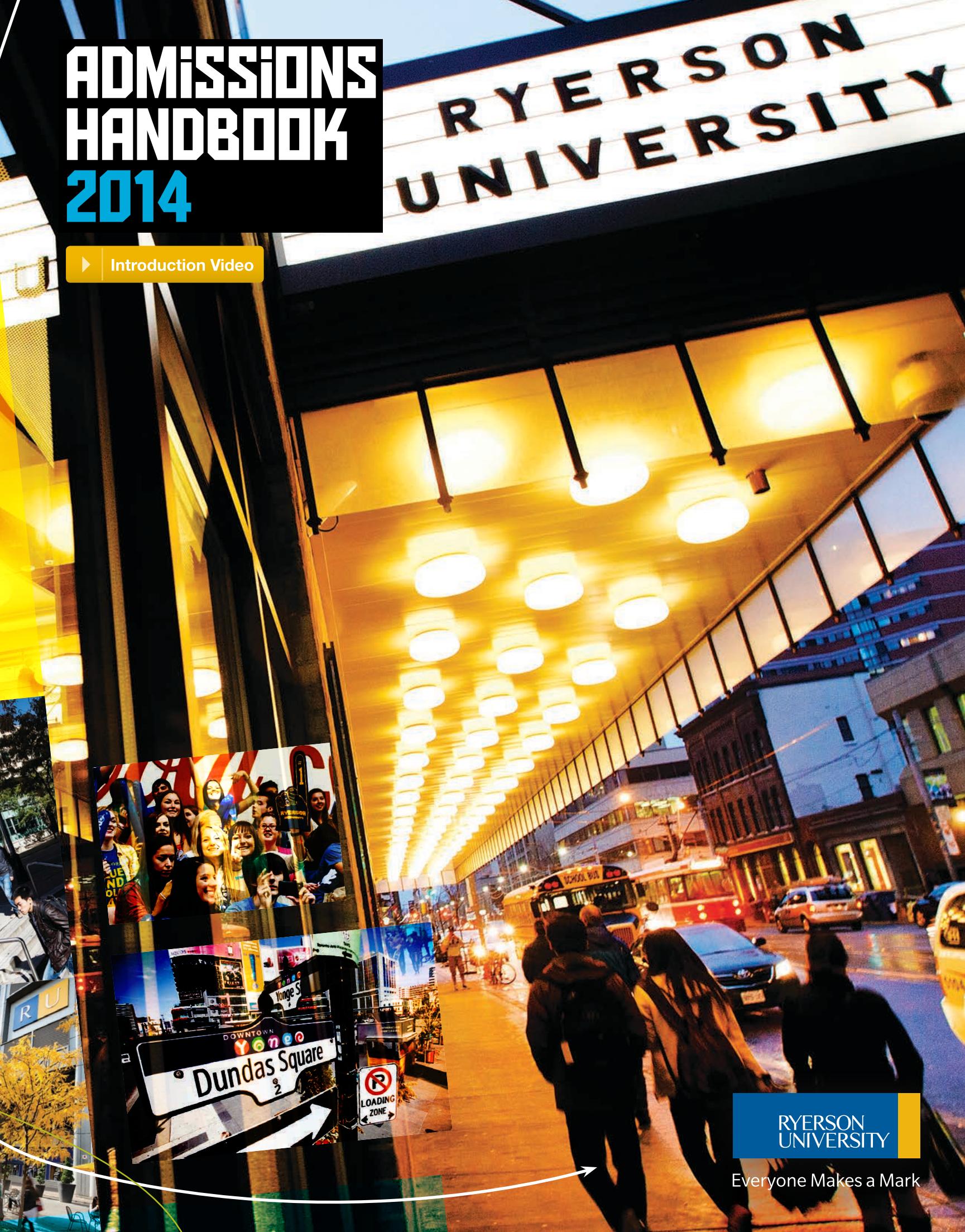


ADMISSIONS HANDBOOK **2014**

▶ Introduction Video



**RYERSON
UNIVERSITY**

Everyone Makes a Mark



Ryerson University
Toronto Canada
416-979-5000
ryerson.ca

RYERSON
UNIVERSITY

Everyone Makes a Mark

ADMISSIONS HANDBOOK **2014**



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Ryerson University where go-getters go to learn

Self-starters are forward-looking people who act of their own accord to bring about tremendous change. And you can find them in every classroom, studio and laboratory at Ryerson University – a city builder and catalyst for renewal in downtown Toronto.

“The Ryerson edge is all about inspiring students to be their very best,” says President Sheldon Levy. “We are proud to make bold decisions that engage student spirit and build our community.”

Our students don’t wait until graduation to make a difference. From the second they step onto our campus, they begin using their unique talents, skills and strengths to transform the world. Just consider the impressive and international impact of Enactus Ryerson, a group of student leaders in the Ted Rogers School of Management. In addition to establishing microloans for 20 women in a Kenyan village and teaching them financial literacy skills, the Enactus team worked with the community to set up an income-generating beekeeping operation that also pollinated 8,658 acres of farmland and helped feed local orphans.

But that’s not the only example of entrepreneurial success at Ryerson. Across our university, students, alumni and faculty members have started flourishing businesses and developed revolutionary technologies. Along the way, these dynamos have created hundreds of jobs and given a major boost to innovation in Canada.

Students, however, don’t have to be business leaders or social innovators in order to initiate something extraordinary. An experiential-based education from Ryerson prepares graduates to energize workplaces, enter well-respected graduate programs and ultimately, invigorate a broad range of fields.

It’s clear that enterprising people choose Ryerson. Now only one question remains: what will you start when you’re here?





RYERSON=

URBAN

Located in the downtown core, Ryerson thrives on the energy of Canada's biggest, most dynamic city. That vitality can be felt everywhere on and around our university. Inside the classroom, you experience it in the form of stimulating ideas and creative learning. Outside the classroom, you sense it as you cross the campus, the home of Toronto International Film Festival screenings and Scotiabank Nuit Blanche, the annual all-night arts festival. Within our urban, cosmopolitan surroundings, you will find ongoing opportunities for career-relevant learning, diverse and exciting options for arts and entertainment, and fun social activities:

- 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.
- Exceptional shopping destinations.
- Next door to Yonge-Dundas Square, a hub for festivals, special events and free concerts in the heart of the city.



RYERSON=

QUALITY

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? Attend sporting events, participate in intramural leagues 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? Take in a photography exhibit at the Ryerson Image Centre – a spectacular teaching, research and exhibition facility that won an award from the Ontario Association of Architects in 2013. The centre's signature holding is the Black Star Collection, which features approximately 292,000 photojournalistic prints, a sizable fine art photographic collection and several world-renowned artist archives.

Want an inspiring space to study? Soon you can head for the new Ryerson Student Learning Centre. Designed by the acclaimed international architectural team of Zeidler Partnership Architects of Toronto and Snøhetta of Oslo, Norway and New York City, this stunning and award-winning building on Yonge Street will provide incredible spaces for collaboration and discovery, a bridge to the existing library and ground-level retail shopping.

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





1



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3

"The thing that excites me most about Ryerson is that it attracts this wonderfully diverse student body, which flows into Toronto's downtown core, ready to engage with both their academic work and their communities. As a philosopher and a business professor, this combination of a passion for inquiry with an interest in engagement is truly inspiring."

Chris MacDonald, PhD
Associate Professor, Law and Business
Director, Jim Pattison Ethical Leadership Education
& Research Program



1 Mattamy Athletic Centre

2 Ryerson Image Centre

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



"As a Ryerson faculty member, I'm well connected to other researchers in the GTA and abroad who are conducting world-class biomedical ultrasound research. It is especially stimulating to have so many opportunities to collaborate with clinical and industrial partners on translating my research into innovative products for real-world clinical applications."

Jahan Tavakkoli, BSc, MASC, PhD, SMIEEE
Associate Professor, Physics





RYERSON=INNOVATION

Teaching

Ryerson professors are accomplished and innovative. They have a variety of scholarly, creative and research interests, as well as strong industry connections. Distinguished visiting scholars and practitioners have included journalists Tony Burman and Diane Francis; politician Marie Bountrogianni; humanitarian and activist Stephen Lewis; filmmaker Atom Egoyan; and labour leader Buzz Hargrove.

Partnerships

Ryerson has strong connections to organizations and industry. At Ryerson's Centre for Urban Energy, for example, academic and industry leaders are exploring and developing sustainable energy technologies. A pledge of \$7 million from founding partners Hydro One, Toronto Hydro and Ontario Power Authority will enable the state-of-the-art facility to conduct intensive energy research and development projects, build its capacity and grant student awards.

Entrepreneurship

Ryerson cultivates innovation and entrepreneurship in Toronto and across Canada. The university's Digital Media Zone is a tech business incubator that allows students, alumni and young entrepreneurs to create, collaborate and connect. Overlooking Yonge-Dundas Square, this five-floor facility with its fully-equipped work space facilitates mentoring and industry connections. Those links, in turn, enable startup companies to turn their digitally driven innovations into market-ready products. Check it out: www.ryerson.ca/dmz.

Research

Ryerson ranks in the top half of non-medical Canadian universities for research. In fact, the university is internationally renowned for its boundary-pushing research in the areas of digital media; energy, sustainability and the environment; health and well-being; civil society; design, creative expression and cultural industries; innovation and entrepreneurship; and learning and teaching effectiveness.

RYERSON= **CAREER-RELEVANT** **LEARNING**

Progressive in its approach and relevant in its content, a Ryerson education empowers students to realize their career goals. Classroom learning is applied in practical contexts, students engage with professionals and institutions in their chosen fields, and faculty members strongly encourage learners to fully explore future career opportunities.

As Canada's leader in innovative, career-focused education, Ryerson is known for:

- Programs that feature experiential learning opportunities, including co-op, internships and placements. For example, in the research internship program, undergraduate students in electrical, computer and biomedical engineering gain hands-on knowledge while conducting supervised research on real projects assigned by faculty members.
- A wide range of partnerships with local and worldwide organizations, including new joint programs with Osgoode Hall Law School and St. Michael's Hospital. Additionally, the School of Urban and Regional Planning has formed exchange programs with several universities throughout the United Kingdom and Australia. These partnerships enable students to learn about city building from new perspectives.
- Educational field trips to locales around the world. For instance, the Department of Geography organizes a number of field trips that are aimed at further developing students' research skills. Past destinations have included Ontario's Niagara Peninsula, as well as Austria, China, Germany and Italy.
- A vigorous entrepreneurship education, with more than 10 per cent of students engaged in entrepreneurial-focused degrees, courses, research, mentoring programs or workshops.





"Ryerson's multi-faceted approach to learning makes students real masters of their craft. The combination of theoretical and practical training I received made me stand out in professional settings, whether at Rogers Television in Canada or MTV Networks in the USA. My education has truly been the backbone of my success."

