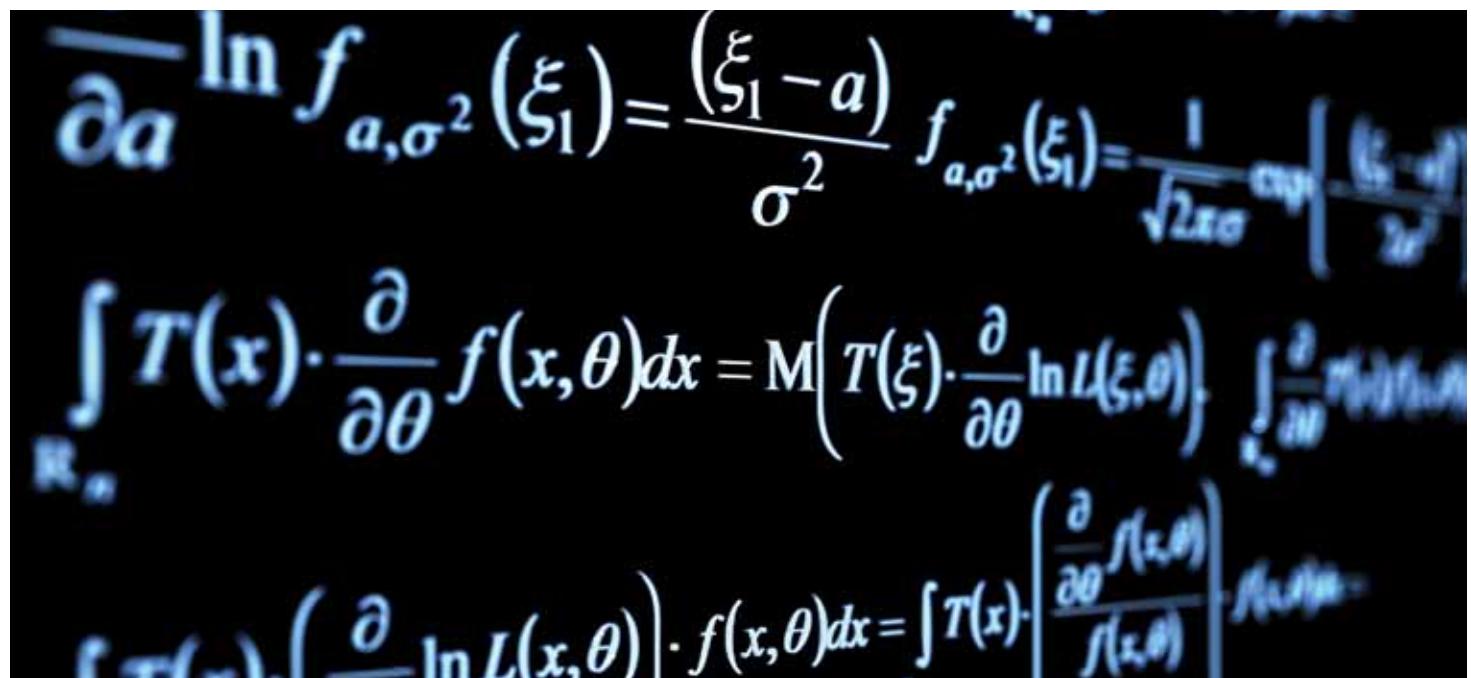
After Graduation

- Work for private companies or government departments that require the expertise of financial professionals.
- Pursue roles such as investment professional, auditor, accountant, financial manager, business service manager, systems analyst, computer programmer or mathematician.
- Perform tasks related to computational finance, financial engineering, investment banking, risk management software, trading system development, securities trading, financial risk management, derivatives trading, risk management, collateralized debt obligation or credit default swaps.
- Use the bachelor of science degree as a gateway to further studies in math, business or other disciplines.

"Having a strong understanding of mathematics is a vital skill in today's highly competitive world of finance and this program develops those skills well. At the end of the day I know the knowledge I gain in the classroom will relate to my demands in the workplace, making me that much more employable."

Zachari Greenwald
2nd year Financial Mathematics

mathematics and its applications



Mathematics and its Applications—Is It For You?

What do the human nervous system, the evolution of animals and the stock market have in common? Each area can be explained in various ways by mathematics. Mathematics is a powerful problem-solving tool and a highly creative field of study that requires students to identify patterns using a combination of logic, exacting principles and imagination. Graduates will have skills that can lead to postgraduate studies or careers that require analytic and quantitative skills such as engineering, science, economics or finance.

Experience

Work Placement: The program's co-operative education option enables you to gain 20 months of paid work experience related to your training.

Thesis Project: Apply what you have learned in core courses to develop a creative mathematical solution for a significant problem.

Groups and Seminars: Join student groups and attend seminars run by the Department of Mathematics to enhance your knowledge and skills, and to stay current on new developments in the field.

Research Initiatives: Engage in cutting-edge research using state-of-the-art equipment at the Ryerson Applied Mathematics Laboratory.

Classes

- In the first year, you will take core courses in mathematics, computer science and science that will prepare you for future study in mathematics and other related disciplines. You will take a number of elective courses allowing you to tailor your education to your desires.

- In second year, you will take mathematics courses in analysis, algebra and statistics to enhance your ability to apply mathematics to practical issues. In this year, you also begin to take electives that offer you the opportunity to explore disciplines related to mathematics.
- Your third and fourth years will continue with advanced courses in mathematics. You may opt to write a thesis in your fourth year and apply your mathematical knowledge to a wide array of practical problems.
- Optional specializations in Computer Science and Economics, allow you to further customize your degree, by taking additional courses in these fields: computer science students will take courses in the fields of robotics, artificial intelligence or Internet security; economics students will study areas such as international trade, public finance and environmental economics.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Pursue opportunities in a wide range of sectors, from finance to computer security to medical research.
- Work as a computer or research scientist, educator, economist or actuary for industry, business and government.
- Engage in activities such as biological and environmental studies, design and analysis of market research, software development and consultancy, manufacturing design and testing, statistical analysis for polling agencies, and insurance and accounting.
- Explore related career opportunities in fields far beyond science and engineering, such as medicine, business and the social sciences.

medical physics

Medical Physics—Is It For You?

If you are interested in medicine and curious about how physics is applied in the diagnosis and treatment of illnesses, then this applied program is for you. Medical physics applies physics-based concepts and methodologies to procedures such as medical imaging, radiation therapy, radiation protection and dosimetry. The program offers training and state-of-the-art technologies and facilities to prepare students for careers in medical imaging, radiation therapy, health physics and research.

Experience

Work Placement: The program's co-operative education option enables you to gain 20 months of paid work experience related to your training.

Modern Tools and Techniques: Study the latest approaches and use state-of-the-art technologies to learn how to detect and address cancer and other diseases.

Practical Training: Put your learning into practice by undertaking an independent, faculty-supervised thesis project in an area of research that interests you.

Classes

- You will participate in common, first-year courses with students in Biology and Chemistry.
- Upper-year courses focus on discipline-specific subjects such as imaging, radiation therapy, health physics and radiation protection, while others overlap with the biology, biophysics, chemistry and applied physics curriculum paths.
- Courses and lab work will cover topics such as radiation biology, image analysis, medical diagnostics and computer modelling techniques.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work for businesses, industry and health-care organizations engaged in the application of physics and technology.
- Pursue roles in medical research, radiation exposure testing, cancer diagnosis/management services and research.
- Use your BSc as a bridge to a professional program in medicine, dentistry, pharmacy, business, law or education.
- Complete physics or health/medical physics graduate studies—for example, Ryerson's MSc and PhD programs in biomedical physics. Graduate programs prepare you for a career as a medical physicist or university professor/researcher.

"Ryerson has been supportive of my research in biomedical applications of ultrasound. I have access to top-notch facilities, talented students and collaborations with leading hospitals. Thanks to Ryerson, I can take my ideas from the lab to the bedside – where it's needed most."

Michael Kolios, BSc, MSc, PhD

Professor, Physics
Canada Research Chair, Tier II,
Biomedical Applications of Ultrasound
Associate Dean, Research and Graduate Studies



undeclared science

Science—Is It For You?

Undeclared Science is a one-year entry option that allows you time to explore three different areas before deciding which one you wish to pursue as your major.

At a time when many branches of science are converging and new fields are emerging, there has never been a more exciting time to study science. Ryerson students in this diverse field of study learn about established principles and current practices in the broad areas of biology, chemistry and medical physics to gain a career-oriented science education. Scientists use problem-solving skills and technological expertise to understand a variety of concepts and questions in modern science.

Classes

- You will gain broad exposure to different scientific disciplines in your first year. You will participate in common, first-year courses with students in Biology, Chemistry and Medical Physics.
- First-year studies include an introduction to the use of computers as scientific tools, and an orientation course to support a successful transition to university and provide assistance for planning your degree completion.

Program Transfer

By February of your second semester, you will choose which of the three programs you wish to pursue over the next three years. All of your completed courses will be credited to your new program. Program transfers are considered on a competitive basis and are subject to program capacity.

For more information:

Biology, page 74

Chemistry, page 76

Medical Physics, page 80



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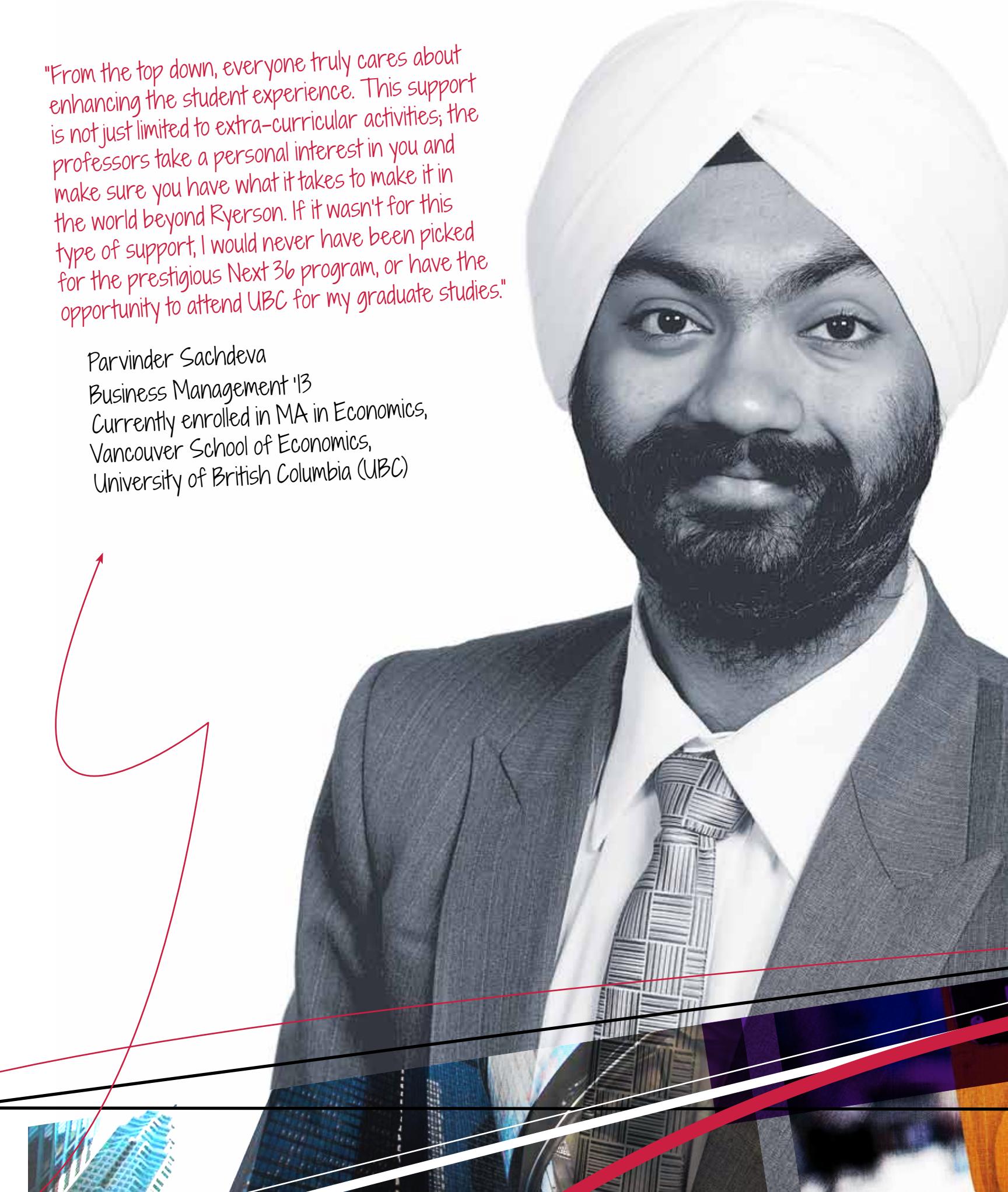


"From the top down, everyone truly cares about enhancing the student experience. This support is not just limited to extra-curricular activities; the professors take a personal interest in you and make sure you have what it takes to make it in the world beyond Ryerson. If it wasn't for this type of support, I would never have been picked for the prestigious Next 36 program, or have the opportunity to attend UBC for my graduate studies."

Parvinder Sachdeva

Business Management '13

Currently enrolled in MA in Economics,
Vancouver School of Economics,
University of British Columbia (UBC)



TED ROGERS SCHOOL OF MANAGEMENT

Ted Rogers School of Management students are uniquely equipped to become the leaders of tomorrow. Backed by passion and drive, students are encouraged to be innovative, entrepreneurial and invested in their own success. Through theoretical and practical education, faculty inspire students to be independent, socially responsible and prepared to take on 21st-century challenges. Independent and group studies, student activities and case competitions encourage an open exchange of ideas and perspectives between students and professors. In today's complex world, our students continue to impress with their focus, determination and critical thinking.

- 86 Accounting & Finance
- 87 Business Technology Management
- 88 Business Management
- 90 Health Information Management
- 91 Health Services Management
- 92 Hospitality and Tourism Management
- 93 Retail Management

accounting & finance

Accounting & Finance—Is It For You?

The financial industry is one of the most exciting and dynamic areas of business. The sector is rapidly changing to reflect globalization and more qualified professionals are needed to lead the industry. As such, the Ted Rogers School of Management is proud to offer the newest specialization to the school, the Bachelor of Commerce degree program in Accounting or Finance. One of the most sought-after areas of study in business, a degree in Accounting or Finance will graduate career-ready professionals, who are equipped with the knowledge and skills to take on Bay Street, Wall Street and the world of business.

Accreditation

The School of Accounting & Finance is accredited by the Association to Advance Collegiate Schools of Business (AACSB). AACSB is a global non-profit membership organization that accredits undergraduate, master's, and doctoral programs offered by educational institutions. Less than five per cent of business schools worldwide have earned this distinguished hallmark of excellence in management education.

The School of Accounting & Finance is also recognized by the CFA (Chartered Financial Analyst) Institute.

Experience

The Ideal Location: Study in the heart of Canada's financial district, along Bay and Dundas Streets, which ranks as the 12th most influential financial centre in the world according to the Global Financial Centre Index.

Experiential Learning: An integrative approach to learning guarantees you will put knowledge into practice while completing your degree. Gain current, practical experience through case competitions, networking events, workshops and conferences. An advisory board comprised of industry executives will ensure curriculum is always current and relevant, offering students the necessary training to meet the ongoing needs of the marketplace.

Expert Instruction: Highly skilled and dedicated faculty members will provide you with real-world insight into the complex worlds of accounting and finance.

Classes

- The first two years of the Accounting & Finance program provide a base for future studies in either field. Later years of study will allow students to specify between a BComm – Accounting or a BComm – Finance.
- The program stresses the integration of teaching the core principles of both disciplines, enabling students to learn and apply the technical aspects to real-life situations.
- An accounting major will provide students with the courses necessary toward earning a Chartered Professional Accountant (CPA) designation.
- Students who major in finance learn about the science of funds management, as well as derivatives markets, the mutual funds industry and advances in electronic data interchange.
- Rounding out the curriculum are courses in marketing, management, human resources, information technology and decision support systems.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work as a controller, chief financial officer, partner in a public accounting firm or in other roles across Canada's financial sector, including in financial management, personal financial planning, securities trading, insurance, mutual and pension funds, and the capital market.
- Continue your education by applying your knowledge towards professional designations, including a CPA, CFA or CFP.

"In SAF (School of Accounting & Finance), study becomes fun. To help our students gain solid finance and accounting knowledge, we offer not only rigorously designed curriculum but also plenty of fun creating experiential learning lectures. Students will have ample opportunities to participate in various internship programs and investment competitions."