Natasha Chandel, BA
Radio and Television Arts '06
Digital Producer, MTV Networks (NY)



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
Criminal Justice	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		Full Time: Four Year Part Time: First-Year Entry	
Nursing	52	BScN	Full Time: Four Year	
Nursing Post-Diploma	53		Contemporary Science	
			Financial Mathematics	
			Mathematics and its Applications	
Nutrition and Food	54	BASc	Medical Physics	
Occupational and Public Health <ul style="list-style-type: none">• Occupational Health and Safety• Public Health and Safety	55		Undeclared Science	
			Full Time: First-Year Studies Only	
Social Work	57	BSW	Full Time: Four Year Part Time: Advanced Standing	
Urban and Regional Planning	58		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)
Contemporary Science	78		Full Time: Four Year; Five-Year Co-operative
Financial Mathematics	79		
Mathematics and its Applications	80		
Medical Physics	81		
Undeclared Science	82	Full Time: First-Year Studies Only	

Ted Rogers School of Management

Introduction: Page 84

Admission Requirements: Page 124

Program	Page	Degree	Program Format(s)
Accounting and 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 Part Time: First-Year Entry; Direct Entry; Degree Completion
Business Management	88		Full Time: Four Year; Direct Entry Part Time: First-Year Entry; Direct Entry
Health Information Management	90		Part Time: Degree Completion
Health Services Management	91		Part Time: Degree Completion
Hospitality and Tourism Management	92		Full Time: Four Year
Retail Management	93		Full Time: Four Year; Direct Entry Part Time: First-Year Entry; Direct Entry

"At Ryerson I've been supported intellectually and financially to conduct research in Rwanda and Malawi; to participate in conferences in Toronto, Kingston, Boston, and Montreal; and to study abroad in London and Paris. These experiences – combined with small class sizes, passionate faculty, and an exciting downtown Toronto campus – have made my undergraduate education a world-class experience."

Chuck Howard
4th year International Economics and Finance



FACULTY OF ARTS

- 14 Arts and Contemporary Studies
- 15 Criminal Justice
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- 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

 Hear From a Student

 Sample Courses

arts and contemporary studies



Arts and Contemporary Studies—Is It For You?

How did we get here? What social and cultural trends shape our way of life? And what are the solutions to today's complex challenges? These are the subjects that Ryerson graduates consider as they use creative and constructive thinking to solve a variety of real-world problems. Only Arts and Contemporary Studies combines an education in the humanities 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 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, events 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 teacher's college, law school or graduate school.



Sample Courses

criminal justice

Criminal Justice—Is It For You?

Law and order is only the beginning of criminal justice. 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: Opportunity to participate in international exchange programs to strengthen your skill set and broaden your understanding of criminal justice concepts and practices.



Classes

- In your first year, take courses common to the English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, Psychology and Sociology programs. Criminal Justice courses will focus on the nature of crime in Canada, theories of criminal activity, and the policing, criminal courts and prison systems. Learn a wide range of social science and humanities theories and practices to prepare for advanced criminal justice studies.
- Years two, three and four will feature courses in the foundations of criminal law, the experiences of crime victims, aboriginal justice, criminal justice ethics, strategies of crime control and prevention, and the influence of race, class and gender on the administration of criminal justice.
- Throughout the program, you will explore the fields of law, business and social sciences.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in areas such as policing, corrections (prisons, parole, probation), victim support and community justice.
- Pursue roles that involve working with: offenders or prisoners as a correctional officer or case worker; young offenders in the community or in an institutional setting; women in conflict with the law; victims of crime (for example, helping them to prepare for court); or inmates being released from prison.
- Get involved in community-based alternatives to the criminal justice system, such as diversion or restorative justice.
- Use the degree as a springboard to advanced study in law school or graduate studies in criminology and other disciplines.

"The inclusive environment at Ryerson empowered me to reach my full potential. I gained the confidence to become a leader, inspire others in my community, and show that post-secondary education is not only attainable but life changing."

Femi Lawson, BA
Criminal Justice '10
Graduate student, York University



Sample Courses

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.

Classes

- In your first year, take courses common to Criminal Justice, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, Psychology and Sociology programs. English courses examine narratives from the oral tradition to the digital age under the guiding rubrics of fiction and non-fiction, and introduce you to literature, art, culture, critical methodologies, analytical writing and research.
- In second year, you will enjoy more freedom to customize your learning by choosing electives. You will also take two courses to establish a strong foundation in theory and methodology, and a hands-on project course that involves experiential learning in creative writing, digital archiving and publishing, writing in the arts or writing practice.
- Your third year will feature a course in advanced English research methods. Select your remaining English electives from three areas: Literatures and Cultures from the 16th to 21st Centuries; Diversity in Identities, Communities and Nations; and Genre and Media.
- Your final year will include an English capstone seminar and at least one other capstone elective to help you develop in-depth expertise and practical experience.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in writing, editing, publishing, business, public relations, advertising, cultural advocacy, government, media, teaching, or the creative industries.
- Engage in post-graduate studies in English, or in related fields such as culture, the arts, print and media, library science, gender and global issues, or law.

environment and urban sustainability

 Sample Courses

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

Work Internships: Build your experience and your contacts in the field through two optional placements featuring a minimum of 10 weeks of full-time employment.

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 the Criminal Justice, English, Geographic Analysis, History, Philosophy, Politics and Governance, Psychology and Sociology programs. Environment and Urban Sustainability courses will focus on field methods, research design, academic writing, critical thinking and demographic analysis.
- Your studies in second, third and fourth year will involve interpreting environments, examining ecological processes, exploring urban policy, critiquing sustainable initiatives, and using the principles underlying 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.



 Hear From a Student

 Sample Courses

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 paid 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 or Germany.

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 Criminal Justice, 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, 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, housing, and industry planning and trade.





Sample Courses

history



History—Is It For You?

Do you like learning about peoples, places and events of the past? Do you find the cultures of the world fascinating? Would you like to understand the challenges humans have faced through the centuries? At Ryerson, explore the past and its impact on modern society by examining historical debates, documents, artifacts, audio-visual productions and other sources. Ryerson graduates are culturally astute and have the research, analytical and communications skills needed for a wide range of careers.

Experience

Thematic Courses: You can pursue your interests in history, from ancient times to the present, in the Americas, Africa, the Middle East, Asia and Europe, as well as in International Relations and the History of Science and Technology.

Historian's Craft: Our special courses on the methods and resources scholars use to understand the human experience also focus on enhancing professional skills needed for the workplace.

Great Options: You can pursue study-abroad opportunities, and take courses in Experiential History, which involve performing real-world history work; and Heritage Management, which prepare you for jobs in museums, historic sites and heritage agencies.

Capstone Courses: In your final year, senior seminars and an optional thesis project will pull together the expertise and knowledge you have gained in your studies and help prepare you for your career.

Beyond the Classroom: You will enjoy history, engage with the world and make new friends through the student-run History Association, and prepare for your future through career-planning seminars and other events.

Classes

- In your first year, take courses common to the Criminal Justice, English, Environment and Urban Sustainability, Geographic Analysis, Philosophy, Politics and Governance, Psychology and Sociology programs, along with history courses.
- Your second and third years will feature our signature Historian's Craft courses, along with others in history and additional subjects that appeal to you.
- In your final year, you will continue taking history and other subjects, plus capstone seminars (and possibly a thesis course) to complete your undergraduate education.
- You also can study history through the Arts and Contemporary Studies program—see page 14 for details.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in the creative industries, business, the public service, non-governmental organizations and the heritage sector.
- Enter a professional faculty to train for a career in teaching, law, museums, information management or another field.
- Complete a master's degree in history, a related field or in a multi-disciplinary program, perhaps with a goal to progress to doctoral studies.



Sample Courses

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 organizations such as the United Nations, the World Trade Organization, consulates, major banks, insurance companies, and government agencies and ministries.

Practical Learning: Build in-depth knowledge, skills and practical experience through a team research project that focuses on an internationally oriented economic issue of your choice.

Classes

- Your curriculum was designed with input from renowned Canadian economists and business leaders, and combines the analytical rigour of an economics program with specific training in finance and international issues.
- Become proficient in mathematics, research methods and statistics as you use sophisticated forecasting tools to formulate business strategies and make government policy decisions.
- Learn how to analyze concepts in economic theory, such as market conditions, national income levels, employment rates, inflation and monetary policies, concepts of risk and uncertainty, the organization and regulation of industries, and foreign lending and investing.
- Develop a deep understanding of financial markets, the value of money, investment decisions, and the valuation and management of stocks, treasury bills and bonds.
- Expand your learning through instruction in foreign economic systems and regional/global financial institutions. Learn how to evaluate the opportunities and risks of cross-border investment, and gain an understanding of firm management, price setting and securities in the context of global markets and competition.
- Choose from a variety of electives to gain additional expertise in subjects that will complement your core courses.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in global business or finance, or for the government in departments such as Export Development Canada.
- Pursue opportunities in international market research, global mutual funds, policy evaluation, bond trading, currency trading, international trade and finance, international equity markets, and international policy analysis.
- Engage in advanced studies through graduate school (master of arts, master of business administration) or law school.



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 Criminal Justice, 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 program seminar courses that will feature presentations and discussions. 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 by completing Ryerson's master of arts in philosophy, a two-year program that focuses on the core areas of philosophy. The program offers a thesis stream and a major research paper stream.

 Hear From a Student

 Sample Courses

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 governance theories and cultivate leadership skills by serving as a peer leader to first-year students.

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 strengthen your skill set and broaden your understanding of politics and governance concepts and practices.

Classes

- In your first year, take courses common to the Criminal Justice, 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 Criminal Justice, 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 English, history, philosophy, business and science.
- 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 Resource Management, Information Technology Management or Psychology to gain a competitive advantage in the public sector.

Classes

This part-time program area features a variety of learning options: evening classes, online by distance education, and a week-long intensive mode.

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 above-mentioned 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 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 in an intensive (usually week-long) format at the Ontario Fire College in Gravenhurst 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 tell us how this happens, and what it means for different groups of people. Students in this engaging field study how societies work, by critically examining power and inequalities, institutions, cultures, beliefs, 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 required courses, we provide students with hands-on, community-based learning experiences. Through the Faculty of Arts Student Experience Centre, students may also participate in co-curricular activities.

Ideal Setting: Ryerson's location in vibrant, culturally-rich downtown Toronto provides students with opportunities to directly relate academic study to real-world issues and problems. The city itself is a social laboratory.

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

Thesis Project: Apply sociological theories and research methods in an optional independent thesis project. Undertake an in-depth examination of a specific topic of interest.

Global Learning: Participate in an international exchange program to strengthen your skill set and broaden your cultural awareness and understanding of sociological concepts and practices.

Student Group: Enhance your interpersonal and professional skills, develop a peer network, be up on current trends in the field, and develop a profile by getting involved in Ryerson's Sociology Student Union.

Classes

- In your first year, take courses common to the Criminal Justice, English, Environment and Urban Sustainability, Geographic Analysis, History, Philosophy, Politics and Governance, and Psychology programs. Your sociology courses will focus on the impact of the popular media, global corporations, the economy, families, and cultural beliefs.
- Your second-year studies will deal with diversity—the meaning of social class, sex/gender, racial/ethnic background, (dis)ability and sexuality in society and people's lives. 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 employment, 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 occupations and organizations that prioritize people, communities, cultures or 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 pursue a professional program in education, business or law.

Sample Courses

"Studying social injustice at Ryerson has sparked my passion to fight for equality. With the small classes, I know my voice is always heard. Ryerson's variety of courses and inspiring professors have given me the knowledge, skills and opportunities for future studies and my career."

Asmita Persaud
Sociology '13





Sample Courses

undeclared arts

Undeclared Arts—Is It For You?

Undeclared Arts is a one-year entry option that allows you time to explore nine program areas in the social sciences and humanities before applying to the program of your choice.

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 program transfer options by choosing foundation courses in Criminal Justice, 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.
- Explore other social science and humanities areas, and choose electives from more than 15 subject areas, including business and the natural sciences—any 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:

CRIMINAL JUSTICE, page 15
www.ryerson.ca/criminaljustice

PHILOSOPHY, page 21
www.ryerson.ca/philosophy

ENGLISH, page 16
www.ryerson.ca/english

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

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

PSYCHOLOGY, page 23
www.ryerson.ca/psychology

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

SOCIOLOGY, page 25
www.ryerson.ca/sociology

HISTORY, page 19
www.ryerson.ca/history



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 experience, and achieve their academic, personal and career goals.

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



"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



FACULTY OF COMMUNICATION + DESIGN

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- 43 Media Production
- 44 New Media
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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 brand new 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, 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 Imagination*, 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.

Sample Courses

"At Ryerson, there weren't any limits on what I could do. I was able to shape my studies around the fashion industry in the developing world, and I even had the chance to go to Ghana. Ryerson really cultivated my creativity and gave me the chance to pursue my passion."

Alex Fox
Fashion Communication '13
Communications Coordinator,
Engineers Without Borders





Sample Courses

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—it peppers the pages of magazines, brings brochures to life and makes cereal boxes look snappy. 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 at a neighbourhood printing firm or 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.

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, 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.



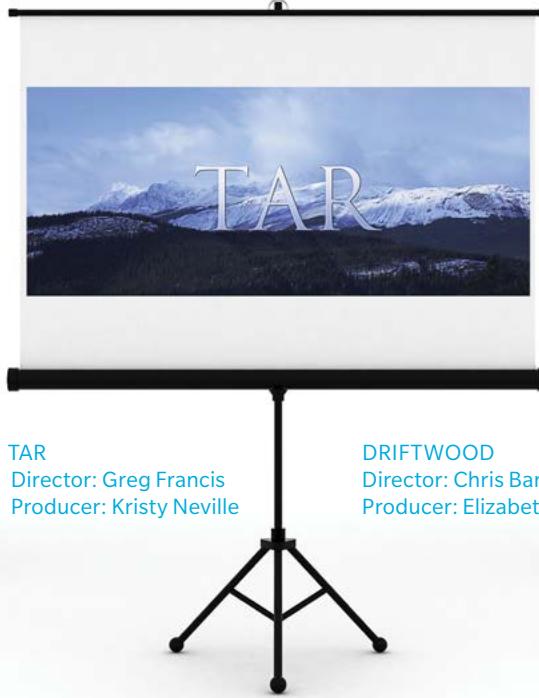
Sample Courses

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.



GROWING UP COOTER
Director: Joseph Amenta
Producers: Adrian Gonzalez, Alexandre Brandt



TAR
Director: Greg Francis
Producer: Kristy Neville



DRIFTWOOD
Director: Chris Banard
Producer: Elizabeth Mudenyo

Film Studies—Is It For You?

Lights! Camera! Action! If you choose the world-class Ryerson film program you will learn technical 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 to produce professional-level work. You will gain experience in all aspects and areas of filmmaking: cinematography, sound, editing, writing, producing and directing. At the same time, you will learn film history and the theories that will help you watch films with more insight.

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.

Practical Project: In your final year, put what you have learned about film theories, technologies and practices into action by directing or producing your own film or video, or focusing intensively on one of film's specialized creative positions.

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

Leading-edge Facilities: The film production facilities are fully equipped for creating and editing film and sound, while the high-tech Universal Studios Canada Instructional Demonstration Facility provides an optimal setting to screen work and make changes in real time.

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

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

After Graduation

- Work as an independent filmmaker, or as a freelancer in directing, producing, screenwriting, editing, cinematography, sound design or recording. Films made by Image Arts graduates have played at major festivals around the world.
- 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



2

1 Irish Landscape, 2012, JEFF CARLSON

2 untitled, from the series Sonder, YASMINE BUDHIRAHAJU

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 Images Arts itself houses the new 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.
- 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 or digital media.

 Hear From a Student

 Sample Courses

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 the Princess of Wales Theatre, 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 large firms, you can start your own consulting business.
- Explore opportunities in related areas such as marketing, promotion, facility management, development, exhibition design, set design and television.



Sample Courses

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 increasingly 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 publication 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 websites.
- 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.

"Following a career with CBC and Al-Jazeera, I'm honoured to share my knowledge and passion at Ryerson. Some of the most talented journalists come from this institution. The quality of its program is second to none."

Tony Burman
Distinguished Visiting Professor, Journalism
Velma Rogers Graham Research Chair in
News Media and Technology



 Hear From a Student

 Sample Courses

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.

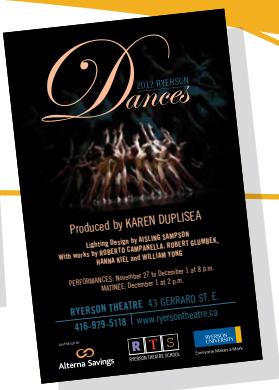
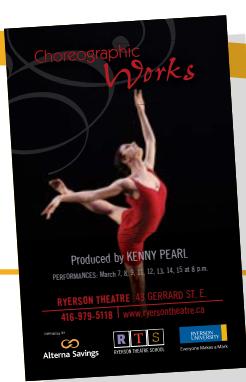
- Develop the fundamentals of theatre including acting, movement and voice, and learn acting approaches such as modern scene-study, mask, classical styles, clown and improvisation. Take courses in movement, stage combat, dance and music instruction, and playwriting.
- Become familiar with the technical 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?

Thoughts, feelings, ideas and desires—they can all be expressed through dance, the art form of bodies in beautiful motion. Building on their intensive training in the most comprehensive undergraduate program of its kind in Canada, Ryerson graduates engage and inspire audiences with their superior abilities, having been guided by faculty with extensive professional experience. Talented, creative, passionate and professional dancers play a vital role in Canada's arts scene.

Experience

A program that has earned widespread respect throughout the national dance community, Performance Dance offers:

Professional Learning: Perform original works choreographed by well-known guest artists and faculty members in an annual season of theatre and dance productions that you can help organize 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.

Practical Workshops: Develop and showcase your own dance compositions through an annual choreographic workshop.

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

Classes

- Through rigorous daily professional training in ballet, modern 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 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, and set and costume design, and how arts organizations operate.
- 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, 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.

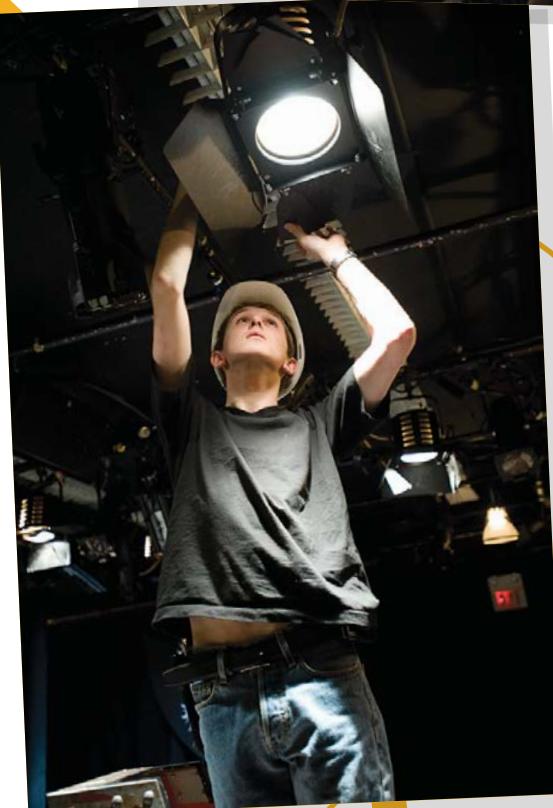


Sample Courses

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 in 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 experiential learning opportunities such as working with local organizations to complement academic knowledge and enhance career readiness.

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 to create and execute communication plans for organizations.

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. Formerly the School of Radio and Television Arts, the RTA School of Media offers three programs in the areas of media production, art and technology:

BA in Media Production

BA in Sport Media

BFA in New 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.



 Hear From a Student

 Sample Courses

media production

(formerly Radio and Television)



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.

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.

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.

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

 Hear From a Student

 Sample Courses

new media



New Media—Is It For You?

This fine arts program provides students with the opportunity to set their imaginations free through the exciting world of media. As a contemporary art practice, a mode of communication and a gateway to future innovation, new media profoundly affects the way we work, play, study and interact. Students in the RTA School of Media's New Media program learn to navigate a rapidly changing media ecosystem by creatively using and integrating media, art and technology. The program offers a solid grounding in art and critical media theory while providing the space and freedom to become leading media artists. Students will develop the skills necessary to become proficient and critical creators of digital art; including tangible interfaces, robotic and object-driven experiences, mobile media, interactive storytelling and virtual worlds.

Experience

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

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

Leading-edge Facilities: The Rogers Communications Centre features state-of-the-art multimedia production studios and computer labs equipped with motion-control units and sensors, dedicated database servers, wireless network access points, data/video projectors and web cameras.

Practical Project: Use advanced production techniques to complete a senior-year project that explores innovative interdisciplinary production and experimental uses of new media.