Yuanshun Li, PhD
Associate Professor, Finance



business technology management



Business Technology Management—Is It For You?

Organizations of all types and sizes rely on Information and Communication Technologies (ICT) to remain competitive. Due to the importance and ubiquity of ICT, it has become essential for business leaders to be able to manage their ICT resources and infrastructure. Graduates of this program bridge the gap between business and information technologies; help solve business problems and develop business strategies; and improve organizational processes and performance by using state-of-the-art technology and methodologies.

Accreditation

The Business Technology Management program is accredited by the Association to Advance Collegiate Schools of Business (AACSB). AACSB is a global, non-profit membership organization that accredits undergraduate, master's and doctoral programs offered by educational institutions. Less than five per cent of business schools worldwide have earned this distinguished hallmark of excellence in management education.

Experience

Situated in the heart of Toronto's business district at the corner of Bay and Dundas streets, the Ted Rogers School of Information Technology Management is a business/technology hybrid, and Canada's only school dedicated to business management and ICT. Take advantage of:

Modern Facilities: Learn the field using the latest applications, communication and development software in state-of-the-art multimedia classrooms, computer labs and research centres—all of which feature wireless Internet access.

Practical Training: Engage in real-world learning through problem-solving with case studies, using industry-standard tools, participating in an optional summer practicum and developing a business technology plan for an actual client.

Paid Work Terms: The optional five-year co-op program offers up to 20 months of paid work placements that enable you to access mentoring and gain valuable work experience.

International Student Exchange Program: Expand your studies and enhance your understanding of the globalization of today's marketplace.

Classes

- Your introduction to the underlying principles of ICT-supported innovation and management starts with courses in accounting, human resources, marketing, foundations of management and statistics for management.
- Further into your program, you will study systems analysis/design, IT infrastructure, project management, business process management, managing information systems, and information technology and strategic management.
- Throughout your program, you will build your interpersonal, collaborative, communication and leadership skills.
- A variety of minors are available—see page 94 for more information.

Part-Time Studies

Classes run evenings and weekends with some access to daytime classes, allowing you to pursue your education while building experience in the field or to continue working as you transition to a new career.

After Graduation

- Work in two distinct markets: ICT, which supplies and supports hardware, software, systems and services; and the “user community,” which consists of any organization that uses ICT.
- Pursue graduate studies through Ryerson graduate programs, which include: a master of management science (MMSc) in Management of Technology and Innovation or a master of business administration (MBA).

business management

Business Management—Is It For You?

If you want to study in the heart of Toronto's business district, in the largest English language undergraduate business school in Canada, then the Ted Rogers School of Business Management at Ryerson is the place to be. Ryerson-educated business executives use their extensive knowledge of business functions and marketplace dynamics to run businesses, effectively manage teams, achieve business objectives and increase profits. Working at all levels of industry and government, or as entrepreneurs, our graduates are highly valued executives who excel at helping companies grow, innovate and succeed.

Accreditation

The Business Management program is accredited by the Association to Advance Collegiate Schools of Business (AACSB). AACSB is a global, non-profit membership organization that accredits undergraduate, master's, and doctoral programs offered by educational institutions. Less than five per cent of business schools worldwide have earned this distinguished hallmark of excellence in management education.

Experience

Modern Facilities: Study in state-of-the-art multimedia classrooms, computer labs and research centres – all of which feature wireless Internet access.

Experiential Learning: Learn how to use the knowledge gained in class through hands-on practice and case studies. Student case competitions also allow for real-world business case analysis and presentations to industry leaders.

Industry Access: Guest speakers, special events, student groups and volunteer opportunities connect you with industry executives and keep you current on business trends and issues.

International Student Exchange Program: Expand your studies and enhance your understanding of the globalization of today's marketplace.

Classes

- Get a solid foundation in basic business functions and various business disciplines in first year. You'll be welcomed into a supportive first-year learning community aimed at enhancing your success.
- In second year, choose from the widest and most flexible selection of business management majors in Canada, including:
 - **Economics and Management Science:** Develop strong analytical and model-building skills to effectively acquire and analyze business data and make successful management decisions. This major will feature courses in macroeconomics, microeconomics, quality management, labour economics, managerial finance, business forecasting, law and research.
 - **Entrepreneurship:** Bring your business idea to life by learning how to create and sustain a viable, competitive enterprise. Study entrepreneurial behaviour, opportunity identification, business planning, management of innovation and entrepreneurial finance. In your final year, you will help a real entrepreneurial venture grow.
 - **Global Management Studies:** Develop decision-making skills and an understanding of worldwide cultures to function successfully in today's global business environment. Learn how global events, supply chains and distribution channels shape management decisions, and how to compete internationally. Study international marketing, finance and relations, as well as project management and the management of multinational enterprises.

- **Human Resources Management & Organizational Behaviour:** Learn how to build and sustain an organization's workforce to achieve business objectives, and promote a positive and productive workplace culture. Study human resources management, organizational behaviour, the management of interpersonal dynamics, training and development, negotiation skills and leadership. This major is your first step toward achieving the Certified Human Resources Professional designation.
 - **Law and Business:** Featuring the strongest integration of law and business among all bachelor of commerce programs in Canada, this major provides valuable knowledge of contract negotiations, human resources, risk management, policy development and property transactions, and corporate social responsibility and governance. Learn how to effectively evaluate competing arguments when making business decisions.
 - **Marketing Management:** Explore the marketing principles and practices and the quantitative and information technology skills needed to work in areas such as brand management and analysis, marketing research, communications, services and retail management. Study marketing metrics, case analysis, social media, consumer behaviour, marketing research, business intelligence, decision modelling, strategic planning and market plan development.
 - **Real Estate Management:** Be a part of an industry that is one of the largest contributors to both the local and national economy. The real estate major provides students with the expertise to excel in this bustling entrepreneurial arena on both the residential and the commercial property side. Study core subjects such as real estate finance, property development, economics, sustainability and real estate law. Explore your options and customize your degree according to your own interests and career aspirations in real estate management.
- If you have completed a three-year diploma from a community college and are a Direct Entry student, you will choose your major when you apply.
 - Broaden your perspective and awareness of topical social, human and economic issues by taking liberal studies and professionally related courses throughout the program.
 - Enjoy the flexibility of studying part time to build your experience in the field, or to continue working as you transition to a new career.
 - A variety of minors are available—see page 94 for more information.

After Graduation

- Work in all levels of government and industry in every sector, or start your own business.
- Pursue graduate studies in one of three Ryerson master's programs: master of business administration (MBA), master of business administration in Management of Technology and Innovation (MBA) and master of management science in Management of Technology and Innovation (MMSc).



health information management



Health Information Management—Is It For You?

Behind every effective health-care institution is a robust system for managing health services information. Health information managers are proficient at collecting, storing, processing, analyzing and communicating information that is used to plan, research, provide and evaluate health-care services. Ryerson graduates have in-depth knowledge of today's evolving health information environment, and understand how to provide efficient and cost-effective health-care services.

Accreditation

The Health Information Management program is accredited by the Association of University Programs in Health Administration.

Experience

Practicum Seminars: Build your presentation and project management skills by participating in practicum seminars.

Independent Research: Apply classroom learning by working on a health information management project with a health-care organization.

Leadership Speaker Series: Gain an insider's perspective on the profession as health-care leaders share insights on current industry trends and issues.

Classes

- This part-time, degree-completion program features 24 one-semester courses—the equivalent of approximately two years of full-time study.
- Courses build on your knowledge of the theory of health information management, Canadian health-care systems and the health information professional's role in health services organizations.
- Take courses in health information analysis, health information systems management, managerial accounting and finance, health ethics, health law, program planning and evaluation, research methodology and human resources management.

- Complement your core courses by choosing from a variety of electives in relevant areas such as business information systems, information technology management, quality assurance and quantitative methods.
- Courses are available in three formats: on-site evening classes that take place once or twice a week; distance education classes by Internet, CDs or printed materials; and modular courses taught on campus over three non-consecutive extended weekends.

Admissions

- Two-year diploma in an accredited or recognized health record/health information management program, with a minimum 3.0/B/70 per cent cumulative GPA and at least two years of related experience in the field of health information management.

OR

- Three-year Advanced Diploma program in applied health sciences (e.g., nursing, radiology) from a public Ontario College (or equivalent) with a minimum 3.0/B/70 per cent cumulative GPA required. The diploma must include a one-year introductory university-level humanities course or equivalent.

Note: Applicants with other post-secondary academic backgrounds and extensive work experience in the field will be considered on an individual basis.

After Graduation

- Work in managerial roles in health information management departments at health facilities and community-based or government agencies.
- Continue studying at an advanced level to enhance career prospects.
- You may be eligible to enhance your professional credentials by pursuing memberships in CHIMA and the American Health Information Management Association, and obtaining the Certified Health Executive designation from the Canadian College of Health Leaders.

health services management

Health Services Management—Is It For You?

Health services managers play a meaningful role in making Canada's health system one of the best in the world. Ryerson introduces you to a dynamic and growing field that involves planning and directing the delivery of nursing, therapy, treatment and other services at hospitals and other health organizations.

Accreditation

The Health Services Management program is accredited by the Association of University Programs in Health Administration.

Experience

Practicum Seminars: Build your presentation and project management skills by participating in practicum seminars.

Independent Research Project: Apply classroom learning in a real-world context by working on a health management research project with a health-care organization.

Leadership Speaker Series: Gain an insider's perspective on the profession from health-care leaders as they share their insights on current industry trends and issues.

Classes

- Health Services Management is a degree-completion program featuring 22 one-semester courses—the equivalent of approximately two years of full-time study.
- Courses build on your knowledge of Canadian health-care systems and the manager's role in a health services organization, and develop leadership capabilities for a variety of health facilities.
- Learn about the needs and rights of health-care clients, and the social, economic, political and ethical factors influencing rapid change in the health system.
- Take courses that focus on the most current theories and practices of human resources management, financial management, health ethics, health law, program planning and evaluation.
- Choose from a variety of relevant electives in areas such as the sociology of health, women's health, health economics, union-management relations, business communication, and occupational health and safety.
- Courses are available in three formats: on-site evening classes that take place once or twice a week; distance education classes by Internet, CDs or printed materials; and modular courses taught on campus over three non-consecutive extended weekends.

Admissions

- Three-year Advanced Diploma program in applied health science (e.g., nursing, medical laboratory technology), from a public Ontario College (or equivalent) with a minimum 3.0/B/70 per cent cumulative GPA is required. The diploma must include a one-year introductory university-level humanities course or equivalent.

OR

- Bachelor's degree or higher in a field related to health sciences from an accredited university or a bachelor's degree, and at least two years of professional experience in the health services field.

After Graduation

- Work in managerial roles at health facilities and community-based or government agencies.
- Continue studying at an advanced level to enhance career prospects.
- You may be eligible to enhance your professional credentials by pursuing the Certified Health Executive designation from the Canadian College of Health Leaders.



hospitality and tourism management

Hospitality and Tourism Management—Is It For You?

Dynamic, innovative and constantly evolving, the hospitality and tourism industry is full of exciting employment opportunities, at home and abroad. Ryerson graduates in this bustling field are business management professionals who successfully lead organizations in areas such as accommodation, food and beverage, and sustainable tourism. As the largest and fastest-growing field in the world, hospitality and tourism employs one in 10 Canadians and is a gateway to a variety of fulfilling careers.

Accreditation

The Hospitality and Tourism Management (HTM) program is accredited by the Institute of Hospitality (formerly HCIMA), a professional body for managers working in the hospitality, leisure and tourism industry.

Experience

The Ted Rogers School of Hospitality and Tourism Management is the longest-running program of its kind and one of only three Bachelor of Commerce HTM programs in Canada. This program offers students:

Practical Training: In the Cara Demonstration Kitchen and the teaching and preparation kitchens, you will observe live food-management demonstrations by chefs and vendors, and run your own restaurant facility.

Work Experience: Put your classroom training into practice and strengthen your career prospects by completing 1,000 hours of work experience at industry related positions such as guest services agent, hospitality industry representative, housekeeping, tour guide, event and catering coordinator, human resources generalist, etc.

Modern Facilities: Study in state-of-the-art multimedia classrooms, computer labs and research centres—all of which feature wireless Internet access.

Research Opportunities: Work on industry-related research projects in the Ted Rogers Institute of Tourism and Hospitality Research.

Career Connections: Access job leads, employment resources and one-on-one career support at the Ted Rogers School of Management Career and Employer Partnerships Office. The Ted Rogers School of Hospitality and Tourism Management also has an active alumni and Advisory Council, who are current leaders in the hospitality and tourism field and help to connect students to industry professionals through networking, career and social events.

Campus Groups: Hone your skills, build your peer network and stay current on industry trends by getting involved in a variety of hospitality and business-related student groups.

Classes

- Kick off your first year with courses in the food and service industry, lodging operations, human resources and tourism. Business studies focus on microeconomics, business information systems, financial accounting and macroeconomics.
- In second year, you will study food and beverage cost-control systems, organizational behaviour, property management, marketing, statistics for business, research concepts, law, and market distribution channels for travel products and services.
- Advanced courses in third and fourth year focus on managerial accounting, new business planning, service management systems, hospitality information systems, revenue management, asset management, research and data analysis, and management career strategies.
- Rounding out your education are electives in subjects such as corporate communications, statistics, politics, finance, retailing, economic geography and psychology.
- Learn through a variety of formats, including fieldwork, case studies, simulations, workshops, seminars and group projects. Many students do one-day-a-week semester-long internships that may include corporate research, field projects or operational roles.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Pursue local, national and international opportunities or launch your own enterprise within all areas of the industry, including accommodations, sustainable tourism and outdoor recreation, attractions, food and beverage, tourism services, transportation, travel trade and events, and conferences.
- Work in roles such as operations management, sales, marketing, human resources, information technology, revenue management, consulting, customer service, research, and policy and planning.

"Professors and faculty are extremely well-connected in the industry and share the wealth of their knowledge with students. Working in the front office, reservations and housekeeping departments of hotel brands such as Marriott and Four Seasons provided me with a thorough understanding of hotel operations and gave me a real competitive advantage when entering the workforce."

Wendy Schofield
Hospitality and Tourism Management '14



retail management

Retail Management—Is It For You?

Retail is a diverse and dynamic industry full of interesting and lucrative employment paths, and Ryerson grads have the in-demand knowledge and experience to excel as retail professionals. As the largest industry in Canada, retail employs nearly two million people and features career opportunities in everything from store operations and entrepreneurship to merchandising and brand management. As the only degree program of its kind in Canada, students will be provided with a targeted Bachelor of Commerce education which includes theory and practical experience for those that wish to become in-demand professionals at the forefront of the retail industry.

Accreditation

The Retail Management program is accredited by the Association to Advance Collegiate Schools of Business (AACSB). AACSB is a global, non-profit membership organization that accredits undergraduate, master's and doctoral programs offered by educational institutions. Less than five per cent of business schools worldwide have earned this distinguished hallmark of excellence in management education.

Scholarships

Every year \$170,000 in scholarships are awarded to students by industry partners, including Loblaw Companies Ltd., The Hudson's Bay Company, Sears and Wal-Mart. In addition, the Ted Rogers Awards recognizes the achievements of top students entering their first year of university – valued at over \$10,000, some of which are renewable.

Experience

Retail Internship: Build your industry experience through a paid, mandatory internship in managerial areas such as store operations, buying, visual merchandising, marketing and social media, shopping centre management, or a variety of business analyst roles. Recent students have worked for companies such as Loblaw Companies Limited, Ivanhoe Cambridge, Rogers Communications, Target Canada, STAPLES, and TJX/Winners Merchants.

Practical Learning: At the Ted Rogers School of Retail Management, you will have the opportunity to work with industry professionals on real-life case studies, meet retail executives and engage in exclusive networking opportunities.

- Show your creative side by designing a visual display for a retailer in Downtown Toronto.
- Participate in Retail Week—a week-long series of events where industry executives host lectures, networking sessions and case competitions.
- Attend the Michael Belcourt Lecture Series and be inspired by retail leaders including Bonnie Brooks, President and CEO of HBC; Joe Mimran, founder of Joe Fresh; Larry Rosen, CEO of Harry Rosen; and Norman Jaskolka, President of Aldo Group International.
- Engage in projects and have the opportunity to work with global retailers such as Nordstrom, Starbucks and Topshop.
- Embark on experiential retail study tours of fashion and retail capitals of the world including New York, Montreal and Shanghai.

International Study: Take a semester to study abroad through our optional international exchange program and experience retail practices and trends in another country.

Modern Facilities: Study in state-of-the-art multimedia classrooms, computer labs and research centres—all of which feature wireless Internet access.