Classes

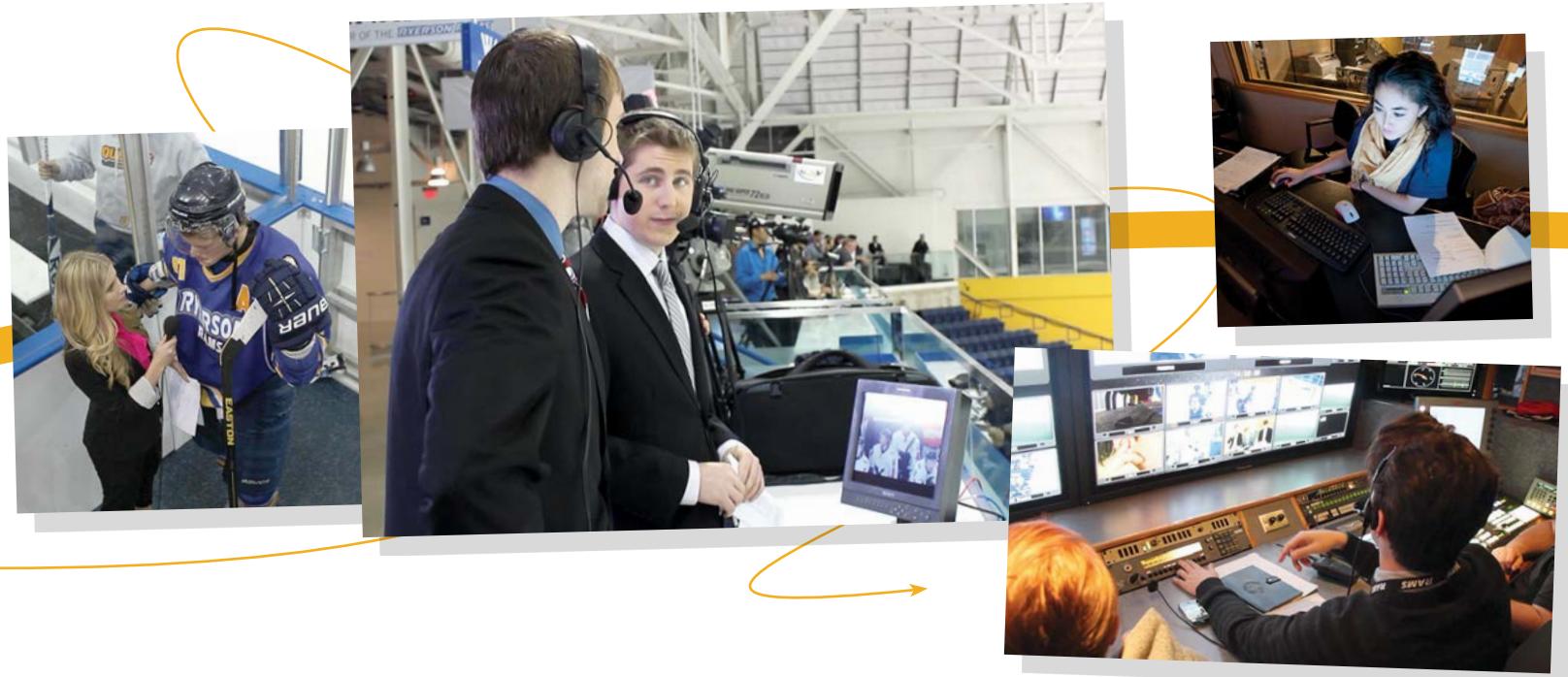
- In your first year, you will take courses that provide you with a broad overview of new media principles and practices, including Intro to Media for Experience Design and New Media Research Methodologies.
- Your second and third years will feature more advanced courses in new media theory and skills, including those that focus on computational arts, experience design, artistic applications for interactive spaces and physical computing.
- In your final year, you will work on a high-level 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 almost any sector, at organizations that value flexible, adaptable and innovative media professionals, artists and thinkers.
- Use your advanced new media expertise and creative problem-solving abilities to manage multi-platform projects in a variety of roles.
- Build on your knowledge of new media critical theory through a graduate program, such as 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.

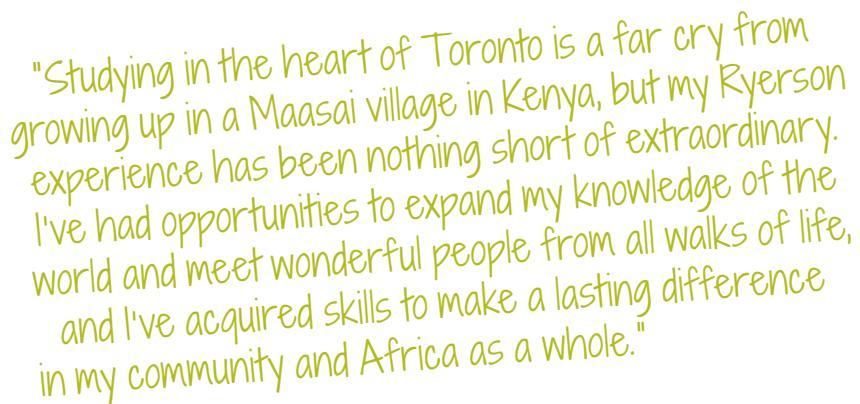
Classes

- 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

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 Hear From a Student

 Sample Courses

child and youth care



Child and Youth Care—Is It For You?

As a Ryerson-trained practitioner 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.

Experience

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

Multiple Internships: If you enter at 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. Experienced practitioners (with a Child and Youth Worker 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.

News and Views: Stay up-to-date on happenings in the program and the field by checking out the CYC blog at cyc.blog.ryerson.ca.

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.
- Complete graduate studies in the field to enhance career prospects.



Hear From a Student

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 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 at the Royal Ontario Museum (ROM). 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.





Sample Courses

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 educators. These individuals support children's learning and growth in the early years, and for life. Ryerson graduates in this rewarding field 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 special needs, 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 the forces that shape children's development
 - Curriculum planning: facilitating children's development through play and learning environments
 - Children at risk or with disabilities: focusing on early intervention and inclusive practice
 - Research: investigating topics related to young children, families and the profession
 - Families: supporting children and families from diverse backgrounds
- 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 knowledge through Ryerson's master of arts degree in Early Childhood Studies, a unique graduate program that integrates inclusion and diversity issues into early childhood studies.
- Complete a master's degree program in human development, special education, curriculum theory, speech therapy, family intervention or social work.

"Ryerson students have opportunities to explore different practices and new ways of thinking. Plus, Ryerson's innovative environment prepares students for jobs that may not have existed at the time that they enrolled."

Jason Nolan, BA, BEd, MA, PhD
Assistant Professor, Early Childhood Studies
Director, Experiential Design and Gaming
Environments (EDGE) Lab



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 119

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



Hear From a Student



Sample Courses

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.

 Hear From a Student

 Sample Courses

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.

Program Format

Since 2005, a baccalaureate nursing degree has been required to become a registered nurse. Ryerson University, Centennial College and George Brown College have responded by partnering to develop the Collaborative Nursing Degree program:

- Students can enter the program through either Ryerson University, Centennial College or George Brown College.
- Students enrolled at Ryerson spend all four years at the university's campus.
- Students at George Brown or Centennial (Scarborough campus) complete all first- and second-year requirements at their respective colleges. In their third and fourth years, they do their coursework at Ryerson, and complete practice requirements under the supervision of college faculty.

After Graduation

- Write the Canadian Registered Nurse Exam, as set by the Canadian Nurses Association, and apply for registration with the College of Nurses of Ontario.
- 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.



"As a Ryerson student, I had the chance to work with a diverse range of clients—from children and the elderly, to street youth and war veterans. Clinical placements not only give you the knowledge you need, but crucial experience for the real world."

Albert Ho, BScN
Collaborative Nursing '09
Registered Nurse
Sunnybrook Health Sciences Centre

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 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 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, you may complete these courses where you work (through work-study).

Diverse Learning Formats: To ensure the program is flexible and in keeping with the needs of the current and future health-care system, 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.

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.

 Hear From a Student

 Sample Courses

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.

Experience

Ryerson's Nutrition and Food program 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. Students in the program can participate in:

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.

occupational health and safety

 Sample Courses

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

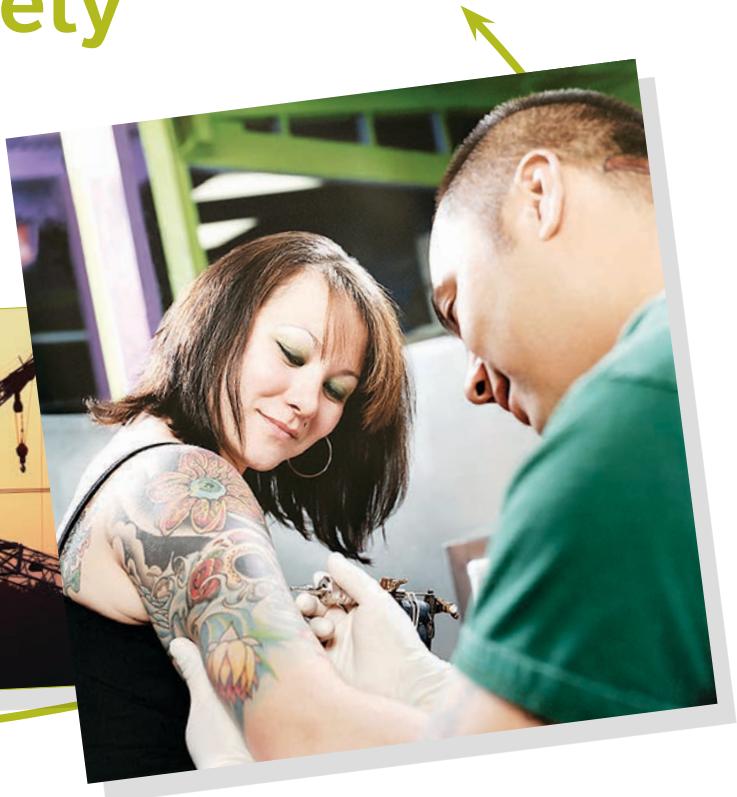
- Work in areas such as manufacturing, education, forestry, transportation, mining, petrochemical, agricultural, law enforcement, construction and trade.
- Work for consulting firms that provide occupational health and safety evaluation, training and monitoring services.
- Pursue roles at public and 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).





Sample Courses

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 graduates promote social justice and equity by helping individuals to access multiple social services in order 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, providing:

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.

Part-Time Studies

- If you are a university graduate with related social services work experience or a social services diploma from a community college, 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—364 in third year and 546 in fourth year. Spring/summer practica are available for part-time students, but these necessitate time away from full-time employment.

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.

 Hear From a Student

 Sample Courses

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

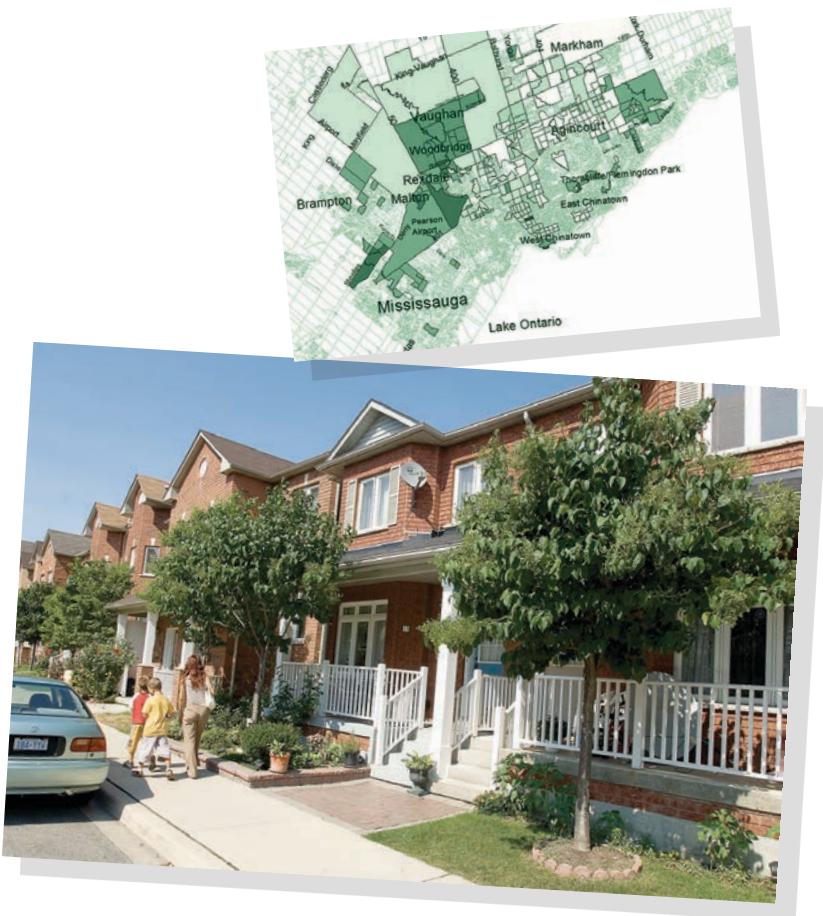
- In your first year, learn about the role of planners, the relationship of government to planning, land analysis and ecology, and social analysis. Become introduced to basic design principles and technology and to land-use planning, including its transportation and housing aspects.
- Your second year 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 program at Mohawk College, and 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 the study and practice of sustainable urban development.