Classes

As the only school in Canada offering a bachelor of commerce degree in Retail Management, the curriculum explores both the dynamic and practical aspects of retailing across the entire supply chain, with a consistent focus on the consumer and overall customer experience. As a retail management student you will be introduced to advanced software applications to develop a real-world understanding of retail.

Every student develops new skills and an appreciation for key elements of retail:

- Consumer insight: learn to identify customer segments and trends through research and data analysis, forecast changing demands and build positive ongoing relationships.
- Retail finance and profit drivers: buying and merchandise planning, retail accounting, inventory management and loss prevention all impact an organization's top and bottom lines.
- Supply chain: from global sourcing and distribution to vendor relationships and channel management, getting products from manufacturers to consumers is what retail is all about.
- Strategic integration and operations: understand the latest retail innovations, systems and technologies, economic environment and effective talent management.

A variety of minors are available—see page 94 for more information.

Part-Time Studies

If you currently work in the retail sector or a related field, you have the flexibility to study part-time by choosing from a year-round schedule of daytime, evening and Internet-based courses (subject to availability).

After Graduation

- Work in areas such as buying, marketing, operations, category management, logistics and supply chain management, store management, e-commerce, visual merchandising, brand management, public relations and communications, and shopping centre management, or even open your own business.
- Pursue a graduate program such as the master of business administration (MBA) degree program offered at the Ted Rogers School of Management.



minors

Explore a secondary area of undergraduate study, add depth and breadth to your program and enhance your career possibilities by adding a minor to your degree. A minor consists of six single-term courses based upon discipline, theme and/or methodology. Please visit www.ryerson.ca/currentstudents/calendars for more information about any applicable requirements and restrictions.

Accounting	Gain an understanding of the accounting functions of a business.
Acting/Dance Studies	Gain an understanding of acting and dance from both an academic and performance perspective.
Biology	Gain additional knowledge, skills and qualifications in biology to enhance options in science-related careers and graduate studies.
Business Essentials	Obtain an introduction to the terms and concepts of business, basic knowledge about its functional areas (e.g., accounting, marketing) and how they are integrated for strategic decision-making.
Chemistry	Gain additional knowledge, skills and qualifications in chemistry to enhance options in science-related careers and graduate studies.
Child and Youth Services	Understand and promote the rights and participation of children and youth through inclusive practice and advocacy.
Criminology	Understand the structural, administrative, political and professional context of crime and criminal justice.
Curatorial Studies	Study exhibition practices, their history and the contemporary curatorial process.
Disability Studies	Engage with new understandings and scholarship in critical disability studies.
eBusiness	Gain in-depth knowledge of the specifics of setting up and operating a “virtual” business, either stand-alone or as part of an existing conventional organization.
Economics	Acquire greater breadth and depth to your professional program of study.
English	Learn to analyze, historicize, and politicize literary and cultural text and understand their complexities and influence in a variety of forms, media, time periods and cultural contexts.
Entrepreneurship and Innovation	Understand the process of entrepreneurship, the factors to successfully grow a new venture, and the challenges involved in managing innovation and nurturing creative thinking.
Environment and Urban Sustainability	Understand sustainability issues relating to both human and natural environments.
Ethics	Gain an understanding of the major ethical theories and traditions, along with problem solving and analysis, to prepare yourself for the ethical challenges you may face.
Family Supports and Community Practice	Focus on the theme of the family in a community context and the methodology of interdisciplinary practice.
Fashion Studies	Obtain an overview of the fashion industry, including history, design and marketing enhanced by lab and studio courses focusing on textiles, fashion promotion and applied colour design principles.
Film (Cinema) Studies	Understand the various aesthetic and historical components of the cinema.
Finance	Prepare for careers in financial institutions and business.
French	Learn French – in a knowledge-based economy, bilingualism is an invaluable asset.
Geographic Analysis	Develop real-world solutions to geographic issues.
Geography	Understand the connections between human beings and their natural and built environments.
Global Management	Earn greater competency in making decisions in today’s complex global business environment through a broad range of internationally oriented courses.
Health Services Management	Augment your studies with specialized courses from a healthcare management context.
History	Explore the past and its meaning for today’s world, either across a range of areas and themes from ancient civilizations to contemporary issues in a historical perspective, or through focusing on a particular region, period or approach.



Human Resources Management	Develop the knowledge and competencies expected of human resources professionals and complete courses towards the Certified Human Resources Professional (CHRP) designation.
Information Technology Management	Understand the role of information systems in business as well as the principles of developing information systems to meet business requirements.
Labour and Employment Relations	Examine work and employment relations in Canada to enable advanced and diverse opportunities for further study in the field.
Law	Prepare to understand and function well in the legal and regulatory environment of your chosen field.
Marketing	Develop the quantitative and qualitative skills and knowledge expected of marketing professionals.
Mathematics	Attain breadth and depth in mathematics and mathematical techniques useful to a wide-range of disciplines including computer science, science and engineering.
News Studies	Explore specific areas of content and media to gain the basic skills of journalism that delineate the history, practice, theory and ethical standards of the profession.
Nonprofit and Voluntary Sector Management	Develop an in-depth, interdisciplinary perspective (business, public administration and social work) on issues critical to the nonprofit sector.
Occupational Health and Safety	Understand the responsibilities of supervisors and managers in protecting workers from risks and hazards in the workplace.
Organizational Leadership	Develop the knowledge and competencies required to successfully lead and manage different types of organizations.
Photography Studies	Complement your major area of study with knowledge of the history and analysis of photography.
Physics	Deepen your understanding of physical concepts and acquire lab and problem-solving skills.
Politics	Understand the political world through courses drawn from sub-fields in the Politics and Governance program: Canadian, comparative, global, policy and theory.
Professional Communication	Develop communication professionalism through theoretical and workshop courses emphasizing creative, workable solutions to challenging communication problems.
Psychology	Acquire an understanding and applications of the basic principles of psychology.
Public Administration	Gain a comprehensive overview of Canadian public administration and policy.
Retail and Services Management	Understand the core elements of the retail business, including managing customer relations and customer satisfaction in an increasingly competitive retail environment.
Sales Management and Service Quality	Understand the fundamentals of the sales process, as well as the quantitative and qualitative tools necessary to manage customer relationships and ensure that expectations are met.
Sociology	Develop analytical skills and conceptual understanding through an integrated and sequential exposure to the sociological perspective.
Spanish	Learn Spanish – in a knowledge-based economy, bilingualism is an invaluable asset.
Tourism	Gain an understanding of the nature, content and structure of tourism experiences and operations.
Visual Studies	Explore the social, economic and cultural dimensions of the image-based world that surrounds us.

international opportunities

We live in a globalized, highly connected world and Ryerson is dedicated to ensuring that our students are able to find their place in it.

With the help of Ryerson International, students can:

- Participate in academic exchanges with over 60 partner institutions in Europe, Asia, South America and Australia. Study fashion in London, business management in Hong Kong, social work in Mumbai and politics in Paris. Immerse yourself in different cultures or languages, gain different perspectives on your program, make new friends and become even more marketable to employers.
- Undertake research, present at conferences and take part in competitions in places like Chile, China, India, Japan, Uganda and the United States.
- Help make a difference by working and volunteering abroad. Journalism students have documented conditions in refugee camps, early childhood studies students have worked with disadvantaged children in orphanages, architectural science students have built emergency shelters in Pakistan and social work students have worked on HIV/AIDS education programs.

Ryerson International also offers financial support to ensure students have a chance to take advantage of these opportunities: Ryerson International Work Experience Fund (RIWEF) and International Conference and Research Support Fund (ICRSF).

Fashion Communication student Kiersten Hay in Copenhagen. Through Ryerson International, she spent half a year studying at the Amsterdam Fashion Institute (AMFI) in Amsterdam, the Netherlands.



Ryerson students have had opportunities to study, work and compete in dozens of cities including the following:

Accra, Ghana
Amsterdam, Netherlands
Auckland, New Zealand
Beijing, China
Buenos Aires, Argentina
Cape Town, South Africa
Copenhagen, Denmark
Cusco, Peru
Dublin, Ireland
Edinburgh, Scotland
Florence, Italy
Georgetown, Guyana
Hanoi, Vietnam
Havana, Cuba
Hong Kong, China
Kampala, Uganda
Kyoto, Japan
London, England
Mumbai, India
Nairobi, Kenya
Paris, France
Phnom Penh, Cambodia
Rio de Janeiro, Brazil
Santiago, Chile
Sydney, Australia
Tel Aviv, Israel
Wroclaw, Poland



graduate studies

Ryerson University is Canada's most creative, connected and entrepreneurial school for graduate education. Ryerson is home to 2,300 graduate students enrolled in 39 master's and 13 PhD programs. Graduate studies is distinctive in its focus on innovative, high quality, professionally relevant and research-oriented programs. These educational experiences infuse theoretical and practical knowledge to address real-world issues.

Programs include:

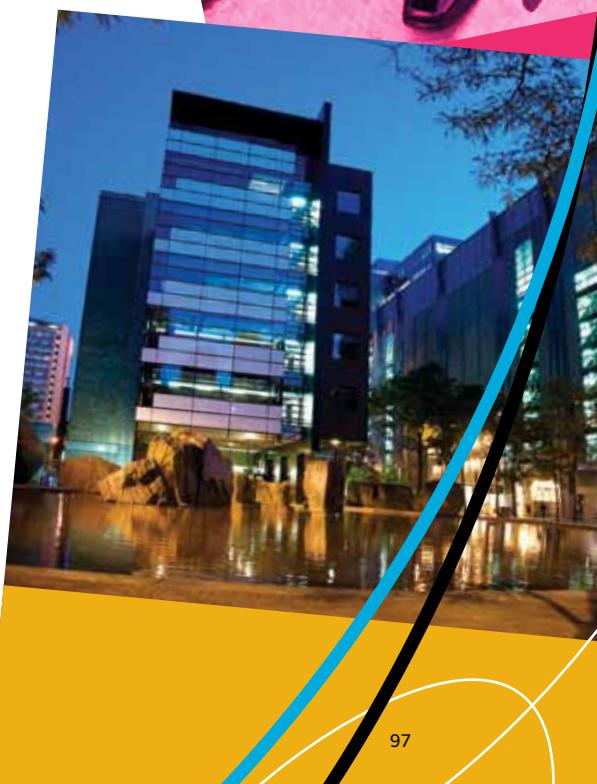
- Aerospace Engineering, PhD, MSc, MEng
- Applied Mathematics, MSc
- Architecture, MArch
- Biomedical Physics, PhD, MSc
- Building Science, MBSc, MSc
- Chemical Engineering, PhD, MSc, MEng
- Civil Engineering, PhD, MSc, MEng
- Communication and Culture, PhD, MA
- Computer Networks, MSc, MEng
- Computer Science, PhD, MSc
- Digital Media, MDM
- Documentary Media, MFA
- Early Childhood Studies, MA
- Economics, PhD
- Electrical and Computer Engineering, PhD, MSc, MEng
- Environmental Applied Science and Management, PhD, MSc
- Fashion, MA
- Immigration and Settlement Studies, MA
- International Economics and Finance, MA
- Journalism, MJ
- Literatures of Modernity, MA
- Management of Technology and Innovation, MBA, MMSc
- Master of Business Administration, MBA
- Mechanical and Industrial Engineering, PhD, MSc, MEng
- Media Production, MA
- Molecular Science, PhD, MSc
- Nursing, MN
- Nutrition Communication, MHSc
- Philosophy, MA
- Photographic Preservation and Collections Management, MA
- Policy Studies, PhD
- Professional Communication, MPC
- Psychology, PhD, MA
- Public Policy and Administration, MA
- Social Work, MSW
- Spatial Analysis, MSA
- Urban Development, MPI



continuing education

The G. Raymond Chang School of Continuing Education is Canada's largest university-based continuing education provider with approximately 70,000 enrolments annually. Continuing education at Ryerson provides relevant, quality educational programming including:

- 93 certificate programs
- more than 1,550 courses, seminars and workshops
- degree-credit courses that may be used for advanced standing (if admission is secured) for many part- and full-time Ryerson degree programs
- academic bridging courses to upgrade in specific subject areas (for students who lack prerequisite requirements for admission to Ryerson degree programs)
- a variety of delivery modes to fit busy schedules: evening, weekend and online distance education classes



co-operative education

A degree enhanced by experience and work-related skills can be the key to opening doors to the career of your choice. Many programs at Ryerson offer some form of experiential learning. Co-operative education (co-op) programs alternate periods of academic study with periods of paid, full-time work experience in discipline-related jobs. See individual program listings for details.

Co-op work terms allow you to

- gain valuable work experience;
- earn a competitive salary;
- clarify your career objectives;
- gain an appreciation for the expectations and needs of an employer; and
- boost your opportunities for full-time employment after graduation.

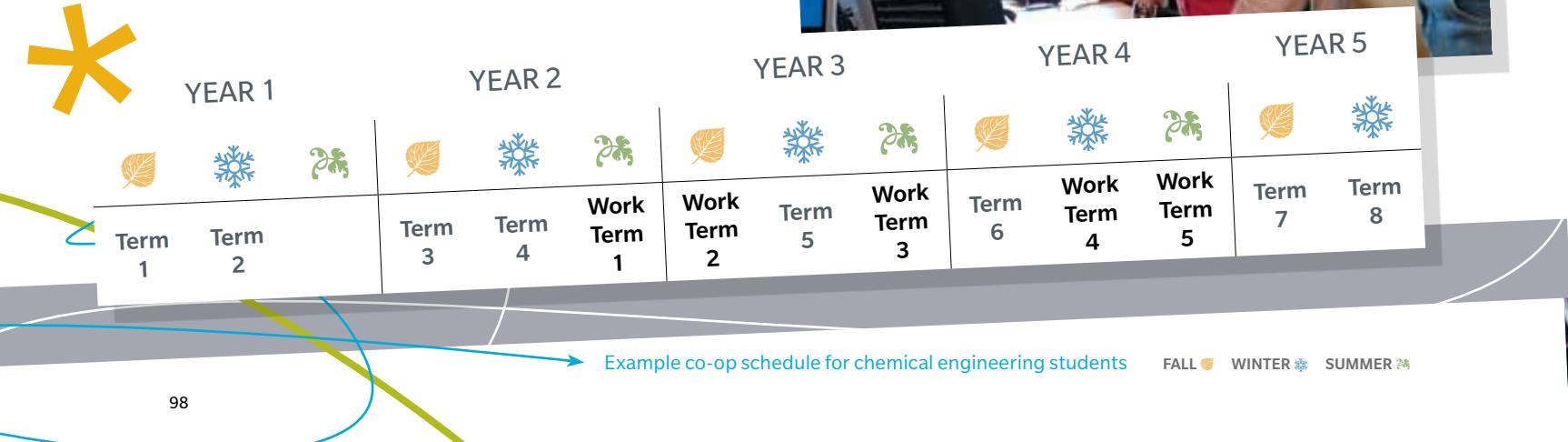
The alternating work and academic terms begin following the second or third year of studies. The inclusion of work terms lengthens your program of study from four to five years. The various work and academic term sequences for each program are outlined online: www.ryerson.ca/co-op/coopPrograms/.

The Office of Co-operative Education helps students obtain suitable co-op positions. To help you make an informed decision, the Office of Co-operative Education and respective academic departments organize information seminars every fall for current students. You can meet faculty advisors as well as senior students and alumni who have experienced co-operative education and who can answer your questions and offer valuable advice. The decision to pursue the co-op option is normally made during the third semester, or the fall term of your second year.

Most students find work with companies in the Greater Toronto Area, however in recent years, a number have chosen to work in other parts of Ontario, other provinces and even abroad. Many nationally and internationally recognized companies offer suitable opportunities for co-op students.

A partial list of companies that have supported Ryerson co-op programs include:

Agropur (Natrel)
Apotex
CIBC
Cannon Design
Environment Canada
Exxon Mobil/Imperial Oil
Good Harbor Labs
Hospital for Sick Children (Sick Kids)
IBM
Intelliware
Manulife Financial
Government of Ontario
Ontario Power Generation
RBC Financial Group
Ryerson Digital Media Zone
Sanofi Pasteur
Scotiabank
Suncor Energy
Toronto Transit Commission (TTC)
Xerox Research Centre



president's national entrance scholarships

This is Ryerson's most prestigious entrance scholarship.

Highlights include the following:

- \$40,000 (total value), \$10,000 (annual amount)
- six awards (one per faculty)
- guaranteed place in residence first year
- invitations to honorary doctorate recipient dinners
- Ryerson Student Scholar status
- membership in the President's Scholars Circle

Students are eligible if they are current, full-time (fall 2013/2014) Canadian secondary school applicants who are Canadian citizens, landed immigrants or permanent residents who will start full-time, four-year undergraduate degree programs at Ryerson in fall 2013 and who are enrolling in a post-secondary institution for the first time with an academic average of 90% in six Ontario Grade 12 U/M courses (or provincial equivalent).

A separate application is required and available at www.ryerson.ca/currentstudents/awards. The deadline to apply is April 1, 2015.



President Sheldon Levy, and Provost and Vice President Academic Mohamed Lachemi with Angela Cheng, a recipient of a 2013 President's National Entrance Scholarship.

www.ryerson.ca/studentscholars

student scholars

Ryerson Student Scholars

Students who have a minimum entering average of 85% from secondary school and maintain at least a 3.67 Cumulative Grade Point Average (CGPA) in their programs at Ryerson become part of a unique group of Ryerson Student Scholars.

The benefits of being a Ryerson Student Scholar include:

- academic mentoring and advising
- networking events to foster special academic, research and volunteer opportunities
- the Ryerson Student Scholar Seminar Series designed to ensure academic and professional success

For more information:

- email studentscholars@ryerson.ca
- join the Facebook group Ryerson Student Scholars

President's Scholars Circle

Ryerson Student Scholars who were awarded one of the following entrance scholarships and maintain a minimum 3.67 CGPA in their programs at Ryerson also become part of the President's Scholars Circle: President's National, Charles A. Root, H. Graham Walker, Pierre Lassonde, Ted Rogers School of Management or Terence Grier. A full list of entrance scholarships, eligibility rules, terms and conditions as well as any applicable applications are posted at www.ryerson.ca/currentstudents/awards/entrance.

Additional exclusive benefits for the President's Scholars Circle include all of the benefits of being a Ryerson Student Scholar, plus:

- a president's reception
- invitations to prestigious campus events

fall 2015 entrance scholarships

Ryerson is pleased to recognize the academic achievements of the first-year class upon admission to the university with more than \$4 million designated for entrance scholarship support.

Students attending a Canadian secondary school will be considered automatically based on grades available mid-May and then on an ongoing basis until July 31, 2015 (some exceptions may apply for provinces with provincial examinations). Eligible applicants must have an active application to a full-time undergraduate four-year degree program at Ryerson via the Ontario Universities' Application Centre (OUAC) by May 1, 2015. Entrance scholarship averages are calculated using your Ontario best six Grade 12 U/M courses (mid-term and/or final) or equivalent. Visit www.ryerson.ca/undergraduate/admission/scholarships for full terms and conditions.

Applicants are automatically considered for many of our entrance scholarships. Some of our scholarships require separate applications and/or other supporting documentation. A full list of entrance scholarships, eligibility rules, terms and conditions as well as any applicable applications are posted at www.ryerson.ca/currentstudents/awards/entrance.

Guaranteed and Renewable Scholarships

A scholarship application is not required.

Canadian secondary school students with final averages of 80% and higher who meet the terms and conditions for scholarship are guaranteed a renewable entrance scholarship for programs listed under this category at www.ryerson.ca/undergraduate/admission/scholarships.

Guaranteed and Renewable Scholarship Values

Final Admission Average	Total Value	Awarded in Year One	Annual Renewable Amount	CGPA Required to Renew Annually
95%+	\$16,000	\$4,000	\$4,000	4.15 or higher
90-94.9%	\$10,000	\$2,500	\$2,500	4.01 to 4.14
85-89.9%	\$4,000	\$1,000	\$1,000	3.85 to 4.00
80-84.9%	\$2,000	\$500	\$500	3.67 to 3.84



money matters

Post-secondary education can be expensive. You and your family have planned for your post-secondary education and put aside money to pay for it. Sensible planning and good money management help solve any “unknowns” about where your money goes. Plan ahead and prepare a realistic budget.

Effective money management strategies include deciding what extras you can or cannot afford. Your budget should reflect the costs for living comfortably, but not extravagantly. The key to surviving financially during university is to plan ahead.

Use Online Tools on the CanLearn website at www.canlearn.ca/eng/preparing/index.shtml to help you prepare for post-secondary studies. There are several planner and calculator tools available to create a budget or calculate educational costs.

AVERAGE COSTS

Based on eight months of full-time study in an undergraduate program for the fall and winter terms*

Tuition Fees Range from \$6,800 to \$10,000 (\$20,900 to \$24,500 for international students) for the 2014-2015 academic year depending on the program of study	Accommodation On campus: \$10,800 to \$13,100 (includes meal plan) Off campus: rent ranges from \$6,000 to \$9,600 (or \$750 to \$1,200 per month) depending on shared or single accommodation	Transportation \$108 within the GTA for a monthly Metropass/public transit pass (additional travel costs including a GO pass for the commuter train may be required if commuting from outside of the GTA)
Books and Supplies Range from \$1,100 to \$9,900 depending on program of study	Food Ranges from \$2,000 to \$4,000 (\$250 to \$500 per month) depending on your dietary requirements and living arrangements	Personal Expenses Range from \$2,000 to \$3,200 (approximately \$250 to \$400 per month)

* The estimated costs included are considered realistic by Ryerson. These estimates are higher than the weekly living allowance the Ministry of Training, Colleges and Universities uses to calculate the living costs portion of student loan funding. The Ministry's financial information is used by the university to assess unmet need that is issued via university-wide bursaries and work study programs.

Many students need some form of financial assistance in order to pursue their academic careers. In addition to scholarships, there are several options available.

Ontario Student Assistance Program (OSAP)

The purpose of student financial assistance is to supplement, not to replace, the financial resources that you (and your family, if applicable) are expected to contribute. Assistance is based on financial need as established by the federal and/or provincial governments and as determined by OSAP through an assessment of your OSAP application. Students (and their families, if applicable) are responsible for meeting the costs of post-secondary education. Interest-free loans and student loans funded by the federal and provincial governments and non-repayable grants are, where appropriate, available to qualified students.

Visit www.ryerson.ca/currentstudents/financialaid for more information on eligibility and application details. Applying for OSAP automatically includes an assessment for the Student Access Guarantee (SAG), which offers additional financial assistance to cover financial need not met through OSAP.

OSAP funding will be issued directly to the student's personal bank account and/or their post-secondary institution. Students have to submit a Master Loan agreement to the National Student Loan Centre

before funds are released. If a student has not already done so, they should open a bank account in their own name to expedite their OSAP payments.

Student Access Guarantee

The Ministry of Training, Colleges and Universities (MTCU) and Ontario's provincially assisted universities and colleges have partnered to support access to post-secondary education and ensure that no qualified Ontario student should be prevented from attending Ontario's public colleges and universities due to lack of financial support programs. Students can review their eligibility for the guarantee on the Financial Assistance website at www.ryerson.ca/currentstudents/financialaid/sag. Bursaries, scholarships, work-study and summer employment programs offered by Ontario's colleges and universities provide additional funding to eligible post-secondary students in financial need. Refer to pages 99 to 100 for more information about Ryerson entrance scholarships.

Review the awards section of the website (www.ryerson.ca/currentstudents/awards) and contact Student Financial Assistance to learn more about educational funding options available.

Ontario Tuition Rebate

The Ontario Tuition Rebate is money you don't have to repay, designed for students entering a public university program from high school, or within four years of graduating from high school. The rebate can provide up to 30% of current tuition to assist with educational related costs. The grant is based on the average undergraduate arts and science university and college tuition in Ontario. As it is based on average tuition, the grant does not equal 30% of tuition for some students. The amount of the Ontario Tuition Rebate is usually announced in May or June each year. You can apply for this program without applying for OSAP. For more information and to apply, view the details at <http://www.ontario.ca/education-and-training/30-off-ontario-tuition>

Student Financial Assistance

Financial Assistance inquiries only:
Podium, Room POD-59
416-979-5113
finaid@ryerson.ca
www.ryerson.ca/currentstudents/financialaid

jobs on campus

Last year, more than 1,000 students found paid positions on campus. Some of the on-campus employers and positions include:

- **Athletics and Recreation**
recreation services assistant, athlete academic mentor, inventory and logistics assistant, front desk customer service assistant
- **Career Development and Employment Centre**
résumé advisor and administrative support, employer outreach assistant, graphic assistant, customer service specialist
- **Communications, Government and Community Engagement**
production assistant, publications assistant, videographer
- **Computing and Communications Services**
multimedia production assistant, digital signage assistant, technical writer assistant
- **Enrolment Services and Student Records**
enrolment assistant/student fees, transfer credit clerk, student records and general office assistant
- **Library and Archives**
archives imaging assistant, map and data support assistant, GIS and webpage assistant
- **Ryerson Students' Union**
COPYRITE/Used Book Room poster staff member, Rye ACCESS outreach assistant
- **Student Community Life**
social media specialist, video blogger, events marketing associate
- **Student Financial Assistance**
financial assistant
- **Student Housing Services**
residence services desk staff, residence housing advisor
- **Undergraduate Admissions and Recruitment**
student ambassador
- **University Advancement**
advancement records and research project assistant

athletics

Mattamy Athletic Centre (MAC) at the Gardens offers a fully-equipped, supervised fitness centre with the following:

- NHL-sized ice rink
- multi-purpose gymnasium
- weight machines and free weights
- cardio room with elliptical trainers, stationary bikes, treadmills, step machines
- sprung hardwood dance studio
- spacious men's and women's locker rooms

The Recreation and Athletics Centre (RAC) offers a fully-equipped, supervised fitness centre with the following:

- weight machines and free weights
- cardio room with elliptical trainers, stationary bikes, treadmills, step and rowing machines
- four gyms
- four international squash courts
- three sprung hardwood dance studios
- three-lane 160-yard banked indoor track
- 25-yard six-lane pool
- spacious men's and women's locker rooms, both with saunas
- massage therapy clinic

Fitness programs include a variety of group fitness classes, yoga, dance, squash, martial arts, personal training packages and private swim lessons. Weekly shinny and monthly free skating are offered at the MAC.

Certification courses are offered in first aid, CPR, Coaching Certification (NCCP) and canfitpro.

Intramural programs are our most popular student activity. We have over 3,000 students participating in various sport leagues in the fall and winter semesters. Some of the sports leagues include:

- ball hockey
- basketball (men's and women's)
- dodgeball
- flag football
- ice hockey
- indoor soccer
- volleyball (co-ed, men's, women's, 6's and 3-on-3)
- softball
- ultimate Frisbee

Clubs such as badminton, baseball, capoeira, cheerleading, cricket, dance pak, dragon boat, equestrian, karate, kendo, masters swim, tae kwon do, trampoline, triathlon, waterpolo and weightlifting are also available.

Varsity sports programs offer students the opportunity to represent Ryerson and compete against other universities across the province, the country and the world. Ryerson fields men's and women's teams in the following sports:

- badminton
- basketball
- fencing
- figure skating
- ice hockey
- soccer
- volleyball





Ryerson students receive free admission to all Ryerson Rams home games throughout the year. In addition to receiving a free ticket, there are plenty of in-game promotions and prize giveaways at most Rams home games.

residence and housing

Priority for residence is given to first-year students coming directly from high school whose permanent address is the furthest distance from Toronto. When the number of applicants exceeds the number of spaces, a priority sequence waiting list is generated. You must be accepted into a full-time undergraduate program at Ryerson University to be eligible to apply for residence.

On-Campus Residences

www.ryerson.ca/studentservices/housing/resaccommodations

Pitman Hall is a 14-storey residence with 565 rooms with single and double bedrooms. Each room is furnished with a bed, desk, dresser and bookshelf and is equipped with a telephone and individual climate control. Every floor has a common kitchen, laundry and television lounge. There are four different room styles within Pitman Hall: single rooms with shared bathrooms, double rooms with shared bathrooms, paired single rooms with semi-private bathrooms and apartment-style single rooms.

The International Living/Learning Centre (ILC), a former hotel, has 11 floors that house 252 students in extra-large single rooms, each with an ensuite bathroom. Rooms are furnished with a bed (double or queen size), television, desk and dresser. Both Pitman Hall and the ILC have compulsory meal plans, which operate on a declining balance system. Rooms include Internet access and a telephone with your own extension and voice mail.

O'Keefe House is a 32-student residence that has double- and triple-occupancy rooms, a large communal kitchen, two television lounges and laundry facilities. The meal plan is optional. O'Keefe House residents access the campus Wi-Fi for Internet.

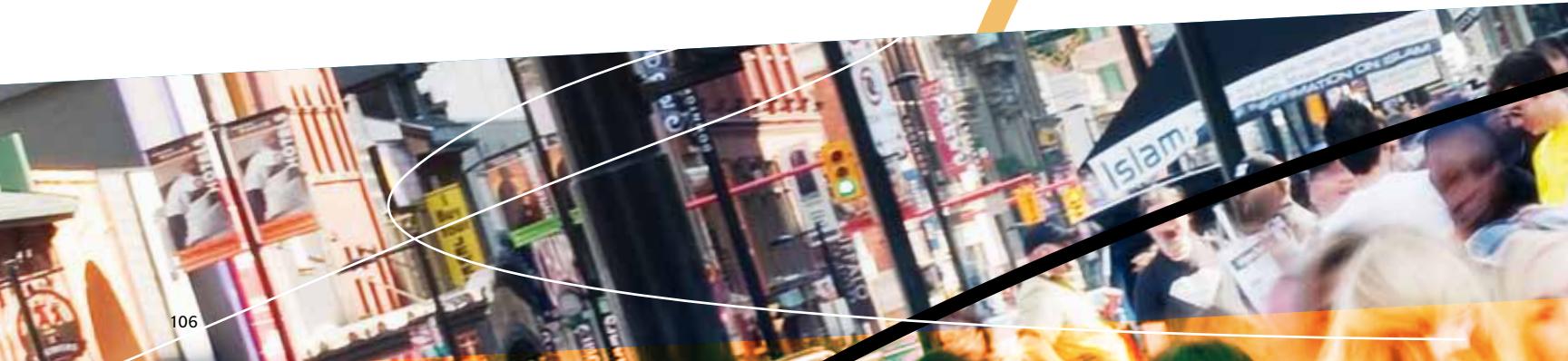
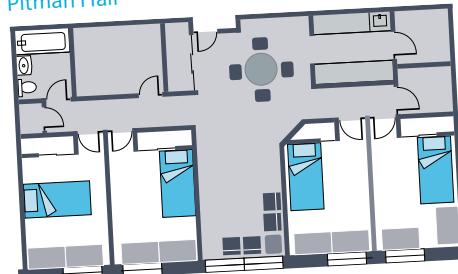
For additional residence information, including how to apply, virtual tours, floor plans and photos, visit www.ryerson.ca/studentservices/housing/resaccommodations.

Off-Campus Housing

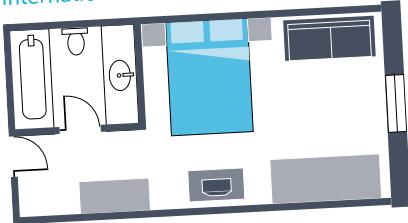
www.ryerson.ca/offcampushousing

Through the Off-Campus Housing Registry, a service available only to Ryerson students, listings of off-campus accommodations are available along with information about how to rent. The registry is available online through Places 4 Students. If you would like to visit in person, please go to the Student Housing Services office, 160 Mutual Street, Pitman Hall residence, Room 100.

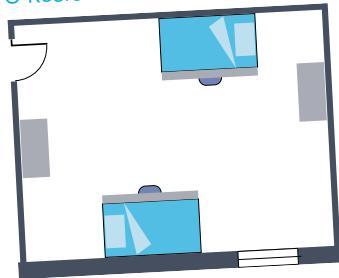
Pitman Hall



International Living/Learning Centre (ILC)



O'Keefe House



library and archives

The Ryerson University Library and Archives (RULA) is located in the heart of the campus in the Library building (2nd floor, 350 Victoria Street). The Library will be expanding its presence with the new Student Learning Centre on the corner of Yonge and Gould streets, scheduled to open in 2015.

The collection includes over 500,000 print books and more than \$3 million is spent annually to support electronic resources (approximately 45,000 e-journals, 165,000 e-books, databases and indexes, geospatial data and catalogued websites).

Computer Access: The Ronald D. Besse Information and Learning Commons on the main floor provides more than 140 computers for student use, as well as printers, scanners and laptops (available on loan). IT support is available onsite.

Quiet and Group Study Areas: Quiet and group study areas are available throughout the Library, with the 10th floor reserved for silent study. The fourth floor has movable furniture so you may arrange seating based on group study needs. You can also reserve group study rooms online.