"Ryerson is located in the heart of the industry, giving students the chance to gain experience before they've even graduated. Plus, we teach an application-oriented curriculum, which means students gain both the knowledge and know-how for beyond the classroom."

Bo Tan, PhD, P.Eng.
Professor, Aerospace Engineering



FACULTY OF ENGINEERING AND ARCHITECTURAL SCIENCE

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Sample Courses

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).

 Hear From a Student

 Sample Courses

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. As the physical, chemical, mathematical and computational sciences blend with biology, medicine, behaviour and health, the results are new medications, materials, devices and processes that prevent, diagnose and treat diseases and injuries.

Experience

The first stand-alone, Canadian Engineering Accreditation Board accredited undergraduate Biomedical Engineering degree program in English Canada, this program offers students:

Work Placements: The optional Industrial Internship Program enables you to complete 12 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.

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.

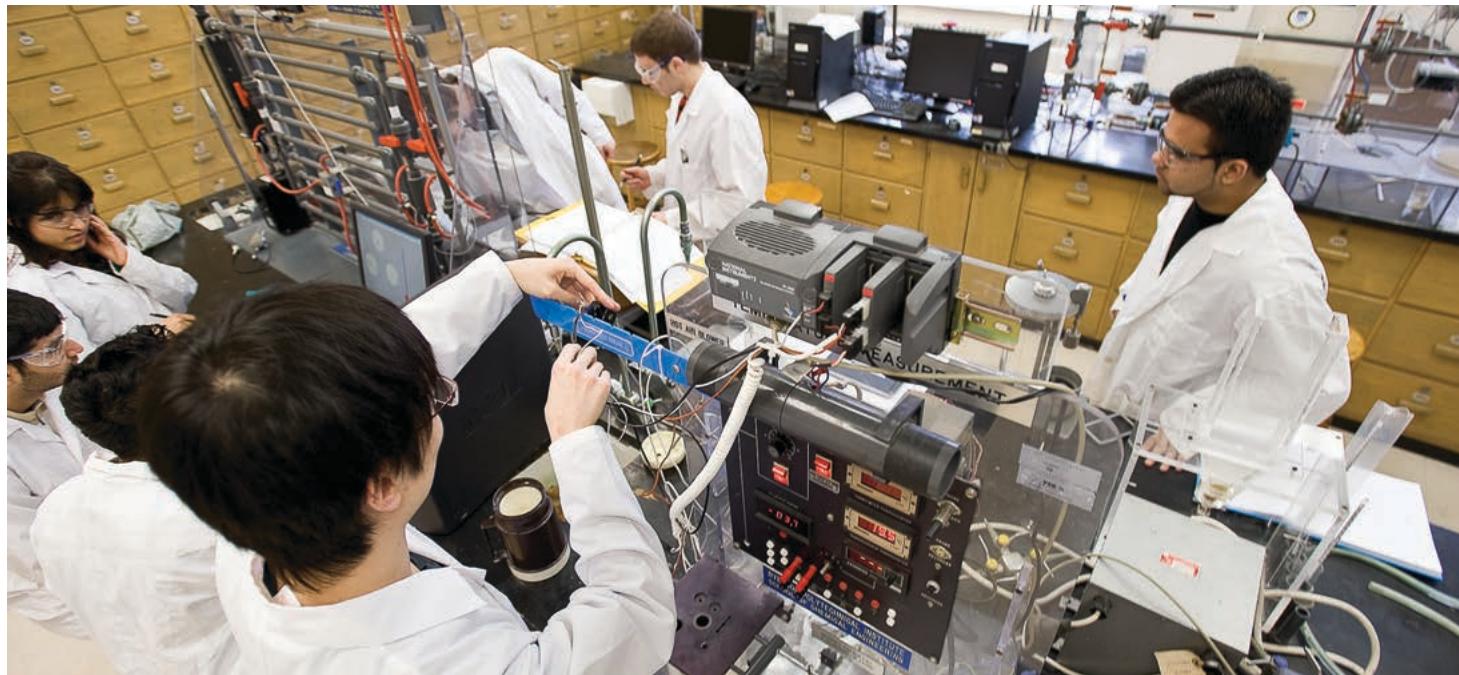
After Graduation

- 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.

 Hear From a Student

 Sample Courses

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 practising the concepts and procedures of chemical engineering in a laboratory.

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 unit operations laboratory work.
- 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 (MSc, MEng and PhD), which involve advanced studies and independent research in wastewater/water and food treatment technologies, and polymer and process engineering.

 Hear From a Student

 Sample Courses

civil engineering



Civil Engineering—Is It For You?

The homes we live in, the roads and bridges we travel on, the buildings we work and play in – they are the structures and systems that sustain our world, thanks to the expertise and ingenuity of civil engineers. 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. Knowledgeable, skilled and inventive, these professionals devise innovative solutions for building, managing, operating and maintaining a variety of facilities.

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: The Department of Civil Engineering is housed in the George Vari Engineering and Computing Centre, a state-of-the-art facility featuring well-equipped hardware and computer labs.

Practical Learning: The program provides great opportunities for students to gain practical learning through course lab work, the multidisciplinary students' technical competitions and capstone project courses. Through the capstone courses, students work on a project 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, strength of materials, hydrology, soil properties, fluid mechanics, engineering economics, geology, and introduction to geomatics.
- Courses in your last two years will focus on structural analysis, concrete and steel design, concrete and highway materials, environmental science, water resources and solid wastewater treatment design, transportation engineering and highway design, project management, engineering law, and a variety of professional elective courses.
- 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).
- Round out your studies by taking technical elective courses in a specific area of civil engineering – environmental, geomatics, structural/materials or transportation engineering.

After Graduation

- Work on environmental, transportation, geotechnical, structural, geomatics and project management issues.
- Pursue opportunities at engineering consulting firms, construction companies, government agencies, inspection and testing companies, municipalities, provincial and federal governments, utility corporations, and construction material suppliers.
- Complete Ryerson graduate degrees in Civil Engineering (MASc, MEng and PhD), which involve advanced studies and independent research in environmental, structural and geomatics engineering.

 Hear From a Student

 Sample Courses

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 12 to 16 months of full-time, paid engineering work.

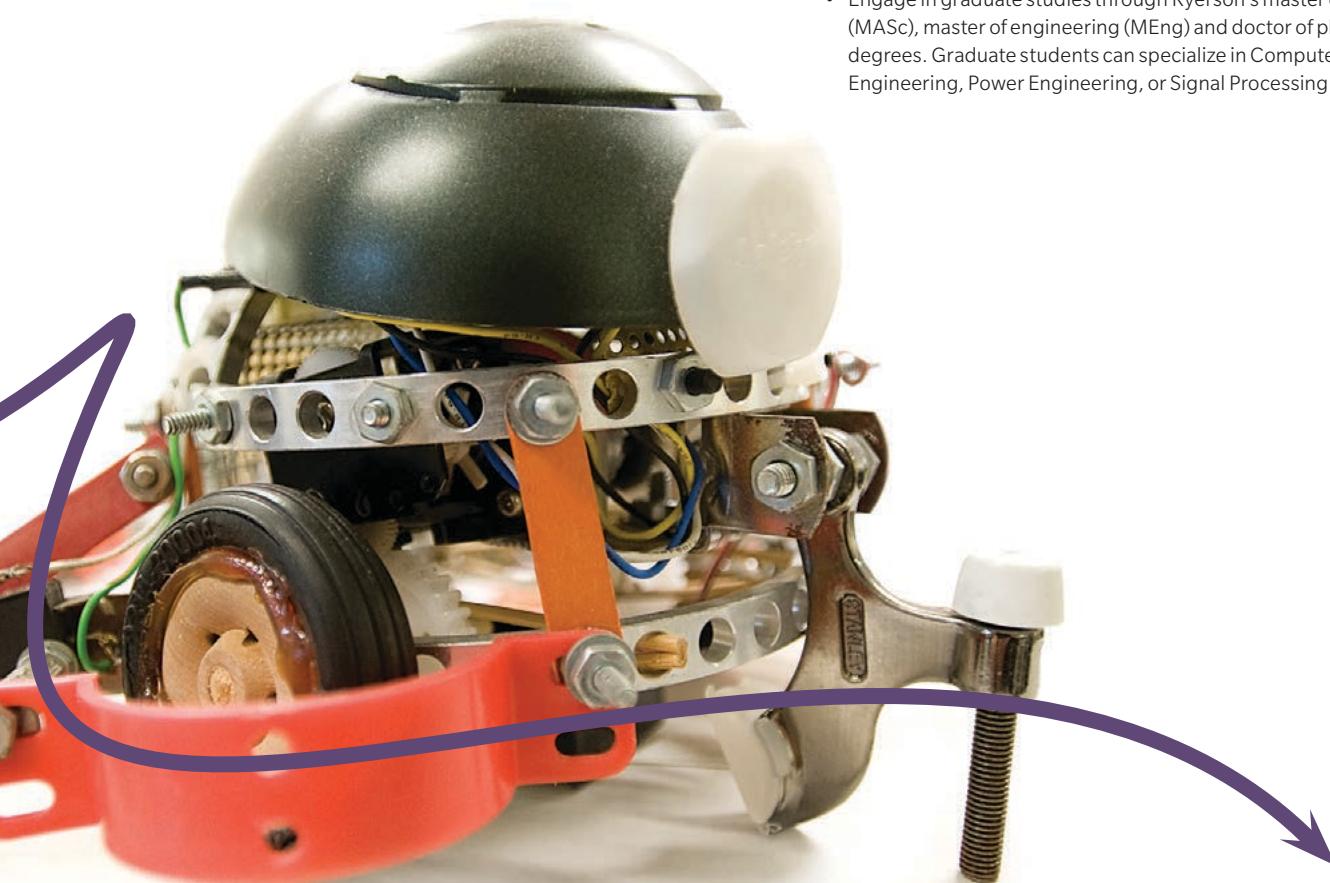
Learn by Doing: Build in-depth knowledge, skills and practical experience in a team project that involves researching, designing and developing a working prototype of an engineering system that you will demonstrate to the public.

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 systems, computer networks, digital systems engineering, programming languages and structures, and software engineering, as well as an engineering design project. Technical elective courses will include micro-electronics and circuits 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 electronic service industry.
- Design, develop and/or test computer chips, 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.



 Hear From a Student

 Sample Courses

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 12 to 16 months of full-time, paid engineering work.

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 circuits design, robotics and control systems, digital and wireless communication systems, hardware and software systems, biomedical engineering, 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.

 Hear From a Student

 Sample Courses

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.



Sample Courses

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 (MSc, MEng, PhD), which involve advanced studies and independent research in thermodynamics and fluid mechanics, industrial engineering, manufacturing, materials and solid mechanics.

"Ryerson's unique downtown location gives students the chance to network and make key connections. In fact, the job I have today stems from a recruiter I met at Ryerson."

Muhammad Ali Jabbar, BEng
Mechanical Engineering '09
System Engineer, Pickering Nuclear Generating Station, OPG



Sample Courses

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

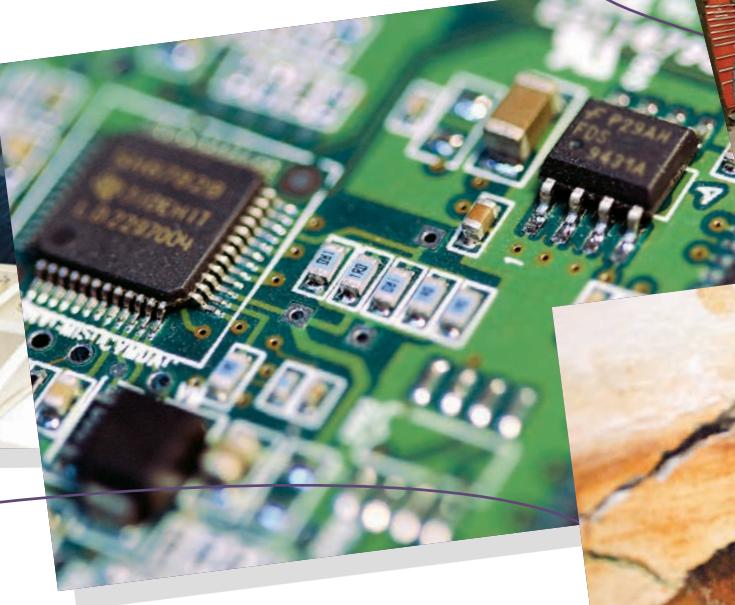
- Engineering Graphical Communication
- Materials Science Fundamentals

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 before graduation will have a special designation added to their degrees.

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.



 Sample Courses

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, and graphic, CAD and building science software applications.

Student Life: Enhance your skills, develop your peer network and stay current on trends in the field by getting involved in student architectural organizations.

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 and physical context.

Building Science

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

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.
- Establish or join 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.





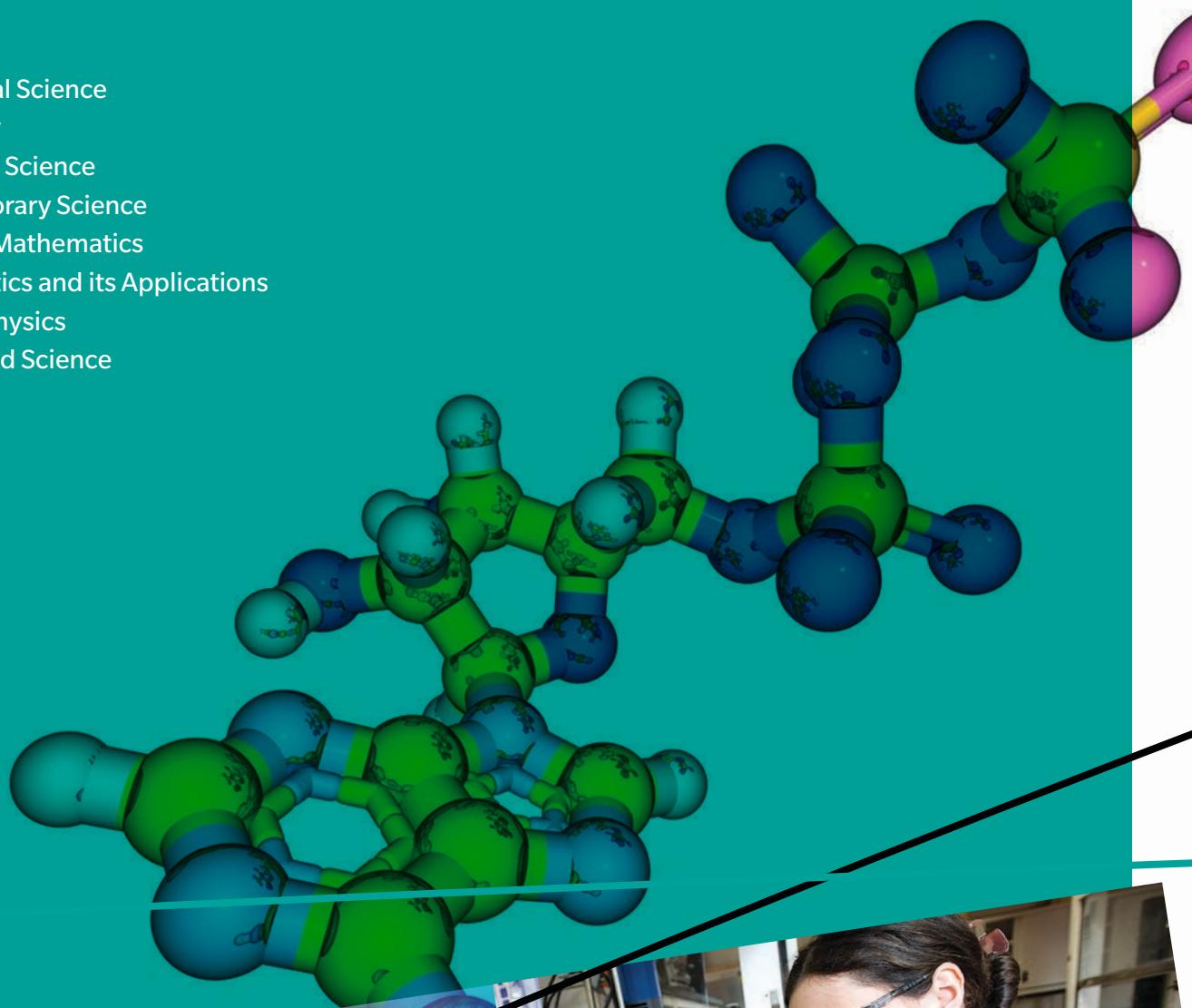
"It's an exciting time for science at Ryerson. We have a new faculty, and undergraduate and graduate programs that all lead to a rapidly evolving research and learning culture. Whether you are a professor or a student, it's a fulfilling and fun time to be in science at Ryerson."

Roberto Botelho, PhD
Assistant Professor,
Department of Chemistry and Biology



FACULTY OF SCIENCE

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DEGREE AWARDED
Bachelor of Science (BSc)

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

ADMISSION REQUIREMENTS
AND TRANSFERABILITY
See page 123

This is one of four Bachelor of
Science programs that share
a one-year foundation.

 Hear From a Student

 Sample Courses

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.

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, Contemporary Science 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 biochemistry, microbiology, 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, biotechnology, environmental science, health sciences, microbiology and molecular sciences.
- 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 and pharmaceutical sectors.
- 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 and 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 and second years, 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.
- Higher-level biomedical sciences courses in year three will deal with subjects such as advanced biochemistry, molecular biology, immunology and experimental design.
- Your fourth year will feature studies in areas such as systems biology, cancer biology, stem cell biology and critical thinking in biomedical sciences.
- Choose from a variety of liberal studies and professionally-related elective courses to complement your core learning.
- 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.



DEGREE AWARDED
Bachelor of Science (BSc)

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

ADMISSION REQUIREMENTS
AND TRANSFERABILITY
See page 123

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Science programs that share
a one-year foundation.



Sample Courses

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. Ryerson graduates in this dynamic field are involved in a range of exciting research areas and applications, from synthesizing new organic and inorganic materials, to pursuing a variety of opportunities in analytical chemistry, biochemistry, computational chemistry, proteomics and molecular biology.

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, Contemporary Science 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.

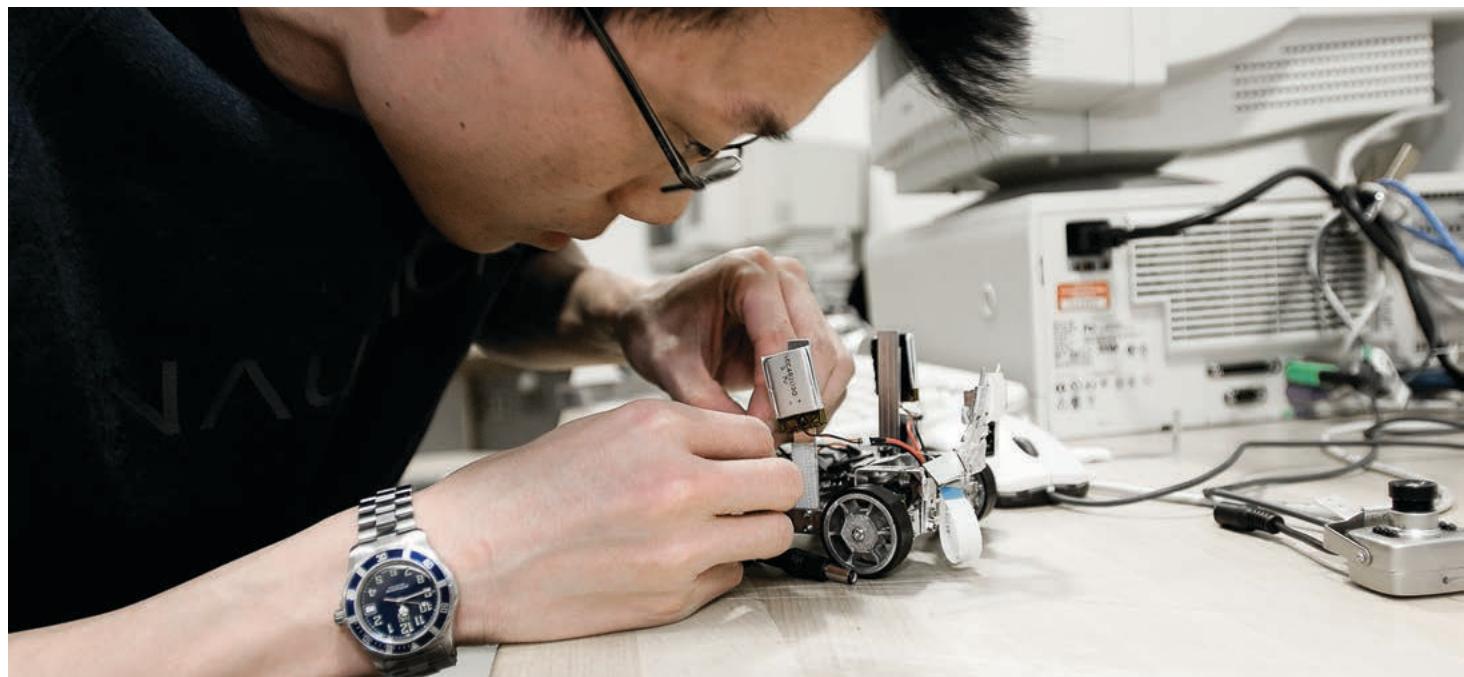
"This program has been an exciting trip! The motivating courses and hands-on labs, dedicated faculty members and wonderful classmates have helped prepare me to be a future chemist. I am looking forward to exploring more of the chemistry world!"

Tamara Al-Faouri
Chemistry '13

 Hear From a Student

 Sample Courses

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 survive and 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 application, and they work productively in a team environment. Ryerson graduates are ready to meet the challenges of this innovative 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).