Research Help: Research support is available on the Library's main floor, both at the Research Help Desk and through an appointment service. Ask a Librarian LIVE chat is accessible from remote locations off campus. Throughout the academic year, free workshops are offered to help you build your research skills.



**Artist's Renderings: Student Learning Centre.
Courtesy of Labtop USA Corp / Zeidler Snøhetta.**

The new Student Learning Centre – which includes spaces to study, collaborate and discover – will connect to the existing Library.



ryerson students' union (RSU)

Every full-time undergraduate student and all graduate students, part-time and full-time, are represented by the RSU. The RSU, independent from Ryerson's administration, provides events and services for its members and advocates on their behalf. A selection of RSU's services and initiatives include:

Saving Money

- Student discount TTC pass
- International Student Identity Card (ISIC)
- Studentsaver Card
- Members' Health and Dental Plan
- Discount event and movie tickets – sporting events, Canada's Wonderland and Cineplex theatres
- Used Book Room – buy and sell used textbooks
- Free tax clinic
- Graduate Student Travel Grants

Equity and Advocacy

- Free legal counselling
- Student advocate to assist with academic appeals and promotion of student rights
- Community Food Room
- RyeACCESS
- RyePRIDE
- Racialised Students' Collective
- Centre for Women and Trans People
- Sustainability Committee
- Equity Committee

Building Community on Campus

- More than 70 student groups
- Weekly events at the Ram in the Rye pub
- Annual CultureJam Showcase
- Xpressions Against Oppression Speaker Series
- Winter Week of Welcome
- Ski trips, and more!





food on campus

Ryerson Eats promotes fresh, wholesome, sustainably sourced food for our campus community. We believe that universities can nurture a more sustainable food system with thoughtful procurement, consumption and advocacy.

Through our retail spaces, residences and catering services, we endeavor to offer a wide variety of meals that have been made from scratch with real ingredients sourced sustainably from Ontario farmers and producers wherever possible.

At Ryerson University, you will find a number of eateries all featuring a wide range of menu choices that cater to diverse diets. We have created a food service that offers students quality, value, convenience and variety. Options include comfort foods, made to order meals, gourmet coffee, smoothies, salad, fresh fruit and refreshment kiosks.

Wholesome Options

We understand that a healthy lifestyle includes balanced meals and nutritious snacks. All locations offer a wide variety of healthy food choices daily. Pitman Dining Hall, the Hub Food Court and the Mutual Street Eatery in the International Living/Learning Centre offer an excellent selection of wholesome, local and dietarily-aware choices for active lifestyles.

Meal Plans

Voluntary meal plan memberships offering the convenience of cashless transactions are available for commuter students and can be purchased at the Campus OneCard Office (416-979-5000, ext. 7565). These plans can be used at any food service location at Ryerson. For students living in residence, meal plans are mandatory.

On-campus outlets include the following:

- **The HUB Market in Jorgenson Hall** – Featuring our famous scratch-made soups and stews, fresh sandwiches and salads, daily house-made chef's specials and wholesome snacks
- **Pitman Hall Cafeteria** – Featuring daily house-made chef's specials, fresh sandwiches and soups, wholesome snacks, as well as Extreme Pita and Pizza Pizza kiosks
- **International Living/Learning Centre (ILC)** – Featuring daily house-made chef's specials, a fresh salad bar, wholesome snacks and soups, sandwiches and salads to go.
- **Tim Hortons** – Six outlets are located across campus.
- **Starbucks @ POD-60** – This newly renovated space features Starbucks coffee, fresh sandwiches, salads, pizza and snacks.
- **The Vari Kiosk** – Located on the lower ground level of the George Vari Engineering and Computing Centre, this outlet offers cold beverages, salads and hot snacks.
- **The Rams Café at the Mattamy Athletic Centre** – This outlet features Starbucks coffee, Freshens smoothies, light meals, beverages and snacks.

You can also get your caffeine fix at Balzac's Coffee Roasters! This outlet is nestled in the heart of the Ryerson campus at the School of Image Arts building.

Additional food programming on campus includes:

- Weekly Farmers' Market in the summer, featuring Ontario farmers, producers and food vendors
- Food Truck Tuesdays
- Seasonal Community Meals



programs and services

Aboriginal Services for Students

www.ryerson.ca/aboriginal
ssaikkon@ryerson.ca
416-979-5000, ext. 7699
Kerr Hall West, Room KHW-389

Aboriginal Services for Students provides specialized services to Aboriginal, Inuit and Métis students on campus to develop a mutually productive relationship between Ryerson and the Aboriginal community.

Key services include:

- admissions advocacy
- academic advising
- Aboriginal tutors
- English and composition support
- Aboriginal traditional counselling and student development
- bursary and scholarship information
- financial planning
- computer lab and study room
- kitchen and social space

Access Centre for Students With Disabilities

www.ryerson.ca/accesscentre
accessfrontdesk@ryerson.ca
416-979-5290

Podium, Room POD-61

If you require the Access Centre's assistance with the admissions process you should identify yourself at the time of application and supply documentation of your disability. All documents are confidential. Once students have been accepted, individual appointments can be made with an accommodations facilitator to arrange services.

Access Centre staff work in co-operation with departments at Ryerson to ensure that students with disabilities receive the services needed, including:

- accommodations for tests, exams and the classroom
- text in alternate formats
- assistive technology support
- sign-language interpreting
- computer lab with adaptive technology

Career Centre

www.ryerson.ca/career
career@ryerson.ca
416-979-5177

Podium, Room POD-60

The Career Centre provides students and alumni with access to a wide range of resources to help prepare and look for work in today's ever-changing labour market. Some of the programs and services include:

- one-on-one resumé and cover letter advising appointments
- confidential employment and career counselling appointments
- interactive workshops on self-assessment, career planning, finding work, self-marketing, and resumé and interview preparation
- various events to build networks and discuss career options, job opportunities, and/or workplace tips
- a job postings website (www.ryerson.ca/cctutor/careervault) featuring full-time, part-time and summer positions, as well as part-time on-campus job postings
- a Career Resource Centre featuring print and online resources on job search tools and techniques, career exploration, post-graduate studies and travelling abroad

Centre for Student Development and Counselling

www.ryerson.ca/counselling
cscd@ryerson.ca
416-979-5195

Jorgenson Hall, Room JOR-07

The Centre for Student Development and Counselling offers:

- Free, confidential individual and group counselling on career, academic and personal issues is provided by professional counsellors. The confidentiality policy is available at the centre and on the centre's website.
- The Ryerson Crisis Team is available in the event of accidents, deaths, assaults, disasters or other traumatic events.
- The Ryerson Safe House is available for students in financial need who are at immediate risk of physical or sexual harm or are fleeing unsafe or difficult living conditions.

English Language Support

www.ryerson.ca/els
els@ryerson.ca
416-979-5000, ext. 4682

Victoria Building, Room VIC-B17

English Language Support (ELS) provides non-credit programs to Ryerson students who use English as an additional language. ELS programs help improve communication skills, ensuring multilingual students have opportunities to make successful transitions to the university setting. Programs are offered free of charge, both on-site and through the ELS website. Support for multilingual students includes:

- individual help with written assignments
- one-on-one conversation and pronunciation practice
- classroom communication skills development
- help with presentation skills
- reading, listening and pronunciation labs
- online academic writing modules
- support for graduate students

International Student Services

www.ryerson.ca/internationalservices
issask@ryerson.ca
416-979-5000, ext. 4189

Podium, Room POD-50A

International Student Services (ISS) provides crucial support to international students in your transition to Canadian university life:

- International Student Orientation and International Peer Support Program for new international students
- University Health Insurance Plan (UHIP) enrolment and advising
- immigration advising, workshops and services for study permits, work permits and visas
- information for Permanent Residence (PR) application and specialized Canadian legal services and resources
- international student employment opportunities through the International Student Services Work Experience Program (ISSWEP)
- special events such as the Welcome Party for International Students, Salad King International Community Celebration, monthly International Lunches, Tea Houses and much more
- facilitation of the Emergency Bursary and Salad King International Student Award
- student advising and referral for issues that are academic, personal, health-related, social, and anything related to international students' lives at Ryerson in Canada



Learning Success

www.ryerson.ca/learningsuccess

lsc@ryerson.ca

416-979-5000, ext. 7350

Victoria Building, Room VIC-B15

Learning Success is an academic resource for all students on campus. Services address key academic skills you need to succeed in your post-secondary education, including time management and task organization, test preparation, exam writing, learning styles, critical reading and note-taking. You may access support through:

- individual appointments
- workshops and podcasts
- online seminars
- a tutor registry (fee-based service)
- faculty-sponsored drop-in tutoring
- learning groups
- facilitated study groups

The Math Centre

www.ryerson.ca/mathcentre

mathcentre@ryerson.ca

Library, 5th floor, LIB-549

The Math Centre is a free service for all Ryerson students which provides individual tutoring and facilitated study groups designed to improve math skills and support student success in math-related courses across all faculties.

Ryerson Medical Centre

www.ryerson.ca/studentservices/medicalcentre

medicalct@ryerson.ca

416-979-5070

Kerr Hall West, Room KHW-181

The Ryerson Medical Centre has family doctors who offer services including physicals; treatment of acute illness and injuries; birth control information and prescriptions; STD and HIV counselling, testing and treatment; immunizations and allergy shots; and specialist referrals. Almost all services are covered by provincial health insurance or UHIP (for international students) while some services, such as completing work or school forms, have variable fees.

Student Life Programs

www.studentlife.ryerson.ca

416-979-5187

Jorgenson Hall, Room JOR-03

Student Life Programs at Ryerson fosters student engagement by providing opportunities for you to connect with your peers, explore leadership and contribute to our vibrant campus community:

- New Student Orientation – eases the transition into the Ryerson community by welcoming you, and connecting you with your peers and the many supports available at Ryerson.
- Student Event Management – supports and advises student leaders through event planning processes for on and off-campus student-led events.
- P-FACS (Project-Funds Allocations Committee for Students) – a student committee that grants funding to student-led initiatives on and off-campus.

The Writing Centre

www.ryerson.ca/writingcentre

writingcentre@ryerson.ca

416-979-5000, ext. 7192

Library Building, Room LIB-272-B

The Writing Centre has many resources to help you improve writing skills for essays and other written assignments. Students can book a private 50-minute session to work one-on-one with a tutor or register for various 50-minute workshops.

Tri-Mentoring Program

www.ryerson.ca/trimentoring

tmentor@ryerson.ca

416-979-5000, ext. 6634

Podium, Room POD-54

The program provides support to culturally and linguistically diverse students to help with your transition to university and, in your final year, the world of work. Upper-year students mentor first-year students. Once in the program, second- and third-year students continue to develop mentoring and other leadership skills. Third- and fourth-year students are partnered with career mentors who are working in your field of study and who will provide guidance and networking related to job searches.

PREVENTION AND SAFETY

Discrimination and Harassment

Prevention Services

www.ryerson.ca/equity

416-979-5349

Podium, Room POD-254

Discrimination and Harassment Prevention Services (DHPS) works with all members of the Ryerson community to ensure a work, study and living environment that is free from discrimination and harassment.

The Office administers Ryerson's Discrimination and Harassment Prevention Policy and Procedures and is based on the Ontario Human Rights Code. DHPS does not advocate for any individual or group, but advocates for fairness and for a community where the dignity and human rights of all its members are respected and upheld.

DHPS provides:

- educational workshops, seminars and training sessions related to equity
- confidential information on human rights complaints, and complaint procedures including investigation and mediation
- assistance in criminal harassment cases (such as stalking)
- resource material such as books, videos, DVDs, journals, case studies and articles related to human rights, equity and diversity

Security & Emergency Services

www.ryerson.ca/security

416-979-5040

111 Bond Street, 1st Floor

Security & Emergency Services, a division of Intergrate Risk Management, has developed a proactive set of programs to help students, staff and faculty become safety conscious. Security staff members are trained to assess and deal with campus security problems in a professional and courteous manner. As part of the 24-hour campus Walk Safe Program, security staff will escort you to your car, the closest transit stop or on-campus residences.

admission requirements

Admission requirements vary from program to program.

Visit www.ryerson.ca/undergraduate/admission/programs and select your program of interest to view program-specific requirements. See the Admission Requirements Charts on pages 116 to 125 in this publication for a quick overview.

You must have completed, or be currently completing, your program's admission requirements at the time you apply. Meeting the minimum published admission requirements and/or grades does not guarantee admission. Offers of Admission are granted to the best-qualified candidates based on the information available at the time of application review.

All Fall 2015 applicants, including those given an early or conditional Offer of Admission, are required to successfully complete all admission requirements by June 30, 2015. In most cases, this will exclude the possibility of using summer school, night school, virtual school, correspondence and/or distance education courses completed after this date to meet admission requirements. However, some Ryerson programs may consider extensions beyond June 30, 2015. Visit www.ryerson.ca/undergraduate/admission/apply/after and follow the links for Request Summer School or Other Extension.

Minimum Admission Requirements

You are encouraged to achieve as much breadth of preparation as possible in the course of your studies leading to the Ontario Secondary School Diploma (OSSD) or equivalent while also meeting the stated subject prerequisite requirements of the program(s) of your choice. The following are minimum requirements only and are subject to change:

- Completion of the OSSD or equivalent (see Alternate/Equivalent Admission Requirements, page 115).
- Six Grade 12U/M courses or equivalent including program-specific prerequisite courses and English (one of ENG4U, ETS4U, EWC4U) or Anglais (one of EAE4U, EAL4U, EAC4U). English/Anglais (ENG4U/EAE4U) is the preferred English for all programs and is the required English for Journalism, Media Production and Sport Media.

All Ryerson programs stipulate specific subject prerequisites. Grades required for admission are determined on the basis of competition.

Please note Grade 12U English/Anglais (or equivalent) is an admission requirement for all undergraduate programs; English as a Second Language studies or Tests for English Language Proficiency cannot be used as a substitute. Applicants whose first language is not English may also be required to submit proof of proficiency in English (see page 127 for English proficiency requirements).

Basis of Admission

Admission is based on competitive grades in program-specific subject requirements, competitive overall admission averages and, where applicable, non-academic requirements (e.g., portfolio, admission essay, interview, audition, etc.). For current Ontario secondary school applicants, Ryerson may use Grade 11 results in the early admission selection process.

Your complete academic record, including secondary school as well as all post-secondary studies (e.g., college, university or other post-secondary institutions), will be reviewed and considered as part of the competitive selection process.

- Program-Specific Subject Requirements: Specific Grade 12U/M course(s) or equivalents and minimum grade(s) required for admission vary with each program. Minimum grades typically in the range of 65% to 75% or higher are required in each of the program-specific subject requirements; subject to competition individual programs may require higher prerequisite grades.
- Overall Admission Averages: A minimum overall average of 70%* in six Grade 12U/M courses (or equivalent) establishes your eligibility to apply for admission; subject to competition, individual programs may establish higher academic averages.

**Ryerson receives more applications than spaces available. The averages/grades required for admission selection to each program is determined on the basis of competition each year. Possession of minimum averages and/or grades does not guarantee admission.*

- Non-Academic Requirements: Some programs (Grades-Plus) also specify non-academic requirements for admission (e.g., portfolio, admission essay, interview, audition, etc.). See specific non-academic requirements for individual Grades-Plus programs, including specific submission dates and procedures in the Academic Program page for your program of interest at www.ryerson.ca/undergraduate/admission/programs.



Privacy and Confidentiality

Ryerson University is committed to protecting your privacy and the confidentiality of your personal information. To read our Registrar's Notice of Collection and Use of Personal Information statement visit www.ryerson.ca/undergraduate/admission/connect/useofinformation.



Alternate/Equivalent Admission Requirements

Applicants educated outside of Ontario or those who have followed an alternate curriculum must present the equivalent of the Ontario Secondary School Diploma (OSSD) with six Grade 12U/M courses.

Visit www.ryerson.ca/undergraduate/admission/overview for more information. Please note that alternate admission requirements are determined at the sole discretion of Ryerson.

Students From Canadian Provinces/Territories Outside of Ontario

If you have been educated in a province or territory outside of Ontario, you are required to present a high school diploma (or equivalent) including the subject prerequisite(s) and grade(s) required for specific Ryerson programs. For a complete list of requirements by province/territory, including acceptable courses to meet program-specific prerequisite requirements, visit www.ryerson.ca/undergraduate/admission/overview.

Mature Student Applicants

If you do not possess the minimum admission requirements, you may be considered for admission if you meet all of the following requirements:

- You are 21 years of age by December 31 of the year in which you will commence studies;
- You have been away from formal education for at least two years;
- You are a Canadian citizen or a permanent resident, or are sponsored by a Canadian government agency; and
- You can present tangible evidence of your ability to cope with the Ryerson program and have completed, typically with grades of 70% or higher, all subject prerequisite(s) or equivalent required for individual program admission.