DEGREE AWARDED
Bachelor of Science (BSc)

PROGRAM FORMATS
Full Time; Four Year;
Five-Year Co-op

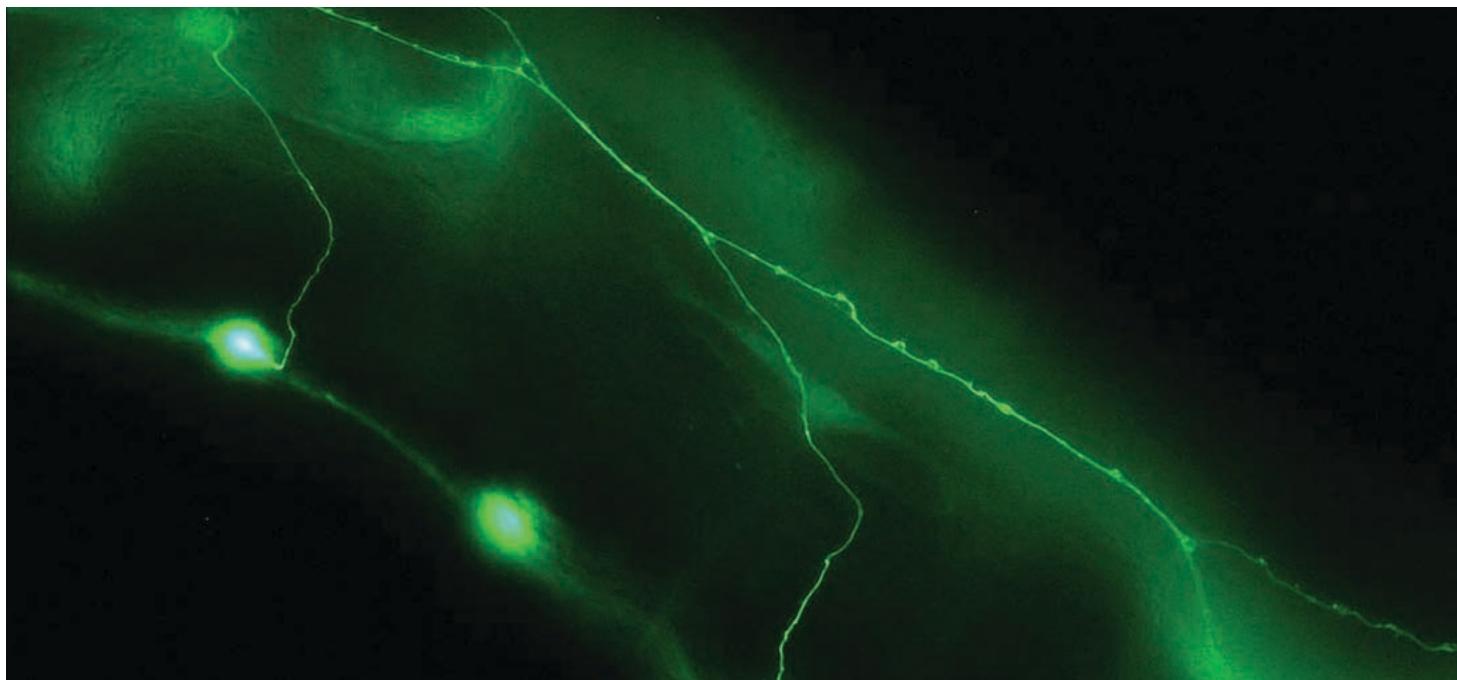
ADMISSION REQUIREMENTS
AND TRANSFERABILITY
See page 123

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Science programs that share
a one-year foundation.

 Hear From a Student

 Sample Courses

contemporary science



Contemporary Science—Is It For You?

Modern science is evolving in exciting new directions and playing an increasingly important role in innovating new technologies, promoting economic growth, strengthening health care and protecting the environment. Ryerson graduates in this forward-thinking field know how to apply the knowledge, methods and skills of the basic sciences to current, real-world initiatives and challenges. With broad-based science knowledge and an ability to work in a multidisciplinary context, practitioners access many different career opportunities in today's technology-oriented society.

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: Contemporary Science emphasizes application as well as theory, so you'll gain a solid foundation in the classical aspects of science while learning how to apply your expertise to current scientific challenges.

Classes

- You will participate in common, first-year courses with students in Biology, Chemistry and Medical Physics.

- Beginning in second year, you will explore the interrelated nature of modern science first-hand through a multidisciplinary curriculum offering seven different learning streams. You will choose a total of three of these streams, including a minimum of one of the following streams: Computational Sciences, Informatics and Physics; and a maximum of two of the following streams: Biology, Chemistry, Environmental Sciences and Psychology.
- Your third and fourth years will build upon a solid foundation in the classical aspects of science, and demonstrate how to apply your expertise in a multidisciplinary way to address contemporary issues and problems.
- You will complement your science education with a range of liberal studies courses to broaden your awareness of the world, and the social and cultural context in which innovation and technology emerge.
- An optional designation in Management Science will help you prepare for a career in applied science management.
- A variety of minors are available—see page 94 for more information.

After Graduation

- Work in policy development or consulting for government; business development, marketing or sales for industry; or in the media or education.
- Use your BSc as a starting point for further, professional studies in fields such as law, business and health.

financial mathematics

Financial Mathematics—Is It For You?

In the complex and competitive world of finance, it takes advanced expertise in mathematics to analyze markets, manage investments and evaluate risks. Professionals in the rapidly growing field of financial mathematics drive our economy forward with their understanding of how to leverage the flow of capital to create wealth. 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.

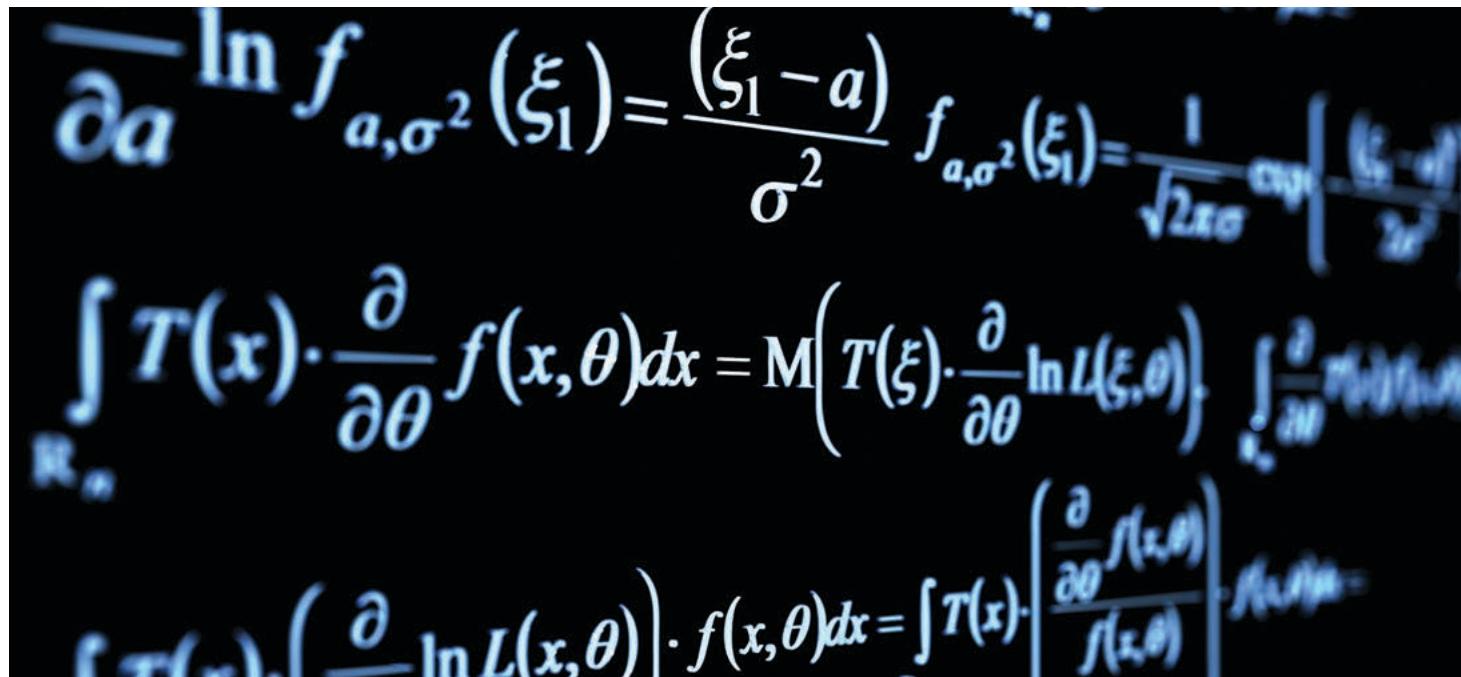
After Graduation

- 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.



 Hear From a Student Sample Courses

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. A powerful problem-solving tool and a highly creative field of study, mathematics combines precision, intuition, imagination and logic to identify patterns that explain our world. Ryerson graduates use their mathematics expertise to develop innovative solutions for a variety of real-world problems.

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.

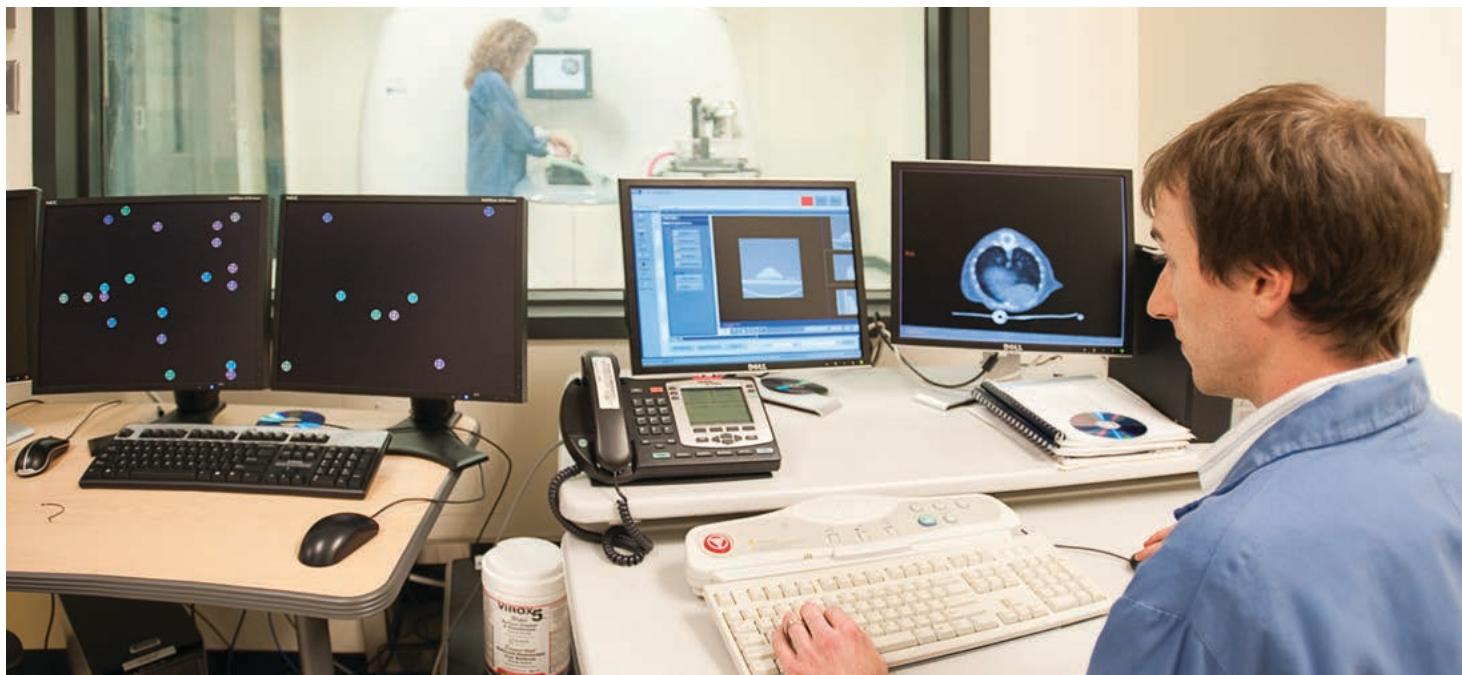


Hear From a Student



Sample Courses

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. Ryerson graduates in this cutting-edge field use their specialized knowledge, technological skills and multidisciplinary training to make a meaningful difference in the medical and health fields.