To determine the admission average, all subject prerequisite course grades are averaged. The average required for admission purposes will vary by program and is determined on the basis of competition. Where only one prerequisite is required for a program, the grade in that course must be competitive for admission purposes.

Minimum grades do not guarantee admission. Subject to competition, you may be required to present averages/grades above the minimum. Your complete academic record will be reviewed and considered as part of the competitive selection process. If you think you may be eligible under Ryerson's Mature Student Policy, you are required to follow all usual application procedures and arrange the submission of the same officially certified academic transcripts (including promotion/graduation status) and other documents as all other applicants. In the Ryerson Supplementary Form you must include a detailed outline, year by year, of your activities in and out of formal education. It is also recommended that you outline why you have chosen this program, your career ambitions and goals, and your past work experience.

International Education Systems

Applicants presenting studies from international systems of education, such as the American School System, the International Baccalaureate Diploma, British and French-Patterned education or other international education systems, will be considered according to competitive admission requirements. For detailed requirements visit www.ryerson.ca/undergraduate/admission/overview.

While every effort was made to ensure accuracy in this publication at the time of printing (July 2014), Ryerson University reserves the right to terminate the application process without notice and to amend information presented as necessary at any time. In particular, Ryerson reserves the right to withdraw or change academic program offerings and admission requirements at any time and to terminate the application process without notice. For additional information, refer to Ryerson's Undergraduate Calendar(s) at www.ryerson.ca/currentstudents/calendars.



FACULTY OF COMMUNICATION & DESIGN

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted) and Non-Academic Requirements (if/where applicable)

Creative Industries (BA)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)
- Recommended:**
- Grade 12 U/M Arts and/or Grade 11 or Grade 12 U/M Business Studies

Fashion (BDes)

Communication

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)
- Grade 11 U or M or Grade 12 U Mathematics [one of: MCF3M, MCR3U, MHF4U, MCV4U, MDM4U]

Recommended:

- Art/Visual Art and Sewing Courses (e.g., Life and/or Mechanical Drawing, Art History, Introductory Sewing and/or basic sewing skills)

PLUS Non-Academic Requirements:

- Portfolio
- Resumé
- Short essay

Graphic Communications Management (BTech)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)
- Grade 11 U or M or Grade 12 U Mathematics [one of: MCF3M, MCR3U, MHF4U, MCV4U, MDM4U]

Recommended:

- Grade 12 Principles of Financial Accounting (BAT4M) and/or Communication Technology (TGJ4M)

Image Arts (BFA)

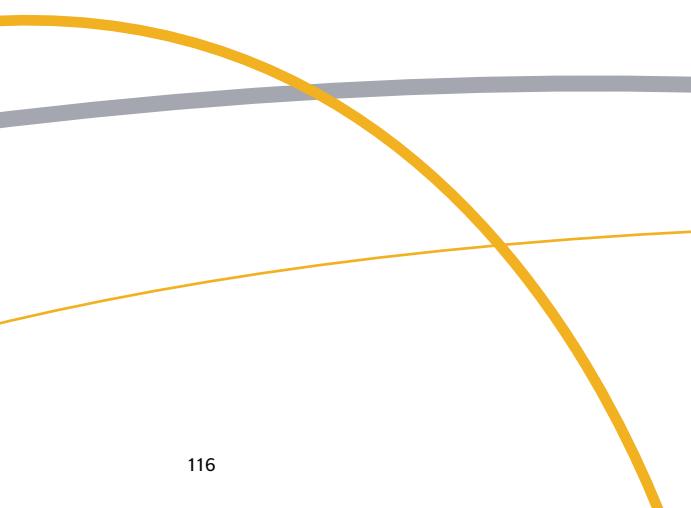
Film Studies

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

PLUS Non-Academic Requirements:

- | | |
|--|--|
| Film Studies: <ul style="list-style-type: none"> • Portfolio • Project outline • Written statement • Resumé | Photography Studies: <ul style="list-style-type: none"> • Portfolio • Written statement • Resumé |
|--|--|

- **Minimum Requirements and Basis of Admission:** See page 114 for equivalent admission requirements and grades/averages required to establish eligibility for admission consideration.
 - **Mature Student Guidelines:** See page 115 for the requirements to be considered as a mature student applicant.
 - **Non-Academic Requirements** noted are provided as a guideline and are subject to change; visit www.ryerson.ca/undergraduate/admission/overview and select Non-Academic Requirements.
 - **Entry Points:** Unless otherwise noted, programs offer Fall entry only.
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Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted) and Non-Academic Requirements (if/where applicable)

Interior Design (BID)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)
 - Grade 11 U or M or Grade 12 U Mathematics [one of: MCF3M, MCR3U, MHF4U, MCV4U, MDM4U]
 - One additional Grade 12 U or M course from the following: AVI4M, CIA4U, CGW4U, CHI4U, SPH4U, TGJ4M, TDJ4M
- > Other Grade 12 U or M courses in Canadian and World Issues may be considered on an individual basis. Students should select Physics (Grade 11 or higher) and the Art option in Grades 11/12 if available. Preference may be given to applicants who have included History or Visual Arts/Art History in their Grade 12 U/M studies.
- PLUS Non-Academic Requirements:**
- | | |
|------------------|--|
| • Portfolio | • Design test |
| • Personal essay | • Interview with faculty may be required |

Journalism (Bjourn)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U)
- PLUS Non-Academic Requirements:**
- Résumé
 - Essay
 - Portfolio (of published work) encouraged

Performance (BFA)**Acting**

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)
- PLUS Non-Academic Requirements:**

Dance

Full Time: Four Year

Acting:

- Audition/interview
- Written statement
- Résumé
- Reference letters

Dance:

- Audition/interview
- Résumé
- Reference letters

Production:

- Interview
- Résumé
- Reference letters
- Written statement
- Optional portfolio

Production

Full Time: Four Year

Production:

FACULTY OF ARTS

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted)

Arts and Contemporary Studies (BA)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

Arts (BA)

Full Time: Four Year
(One-Year Common Foundation)

- English/Anglais (ENG4U/EAE4U preferred)
- > The Arts programs noted in this section (Criminology (formerly Criminal Justice), English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, Psychology and Sociology) share a one-year foundation. Students can apply to transfer to one of these programs for second year and have all their completed courses credited to the new program. Students admitted to Undeclared must indicate, by Feb. 2 of the first year, which of the Arts programs they intend to pursue. Transfer applications are considered on a competitive basis subject to program capacity. Students intending to declare/transfer to Psychology or Criminology (formerly Criminal Justice) for second year should present a cumulative grade point average of 2.67 (B-) in their first semester studies at Ryerson to maximize their chances for consideration, subject to competition and available second-year spaces. Possession of the minimum cumulative grade point average does not guarantee program transfer.

English

Environment and
Urban Sustainability

Geographic Analysis

History

Philosophy

Politics and Governance

Psychology

Sociology

Undeclared (First-year studies only)

International Economics and Finance (BA)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)
 - Mathematics [one of Advanced Functions (MHF4U) or Calculus and Vectors (MCV4U) or Mathematics of Data Management (MDM4U)]
- > MHF4U and MCV4U are the preferred Mathematics courses.

Public Administration and Governance (BA)

Part Time: First-Year Entry

- English/Anglais (ENG4U/EAE4U preferred)
- > Winter, Spring and Fall entry points.

- Minimum Requirements and Basis of Admission: See page 114 for equivalent admission requirements and grades/averages required to establish eligibility for admission consideration.
- Mature Student Guidelines: See page 115 for the requirements to be considered as a mature student applicant.
- Entry Points: Unless otherwise noted, programs offer Fall entry only.

FACULTY OF COMMUNITY SERVICES

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted) and Non-Academic Requirements (if/where applicable)

Child and Youth Care (BA)

Full Time: Four Year	<ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred)
Full Time: Direct Entry	<ul style="list-style-type: none"> Three-year Child and Youth Worker Advanced Diploma from a public Ontario College, with minimum 3.0/B/70% cumulative GPA
Part Time: Direct Entry	<p>PLUS Non-Academic Requirements:</p> <ul style="list-style-type: none"> Resumé Personal essay Reference letter (documenting work/volunteer experience with children and youth) <p>> Potential students with extensive work experience in the field but with post-secondary academic credentials other than the three-year Child and Youth Worker Advanced Diploma from a public Ontario College will be considered on an individual basis and should apply to the four-year program. Those with out-of-province two-year diplomas will also be assessed on an individual basis.</p> <p>> Secondary school transcripts not required; Mature Student Guidelines do not apply.</p>

Disability Studies (BA)

Part Time: Degree Completion	<ul style="list-style-type: none"> Diploma in Developmental Services Worker or other disability related fields and disciplines (e.g., Social Service Worker) from a public Ontario College with a concentration in the area of disability and minimum B+ average Diploma must include a one-year (two-term course or equivalent) introductory university-level humanities or social science course or equivalent <p>AND</p> <ul style="list-style-type: none"> Two years (or equivalent) related work/advocacy experience. Applicants without this may be accepted, but must either complete DST 80A/B: Practicum in Disability Studies in the program or apply for an exemption if achieved while in the program. <p>PLUS Non-Academic Requirements:</p> <ul style="list-style-type: none"> Letter(s) from employer(s) documenting work experience Resumé of work/advocacy experience Letter explaining how attending program will benefit applicant <p>> Winter, Spring and Fall entry points.</p> <p>> Secondary school transcripts not required; Mature Student Guidelines do not apply.</p>
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Early Childhood Studies (BA)

Full Time: Four Year	<ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred) One Grade 11 U or M or Grade 12 U or M Mathematics or Science course (one of: MCF3M, MCR3U, SCH3U, SPH3U, SBI3U, SNC3M, SVN3M, MHF4U, MCV4U, MDM4U, PSE4U, SBI4U, SCH4U, SPH4U, SES4U, SNC4M)
Full Time: Direct Entry	<ul style="list-style-type: none"> Early Childhood Education Diploma from a public Ontario College or equivalent, with minimum 3.0/B/70% cumulative GPA
Part Time: Direct Entry	<p>AND</p> <ul style="list-style-type: none"> Applicants must have completed three lower-level one-term (or equivalent) liberal studies courses at a university (not part of a college program) with minimum B-/70% in each course (one course must be English; introductory Psychology or Sociology courses may not be used for admission purposes.) <p>> Secondary school transcripts not required; Mature Student Guidelines do not apply.</p>



FACULTY OF COMMUNITY SERVICES

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted) and Non-Academic Requirements (if/where applicable)

Midwifery (BHSc)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

Part Time: First-Year Entry

- One of: Biology (SBI4U) or Chemistry (SCH4U)

• One Grade 12 U or M course in Canadian World Studies or the Social Sciences and Humanities

PLUS Non-Academic Requirements:

- Ryerson Midwifery Program Supplementary Application Form
- Personal letter
- Interview when requested

>*The Midwifery Education Program is a highly competitive and limited enrolment program. Successful applicants normally have completed a minimum of one or more years of university or have equivalent experience before applying. We strongly encourage recent high school graduates interested in the program to gather further educational, work or volunteer experience prior to applying to the program.*

Nursing (BScN)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

- Biology (SBI4U)

- Chemistry (SCH4U)

- Grade 11 U or M or Grade 12 U Mathematics (one of: MCF3M, MCR3U, MHF4U, MCV4U, MDM4U)

Nursing Post-Diploma (BScN)

Full Time: Post Diploma

One of the following criteria:

Criteria A: RN Nursing Diploma from a public Canadian college with a 3.0/B/70% CGPA or higher. Proof of current registration as RN with a provincial or territorial regulatory body, or eligibility for registration as RN in Ontario.

Criteria B: Practical Nursing Diploma from a public Ontario College and Ryerson-approved bridging program, each with a 3.0/B/70% CGPA or higher and no repeated courses or failures. Proof of eligibility for registration as RPN in Ontario.

Criteria C: International nursing studies with good academic standing, AND one of the following:

- A Ryerson approved bridging program with a 3.0/B/70% CGPA or higher and no repeated courses or failures

OR

• Proof of current registration as RN with a provincial or territorial regulatory body, or eligibility for registration as RN in Ontario

>*Secondary school transcripts not required; Mature Student Guidelines do not apply.*

Nutrition and Food (BASc)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

- Chemistry (SCH4U)

- Biology (SBI4U)

Occupational and Public Health (BASc)

Occupational Health and Safety

Full Time: Four Year;
Five-Year Co-op

- English/Anglais (ENG4U/EAE4U preferred)

- One of Chemistry (SCH4U) or Biology (SBI4U)

Recommended:

- Grade 12 U courses in Physics and Mathematics

Public Health and Safety

Full Time: Four Year;
Five-Year Co-op

- Bachelor's degree or higher from an accredited university. Applicants must have as part of their degree (or other post-secondary education) credit for at least a single-term course in each of chemistry and organic chemistry (equivalent to CHY104 and CHY152 in the program).

Occupational Health and Safety

Full-Time: Two-Year Post-Baccalaureate
Degree Program

- Bachelor's degree or higher from an accredited university.

Public Health and Safety

Full-Time: Two-Year Post-Baccalaureate
Degree Program

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted) and Non-Academic Requirements (if/where applicable)

Social Work (BSW)

Full Time: Four Year	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred)
Full Time: Advanced Standing to Second Year	<ul style="list-style-type: none"> • Social Service Worker or Human Services Counsellor Diploma from a public Canadian college (or equivalent), with minimum 3.0/B/70% cumulative GPA <p>AND</p> <ul style="list-style-type: none"> • Less than two (2) years accumulated paid, full-time equivalent, relevant work experience in the social services field <i>> Summary of work experience in social services field must be submitted as part of application.</i> <i>> Given the strong competition for space, applicants will normally be required to present academic averages significantly higher than the minimum.</i> <i>> Secondary school transcripts not required; Mature Student Guidelines do not apply.</i>
Part-Time: Advanced Standing to Third Year	<ul style="list-style-type: none"> • Baccalaureate degree in humanities or social sciences from a Canadian university (or equivalent) with a 3.0/B/70% cumulative GPA, plus at least two years of accumulated paid, full-time equivalent, relevant work experience in the social services field <p>OR</p> <ul style="list-style-type: none"> • Social Service Worker or Human Services Counsellor Diploma from a public Canadian college (or equivalent) with minimum 3.0/B/70% cumulative GPA plus at least two years accumulated paid, full-time equivalent, relevant work experience in the social services field <p>AND</p> <ul style="list-style-type: none"> • Completion of prerequisite, CVSW15 A/B Foundations of Social Work II with at least a B grade <p>PLUS Non-Academic Requirements:</p> <ul style="list-style-type: none"> • Resumé of work and volunteer experience • Two letters of reference (one academic and one professional preferred) • Employment confirmation letter(s) <p><i>> Given the strong competition for space, applicants will normally be required to present academic averages significantly higher than the minimum.</i></p> <p><i>> Secondary school transcripts not required; Mature Student Guidelines do not apply.</i></p>

Urban and Regional Planning (BURPI)

Full Time: Four Year	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred) <p>Recommended:</p> <ul style="list-style-type: none"> • Grade 12 U or M courses in Social Sciences and the Humanities (HFA4M, HHS4M, HHG4M, HSB4M, HZT4U) and/or Economics (CIA4U) and U courses in Canadian and World Studies (CGW4U, CGU4U, CHI4U, CHY4U, CLN4U, CPW4U), Science (SBI4U, SCH4U, SPH4U, SES4U) and/or Mathematics (MHF4U, MCV4U, MDM4U)
Full Time: Two-Year Post-Baccalaureate Degree Program	<ul style="list-style-type: none"> • Completion of Baccalaureate degree from accredited English language university including minimum of six liberal studies (liberal arts and sciences) courses • Qualified applicants must successfully complete a 75-hour, three-week Spring/Summer intensive block course (CVUP 100) offered through The G. Raymond Chang School of Continuing Education. Students must complete CVUP 100 prior to their entry into the program.
Full Time: Two-Year Post-Diploma Degree Completion	<ul style="list-style-type: none"> • Completion of the Urban and Regional Planning Technician-GIS Diploma from Mohawk College or the GIS and Urban Planning Diploma from Fanshawe College with a minimum of a B average overall • Qualified applicants must successfully complete a 75-hour three-week Spring/Summer intensive block course (CVUP 100) offered through The G. Raymond Chang School of Continuing Education. Students must complete CVUP 100 prior to their entry into the program.

- **Minimum Requirements and Basis of Admission:** See page 114 for equivalent admission requirements and grades/averages required to establish eligibility for admission consideration.
- **Mature Student Guidelines:** See page 115 for the requirements to be considered as a mature student applicant.
- **Non-Academic Requirements** noted are provided as a guideline and are subject to change; visit www.ryerson.ca/undergraduate/admission/overview and select Non-Academic Requirements.
- **Entry Points:** Unless otherwise noted, programs offer Fall entry only.

FACULTY OF ENGINEERING AND ARCHITECTURAL SCIENCE

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted) and Non-Academic Requirements (if/where applicable)

Engineering (BEng)

Full Time: Four Year or optional Five-Year Industrial Internship Program (IIP)

- English/Anglais (ENG4U/EAE4U preferred)
- Advanced Functions (MHF4U)
- Physics (SPH4U)
- Chemistry (SCH4U)
- Calculus and Vectors (MCV4U)

Aerospace

Biomedical

Chemical (Co-op only, five years in length)

>All engineering programs share a common first semester. Students admitted to Undeclared must indicate, by Dec. 1 of the first semester, which of the eight engineering programs they intend to pursue. Transfer applications are considered on a competitive basis subject to space availability.

Civil

Computer

Electrical

Industrial

Mechanical

Undeclared

(First-semester studies only)

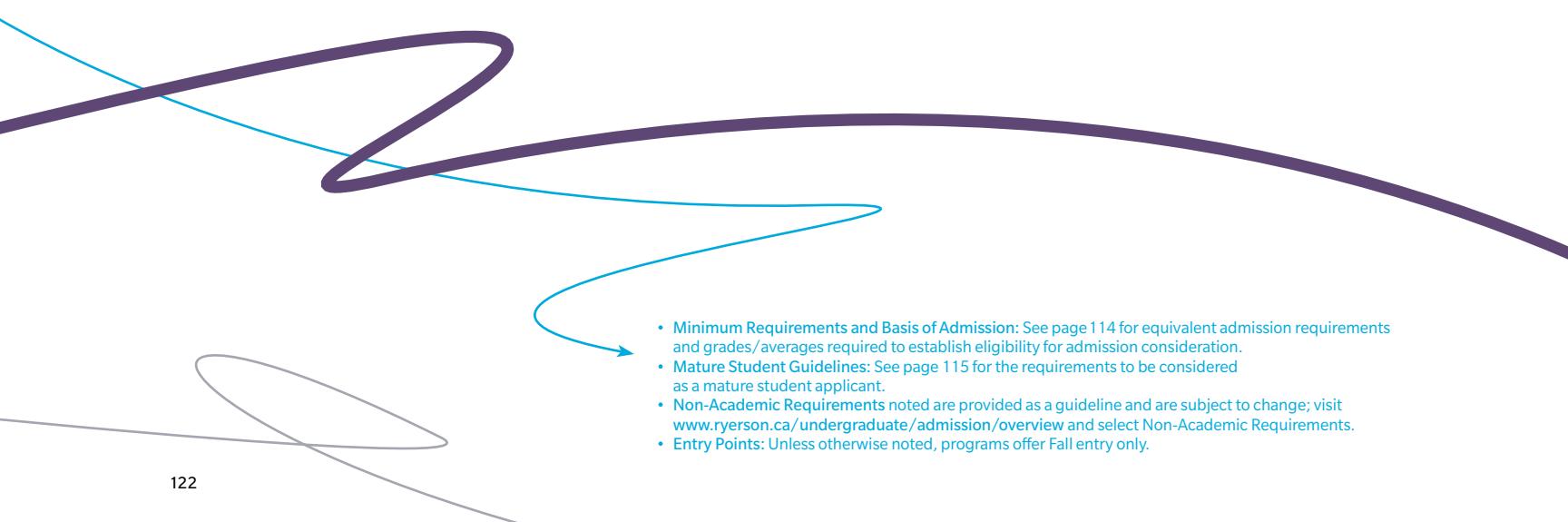
Architectural Science (BArchSc)

Full Time:
Four Year; Five Year Co-operative

- English/Anglais (ENG4U/EAE4U preferred)
- Physics (SPH4U)
- Mathematics [one of: Calculus and Vectors (MCV4U) or Advanced Functions (MHF4U)]

PLUS Non-Academic Requirements:

- Portfolio
- Admission questionnaire, written and sketching exercises
- On-Campus Admission Information and Evaluation Session (alternative process for applicants more than 400 km away)

- 
- Minimum Requirements and Basis of Admission: See page 114 for equivalent admission requirements and grades/averages required to establish eligibility for admission consideration.
 - Mature Student Guidelines: See page 115 for the requirements to be considered as a mature student applicant.
 - Non-Academic Requirements noted are provided as a guideline and are subject to change; visit www.ryerson.ca/undergraduate/admission/overview and select Non-Academic Requirements.
 - Entry Points: Unless otherwise noted, programs offer Fall entry only.

FACULTY OF SCIENCE

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted)

Science (BSc)

Full Time: Four Year or Five-Year Co-operative	<ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred) Advanced Functions (MHF4U) Two of Biology (SBI4U), Chemistry (SCH4U), or Physics (SPH4U) <p>Recommended:</p> <ul style="list-style-type: none"> Completion of all three science courses is recommended for all programs. <p>> These science programs share a common first year. Students admitted to Undeclared must indicate, by Feb. 1 of the first year, which of the three Science programs (Biology, Chemistry or Medical Physics) they intend to pursue. Transfer applications are considered on a competitive basis subject to space availability.</p>
Biology	
Chemistry	
Medical Physics	
Undeclared (First-year studies only)	
Biomedical Science	<ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred) Advanced Functions (MHF4U) Two of Biology (SBI4U), Chemistry (SCH4U), or Physics (SPH4U) <p>Recommended:</p> <ul style="list-style-type: none"> Completion of all three science courses is recommended.
Financial Mathematics	
Mathematics and its Applications	<ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred) Advanced Functions (MHF4U) One of Calculus and Vectors (MCV4U) or Mathematics of Data Management (MDM4U) One of Biology (SBI4U), Chemistry (SCH4U), or Physics (SPH4U) <p>> Students are encouraged to include Grade 12 U Physics (SPH4U) in their secondary school studies.</p>

Computer Science (BSc)

Full Time: Four Year or Five-Year Co-operative	<ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred) Advanced Functions (MHF4U) One of Physics (SPH4U), Chemistry (SCH4U), or Biology (SBI4U) One of Calculus and Vectors (MCV4U) or Mathematics of Data Management (MDM4U) (MCV4U preferred) <p>> Grade 12 U Physics (SPH4U) is the recommended Science course.</p>
Part-Time: First-Year Entry	<p>OSSD with six Grade 12 U or M courses including:</p> <ul style="list-style-type: none"> English/Anglais, Mathematics and Science courses as noted above <p>OR</p> <ul style="list-style-type: none"> Ability to meet Ryerson Mature Student Guidelines
Part-Time: Direct Entry/Advanced Standing	<p>OSSD with six Grade 12 U or M courses including:</p> <ul style="list-style-type: none"> English/Anglais (ENG4U/EAE4U preferred) Advanced Functions (MHF4U) One of Physics (SPH4U), Chemistry (SCH4U), or Biology (SBI4U) One of Calculus and Vectors (MCV4U) or Mathematics of Data Management (MDM4U) <p>OR</p> <ul style="list-style-type: none"> Ability to meet Ryerson Mature Student Guidelines <p>AND one of the following:</p> <ul style="list-style-type: none"> University degree (obtained within the last 10 years) in mathematics, science or engineering with a minimum cumulative GPA of 2.0 Three-year Advanced Diploma from a public Ontario College (obtained within the last 10 years) in computer science with minimum 3.0/B/70% cumulative GPA Eight or more Computer Science credits from The G. Raymond Chang School of Continuing Education (completed within the last 10 years) with equivalents in the full-time Computer Science program with a minimum grade of C in each course

TED ROGERS SCHOOL OF MANAGEMENT

NEW! Co-op options – rolling out across all TRSM programs schools beginning 2015. There will be 12 co-op BComm programs in total.

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted)

Accounting and Finance (BComm)

Full Time: Four Year; Five-year Co-op

- English/Anglais (ENG4U/EAE4U preferred)
- Advanced Functions (MHF4U)
- Calculus and Vectors (MCV4U)

Business Management (BComm)

Full Time: Four Year; Five-year Co-op

- English/Anglais (ENG4U/EAE4U preferred)
 - Mathematics [one of Calculus and Vectors (MCV4U), Advanced Functions (MHF4U) or Mathematics of Data Management (MDM4U)]
- > *MCV4U is the preferred Mathematics course.*

Part Time: First-Year Entry

- OSSD with six Grade 12 U or M courses including English/Anglais and Mathematics as noted above
- OR
- Ability to meet Ryerson Mature Student Guidelines
- AND
- Completion of at least one certificate program from the Business Management area taken through The G. Raymond Chang School of Continuing Education OR seven individual courses from the bachelor of commerce (Business Management) program taken through The Chang School or equivalent qualifications from other post-secondary institutions. The cumulative grade point average required for admission each year is determined on the basis of competition. Candidates are encouraged to present cumulative grade point averages of 2.67 (B-) or higher to maximize their chances for admission consideration on a competitive basis.

Full- and Part-Time Direct Entry

- Three-year Advanced Diploma in Business Administration from a public Ontario College. The cumulative grade point average required for admission each year is determined on the basis of competition. Candidates are encouraged to present a cumulative grade point average of 3.20 or higher to maximize their chances for admission consideration.
- > *Secondary school transcripts not required; Mature Student Guidelines do not apply.*

Business Technology Management (BComm)

Full Time: Four Year
Full Time: Five Year with optional Co-op

- English/Anglais (ENG4U/EAE4U preferred)
 - Mathematics [one of Calculus and Vectors (MCV4U), Advanced Functions (MHF4U) or Mathematics of Data Management (MDM4U)]
- > *MCV4U is the preferred Mathematics course.*

Part Time: First-Year Entry

- OSSD with six Grade 12 U or M courses including English/Anglais and Mathematics as noted above OR ability to meet Ryerson Mature Student Guidelines

Full- and Part-Time Direct Entry

- Ryerson-approved three-year Advanced Diploma specializing in Information and Communications Technologies (ICT) from a public Ontario College with a minimum 3.0/B/70% cumulative GPA
- > *Secondary school transcripts not required; Mature Student Guidelines do not apply.*

Full- and Part-Time Degree Completion

- Ryerson-approved three-year Advanced Diploma in Business Administration from a public Ontario College with a minimum 3.0/B/70% cumulative GPA
- > *Secondary school transcripts not required; Mature Student Guidelines do not apply.*

- **Minimum Requirements and Basis of Admission:** See page 114 for equivalent admission requirements and grades/averages required to establish eligibility for admission consideration.
 - **Mature Student Guidelines:** See page 115 for the requirements to be considered as a mature student applicant.
 - **Entry Points:** Unless otherwise noted, programs offer Fall entry only.
- 

Degree Program/Format

Program-Specific Subject Requirements (Grade 12 U unless otherwise noted)

Health Information Management (BHA)

Part Time: Degree Completion

Candidates must satisfy the requirements in either Stream A or Stream B PLUS the Non-Academic requirements:**Stream A:** Graduation from a health record/health information CHIMA-accredited or recognized program with a grade average of 3.0/B/70% or higher AND at least two years cumulative, current professional experience in the field of health information management. CHIMA professional registration/certification is required.**OR Stream B:** Graduation from a three-year Advanced Diploma program in applied health sciences (e.g., nursing, medical laboratory technology, chiropody, radiology, respiratory therapy) from a public Ontario College (or equivalent) with a grade average of 3.0/B/70% or higher. The diploma must include a one-year introductory, university-level humanities course or equivalent. Candidates must have at least two years of cumulative, current professional experience in the health services field.

Potential students with other post-secondary academic backgrounds and extensive professional experience in the field of health information management will be considered on an individual basis. Candidates must have completed at least two years undergraduate study in a health-related field or hold a degree in another field, from an accredited university. In either case at least two years of cumulative, current professional experience in the health information field is required.

PLUS Non-Academic Requirements:

- Documentation of professional registration/certification (where applicable)
 - Resumé of previous work, academic experience and professional activities
-> Winter, Spring and Fall entry points.
- > Secondary school transcripts not required; Mature Student Guidelines do not apply.

Health Services Management (BHA)

Part-Time: Degree Completion

Candidates must satisfy the requirements in either Stream A or Stream B PLUS the Non-Academic requirements:**Stream A:** Graduation from a three-year Advanced Diploma program in applied health science (e.g., nursing, medical laboratory technology, chiropody, radiology) from a public Ontario College (or equivalent) with a grade average of 3.0/B/70% or higher. The diploma must include a one-year introductory, university-level humanities course or equivalent. Candidates must have at least two years of cumulative current professional experience in the health services field.**OR Stream B:** Completion of at least two years of undergraduate study in a health-related field at an accredited university OR a bachelor's degree in another field, from an accredited university AND at least two years of cumulative, current professional experience in the health services field.**PLUS Non-Academic Requirements:**

- Documentation of professional registration/certification (where applicable)
 - Resumé of previous work, academic experience and professional activities
-> Winter, Spring and Fall entry points.
- > Secondary school transcripts not required; Mature Student Guidelines do not apply.

Hospitality and Tourism Management (BComm)

Full Time: Four Year; Five-year Co-op

- English/Anglais (ENG4U/EAE4U preferred)

- Mathematics [one of Calculus and Vectors (MCV4U), Advanced Functions (MHF4U) or Mathematics of Data Management (MDM4U)]
-> MCV4U is the preferred Mathematics course.

Retail Management (BComm)

Full Time: Four Year; Five-year Co-op

- English/Anglais (ENG4U/EAE4U preferred)

Part Time: First-Year Entry

- Mathematics [one of Calculus and Vectors (MCV4U), Advanced Functions (MHF4U) or Mathematics of Data Management (MDM4U)]
-> MCV4U is the preferred Mathematics course.

Full- and Part-Time
Direct Entry

- Two-year diploma in Fashion Business from Seneca College, Fashion Management from George Brown College, Fashion Merchandising from Fanshawe College or Fashion Arts from Humber Institute of Technology and Advanced Learning with a minimum 3.0/B/70% cumulative GPA. Consideration is for admission to the second year of the program. Some reachbacks are required.

> Secondary school transcripts not required; Mature Student Guidelines do not apply.

when to apply

We encourage you to apply for admission as early as possible. The application dates for guaranteed consideration have been selected to allow sufficient time for auditions, interviews and selection tests to be arranged where required, and to ensure that applications (and amendments to applications) for all programs will be received in time for consideration by the selection committees. All complete applications and amendments received by Undergraduate Admissions and Recruitment by the application dates outlined below will receive equal consideration. Applications, supporting documents and amendments received after these dates will be reviewed subject to space availability in the programs. However, many programs will continue to accept applications after the Guaranteed Consideration Dates. Some part-time undergraduate programs accept applications for the winter and spring terms. Visit www.ryerson.ca/undergraduate/admission/apply/dates for details.

FEBRUARY 1

Guaranteed Consideration Date for Applications to Grades-Plus Programs

Grades-Plus programs are those that select students on the basis of grades plus **Non-Academic Requirements** such as auditions, interviews, portfolios, essays, etc. If distance does not permit travel to Ryerson, selection methods may include telephone interviews, mail-in questionnaires and/or essays.

Non-academic material is generally due by the Guaranteed Consideration Date. However, it is important that you do not submit non-academic material until after you have actually submitted your application for admission and have received your Ryerson Number. Your Ryerson Number must be clearly printed on all non-academic materials you submit. Typical non-academic admission requirements are outlined in the Admission Requirements Charts on pages 116 to 125 in this publication. For further information about specific non-academic requirements, including submission deadline dates, procedures and applicable fees, visit the Academic Program page for your program of interest at www.ryerson.ca/undergraduate/admission/programs.

Grades-Plus Programs

Faculty of Communication & Design

- Fashion Communication
- Fashion Design
- Image Arts
 - Film Studies
 - Photography Studies
- Interior Design
- Journalism
- Performance
 - Acting
 - Dance
 - Production
- RTA School of Media
 - Media Production
 - New Media
 - Sport Media

Faculty of Community Services

- Child and Youth Care
(only Direct Entry program)
- Disability Studies
- Midwifery
- Social Work
(only Part-time, Advanced Standing program)

Faculty of Engineering and Architectural Science

- Architectural Science

Ted Rogers School of Management

- Health Information Management
- Health Services Management

MARCH 1

Guaranteed Consideration Date for Applications to Grades-Only Programs

Grades-Only programs are those that select students on the basis of academic achievement. Programs not listed under Grades-Plus programs are Grades-Only programs.



how to apply

STEP 1 – Submit Your Application

STEP 2 – Submit Required Documents and Information

STEP 3 – Track Your Application Status

STEP 1: Submit Your Application

Most applicants apply to undergraduate programs at Ryerson online via the Ontario Universities' Application Centre (OUAC) at www.ouac.on.ca. Current or former Ryerson students apply online via the Ryerson Application Form available at www.ryerson.ca/undergraduate/admission/apply/forms.

STEP 2: Submission of Documents

All applicants must review the information in Ryerson's document submission policies and procedures at www.ryerson.ca/undergraduate/admission/apply/documentsubmission and arrange submission of the following by all noted deadlines:

- Academic Transcripts
- Non-Academic Requirements (if applicable), see When to Apply for details
- Supplementary Form and Supporting Documents (if applicable)
- Proof of English Language Proficiency

Applicants are required to upload all transcripts, the Supplementary Form and supporting documents, where applicable, via our Document Upload Page. For further information regarding the submission of documents to Ryerson, please visit www.ryerson.ca/undergraduate/admission/apply/documentsubmission.

Please note: All transcripts received via the Document Upload Page are considered **unofficial**. If you are offered admission, you will then need to provide official transcripts (sent to us by mail in a sealed envelope directly from the institution).

Your Offer of Admission will be contingent upon the receipt and verification of your official documents.

Academic Transcripts

You are personally responsible for the submission of both secondary and all post-secondary school

academic transcripts, regardless of the date of completion and the country of origin. You should make all the necessary arrangements for submission of required transcripts at the time of application to ensure documents are received by applicable deadlines. Academic studies required for admission must be completed or in progress at the time of application. Transcripts must show the individual marks or grades achieved in each course or subject taken, as well as the diploma/degree awarded (if applicable). If you are a current Ontario secondary school student your grades will be submitted by your guidance office to the OUAC.

Ryerson Supplementary Form and Supporting Documents

As part of the application process, all applicants who are not currently attending an Ontario secondary school in a daytime program of study are required to submit a Ryerson Supplementary Form.

If you are required to submit supporting documents in addition to your transcripts (e.g., marriage certificate or proof of name change), you must do so directly to Undergraduate Admissions and Recruitment.

Study Permit Applicants

If you are not a Canadian citizen or a permanent resident, you must indicate on your application that you have obtained or intend to obtain a study permit [and a Temporary Resident Visa (TRV) if applicable]. Visit www.cic.gc.ca for details. If you are already in Canada on a study permit, you must submit a copy of your visa authorization form or immigration papers confirming your status.

Proof of English Language Proficiency

If you are from a country where English is not the first language, or where English is an official language but not the first language, and you have resided in Canada for four years or less (i.e., your date of entry to Canada was on or after January 1, 2011 for Fall 2015), you are required

to present proof of English language proficiency at a satisfactory level. Ryerson will not accept English 12U or equivalent in lieu of a test of English language proficiency. Ryerson reserves the right to deny admission to those applicants who do not demonstrate satisfactory English language proficiency, regardless of academic qualifications. You are strongly encouraged to complete your English language proficiency test and arrange for official test results to be submitted by April 1 or earlier. Visit www.ryerson.ca/undergraduate/admission/english for details.

Ryerson ESL Foundation Program

Students who are academically qualified and competitive for admission to Ryerson, but do not meet our minimum English proficiency test requirements are encouraged to apply to the Ryerson ESL Foundation Program when they submit their application to Ryerson via the OUAC website. The Ryerson ESL Foundation Program combines English language preparation with up to three degree-credit courses. Students who complete the program successfully are guaranteed admission to full-time programs at Ryerson. Visit www.ryerson.ca/ce/fulltimeESL for details.

STEP 3: Track Your Application Status via Your Choose>Ryerson Applicant Portal

The Choose>Ryerson applicant portal is your personalized web portal that we use to communicate directly with you regarding your application. It will be your responsibility as an applicant to access your Choose>Ryerson applicant portal to track the status of your application(s) and view all communications issued to you from Ryerson. The portal can be found at choose.ryerson.ca, and is available to you around the clock, seven days a week.

→ Minimum English Proficiency Scores (subject to change – use as a guideline only)*

Undergraduate Program	TOEFL – Ryerson Institute Code 0886	MELAB	IELTS	CAEL	PTE
Creative Industries Journalism Media Production Professional Communication Sport Media	580 Paper-based; 92-93 Internet-based	90	6.5	70	60
All Engineering programs All Faculty of Science programs except Computer Science	560 Paper-based; 83-87 Internet-based	85	6.5	60	60
All other programs	580 Paper-based; 92-93 Internet-based	85	6.5	70	60
Ryerson ESL Foundation Program	520 Paper-based, 68 Internet-based	70	5.0	50	50

TOEFL – Test of English as a Foreign Language; MELAB – Michigan English Language Assessment Battery; IELTS – International English Language Testing Service;

CAEL – Canadian Academic English Language Assessment; PTE – Pearson Test of English

*Subject to competition, higher English Proficiency test results may be required.

visit the campus

Campus Tours

Fall 2014:

Monday, September 15 through Friday, November 21, 2014

Winter 2015:

Monday, January 12 through Friday, April 10, 2015

General campus tours are available Monday through Friday at 10 a.m. and 1 p.m. throughout the year (except on holidays and during Ryerson exam periods). All tours last approximately one hour and 15 minutes and are led by current Ryerson students.

Video Campus Tour

Can't join us in person? We've got you covered! Check out our video campus tour which highlights the various buildings and facilities you would see on a campus tour.



Discover Ryerson Thursday, November 6, 2014

Discover Ryerson gives you the chance to attend an information session about the undergraduate program that interests you. You'll have the opportunity to talk one-on-one with representatives from undergraduate admissions and student services, as well as faculty, staff and students. You can also tour the general campus, residences and athletic facilities.



I love #DiscoverRyerson! Makes me reminisce about when I made the amazing decision to come to Ryerson

Ryerson Theatre School Open House Thursday, November 13, 2014

Interested in finding out more about Canada's leading theatre conservatory training program? You won't want to miss the Ryerson Theatre School Open House where you will meet faculty, staff, current and former students; watch master classes; see a short dance and acting presentation; and receive a tour of the facility. Meet our internationally acclaimed faculty to learn more about auditions, portfolio reviews, and overall training. This is one event you won't want to miss!

Virtual visits

Join us online to chat with professors, current students, admissions representatives and more! Visit www.ryerson.ca/undergraduate/admission/ visit often to check out what's available.

March Break at Ryerson Monday, March 16 to Friday, March 20, 2015

Come spend part of your March Break with us! March Break at Ryerson is a full week of special tours, presentations and our March Break Open House on Thursday, March 19.

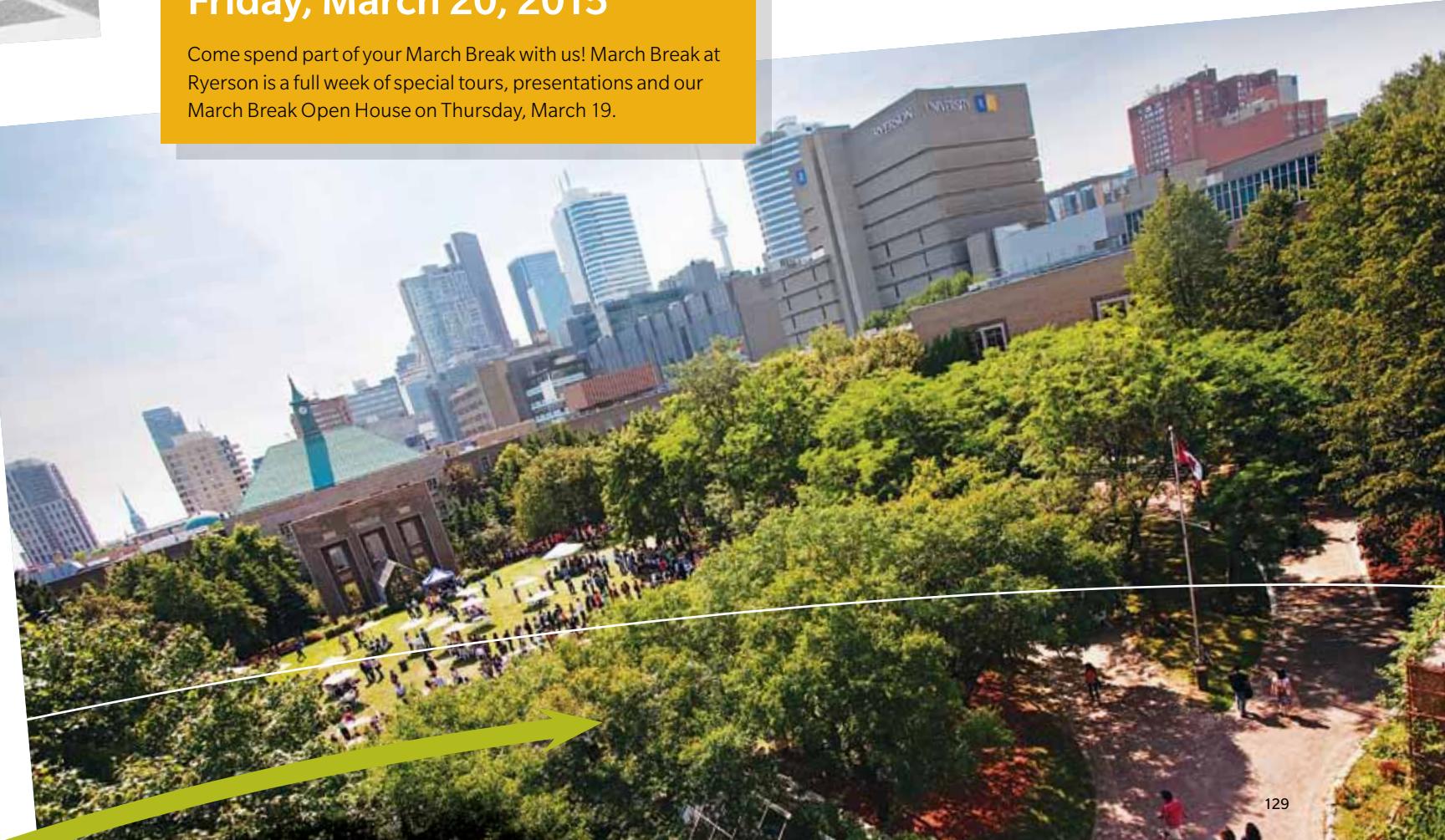
 I fell in love with Ryerson today #futureram

**Come See us at the Ontario Universities' Fair (OUF)
September 19-21, 2014
#RyersonOUF**

Guidance Counsellor Days Friday, October 24, 2014 Friday, February 27, 2015

Guidance counsellors - please join us for a hot breakfast and a day of professional development!

 Ryerson's open house was amazing!



ryerson campus map



ARC Architecture Building, 325 Church Street
BKS Bookstore, 17 Gould Street
BON Capital Projects & Real Estate, Security, 111 Bond Street
BTS Bell Trinity Square, 483 Bay Street
CED Heaslip House, The G. Raymond Chang School of Continuing Education, 297 Victoria Street
COP Co-operative Education, 101 Gerrard Street East
CUE Centre for Urban Energy, 159 Dalhousie Street
DSQ 10 Dundas Street East – Yonge-Dundas Square
ENG George Vari Engineering and Computing Centre, 245 Church Street
EPH Eric Palin Hall, 87 Gerrard Street East
GER Research/Graduate Studies, 111 Gerrard Street East
HEI HEIDELBERG Centre – School of Graphic Communications Management, 125 Bond Street
ILC International Living/Learning Centre, 133 Mutual Street/240 Jarvis Street
IMA School of Image Arts, 122 Bond Street
JOR Jorgenson Hall, 380 Victoria Street
KHE Kerr Hall East, 340 Church Street/60 Gould Street
KHN Kerr Hall North, 31/43 Gerrard Street East
KHS Kerr Hall South, 40/50 Gould Street
KHW Kerr Hall West, 379 Victoria Street

LIB Library Building, 350 Victoria Street
MAC Mattamy Athletic Centre, 50 Carlton Street
MER Merchandise Building, 159 Dalhousie Street
MON Civil Engineering Building, 341 Church Street
OAK Oakham House, 63 Gould Street
OKF O'Keefe House, 137 Bond Street
PIT Pitman Hall, 160 Mutual Street
PKG Parking Garage, 300 Victoria Street
POD Podium, 350 Victoria Street
(enter from Jorgenson Hall or the Library Building)
PRO Projects Office, 112 Bond Street
RAC Recreation and Athletics Centre, entrance through archway at 40 and 50 Gould Street
RCC Rogers Communications Centre, 80 Gould Street
RIC Ryerson Image Centre, 33 Gould Street
SBB South Bond Building, 105 Bond Street
SCC Student Campus Centre, 55 Gould Street
SHE Sally Horsfall Eaton Centre for Studies in Community Health, 99 Gerrard Street East
SID School of Interior Design, 302 Church Street
THR Theatre School, 44/46 Gerrard Street East
TRS Ted Rogers School of Management, 575 Bay Street (entrance at 55 Dundas Street West)
VIC Victoria Building, 285 Victoria Street
YDI Yonge-Dundas I, 1 Dundas Street West
YNG 415 Yonge Street

- P parking
- S security
- T Direct underground access from the Ted Rogers School of Management to the Dundas Subway
- B transit stop
- S subway station

Mattamy Athletic Centre at the Gardens





stay connected



[instagram.com/RyersonUAR](https://www.instagram.com/RyersonUAR)



twitter.com/RyersonUAR



facebook.com/RyersonUAR



youtube.com/RyersonUAR



vine.co/RyersonUAR



RyersonUAR



Admissions App

Your guide to Ryerson, including an interactive campus tour, admissions handbook, news, blogs, video and photo galleries.



Download for iPhone,
iPad and Android.

A large smartphone is shown from a front-on perspective, displaying the "Discover Ryerson University" mobile application. The app has a dark blue header with the text "DISCOVER RYERSON UNIVERSITY" in large, white, sans-serif capital letters. Below the header is a large, dark blue rectangular area featuring a photograph of the Ryerson University building. At the bottom of the screen is a horizontal menu bar with yellow and white sections. From left to right, the menu items are: "CAMPUS TOUR" (with a small thumbnail image of a building), "ADMISSIONS HANDBOOK" (with a small thumbnail image of a document), "PHOTO GALLERY" (with a small thumbnail image of people), "VIDEO GALLERY" (with a small thumbnail image of a person), and "RYERSON BLOGS" (with a small thumbnail image of a group of people). To the right of the menu, there is a "Ryerson Updates" section with a "New multidisciplinary BA prepares students for careers in environmental sector" heading and a "Read More" link. Another section below it discusses a communications program and also includes a "Read More" link. The overall design of the app is clean and modern, using a color scheme of dark blues, yellows, and whites.



Guest Blog: A Wee Lassie Abroad, Ya Keen?

May 28, 2014 ■ Student ■ No Comments

Eva Hellreich-Newby is a 3rd year English student at Ryerson University. In Fall semester 2012 a mass email was sent out through RyMail advertising the opportunity to study abroad. Frankly speaking, I'm not one for thoughtfully ingesting every mass email that the school sends out, but the caption of this one caught my eye. I [...]

[Continue reading...](#)

Emily

Share Story



Stay Connected



Who or What is U

Hi! We're Undergraduate and Recruitment. We're here for the promotion of, and process for, undergraduate programs at Ryerson University. You see a post tagged U, it comes from our staff, and Student means it comes from a Ryerson Ambassador.

Instagram

Followers 655 Following 7



ask.ryerson.ca

Ask Ryerson is a resource for all your Ryerson admission questions. Available 24 hours a day, 7 days a week, 365 days a year.

why.ryerson.ca

Hear straight from our students at WhyRyerson as they share their Ryerson experiences, and check out our admissions posts for the latest updates and information.

choose.ryerson.ca

Visit Choose>Ryerson to check your application status and documents.

Location on Campus

Podium Building, Room POD-144
380 Victoria Street, Toronto
Nearest intersection: Yonge/Gerrard

Mailing Address

Undergraduate Admissions and Recruitment
Ryerson University, 350 Victoria Street
Toronto, Ontario, Canada M5B 2K3

Contact Us

Undergraduate Admissions and Recruitment
www.ryerson.ca/undergraduate/admission
416-979-5036



Ryerson University
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ryerson.ca

RYERSON
UNIVERSITY

Everyone Makes a Mark