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, Chemistry and Contemporary Science.
- 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.



Sample Courses

undeclared science

Science—Is It For You?

Undeclared Science is a one-year entry option that allows you time to explore four 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, Contemporary Science 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 four 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.

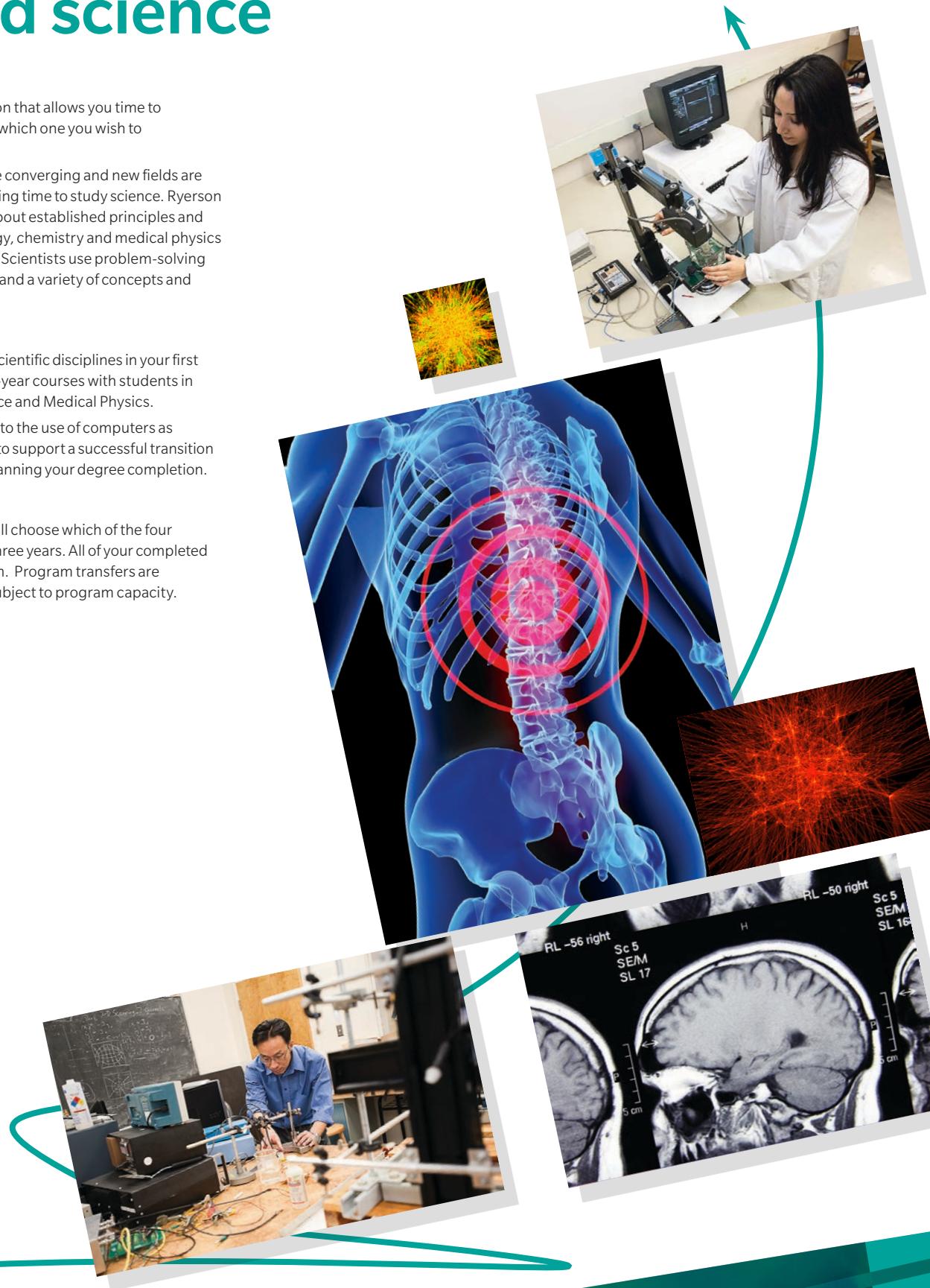
For more information:

Biology, page 74

Chemistry, page 76

Contemporary Science, page 78

Medical Physics, page 81





"At Ryerson I've had the opportunity to work for great companies like Scotiabank, Manulife and Sick Kids, and I've built a broad network through friends in class and colleagues at work. Ryerson equipped me with the skills and knowledge I need to succeed, and I'm excited for the work opportunities available for graduates."

Samantha Mashoro
3rd year Business Technology Management



TED ROGERS SCHOOL OF MANAGEMENT

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accounting and finance



Accounting and 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 and Finance. One of the most sought-after areas of study in business, a degree in Accounting and 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 and 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.

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 and 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 equips students with the necessary credits toward earning the following designations: Certified Management Accountant (CMA), Certified General Accountant (CGA) or Chartered Accountant (CA).
- 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 CMA, CGA or CA.

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 has been 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, foundation 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).



Sample Courses

business management

Business Management—Is It For You?

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

Accreditation

The Business Management program has been 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 the development of real business plans in your final year.

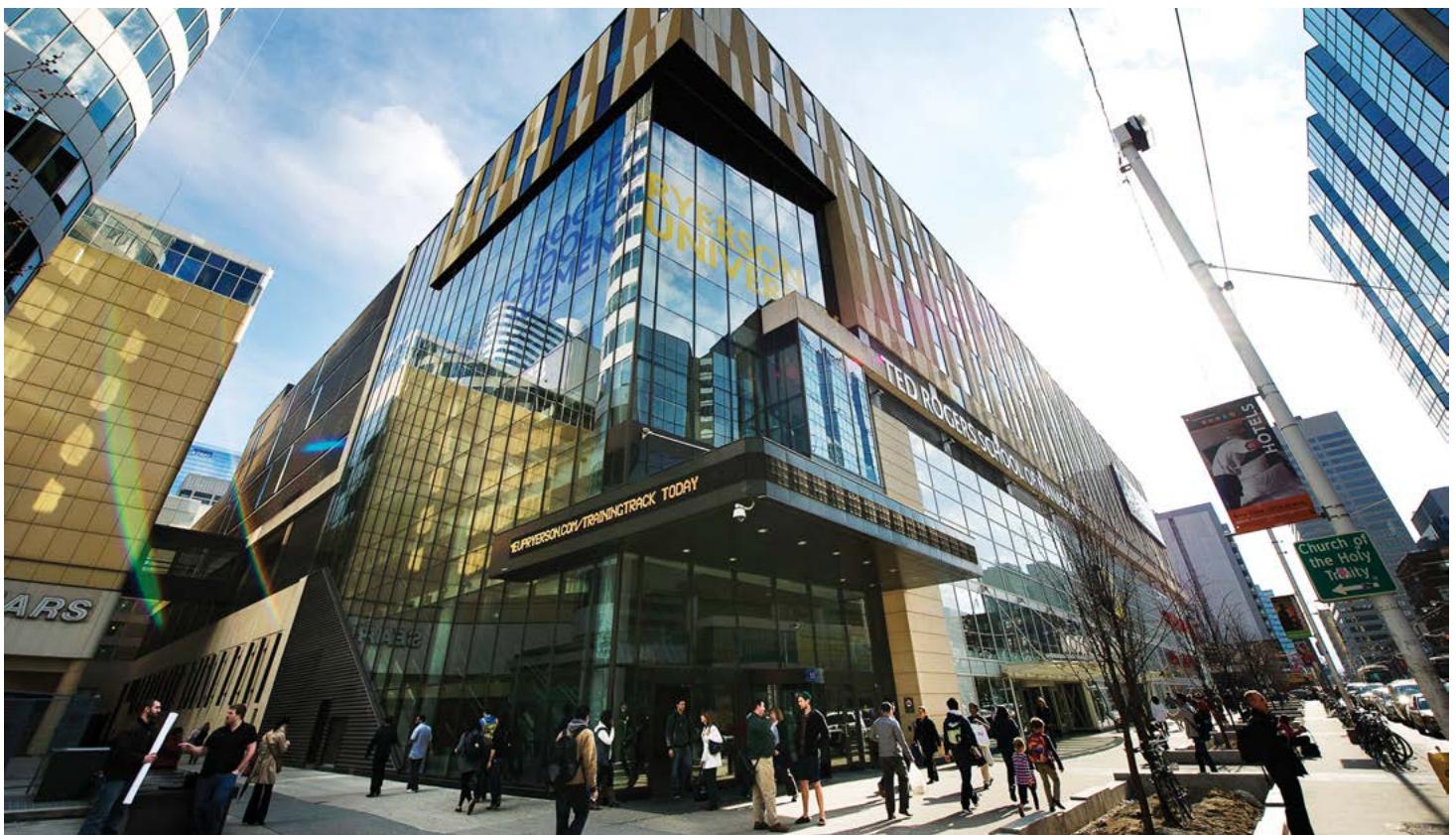
Industry Access: Guest speakers, special events, student groups and volunteer opportunities connect you with industry executives and keep you current on business trends and issues.

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

"Ryerson University taught me how to maintain a balance between business, community and family. This is an essential component contributing to my endeavors in the wine industry."

Sarah Liberatore, BComm
Business Management '09
Creator of STLTO Wines





Classes

- Get a solid foundation in basic business functions and various business disciplines in first year.
- 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:** 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 are a Direct Entry student, you will choose a 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.

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 information management 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 Information Management is a part-time, degree-completion program featuring 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.



Hear From a Student

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.

Experience

The first program of its kind in Canada to be certified by the Association of University Programs in Health Administration, this program offers students:

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 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 in Canada, offering 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.

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 years 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.





Sample Courses

retail management

Retail Management—Is It For You?

Retail is a diverse and dynamic industry full of interesting and lucrative employment paths, and Ryerson graduates 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.

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.

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 shopping centres, Rogers Communications, Target Canada, STAPLES, and T.J.X./Winners Merchants.

Practical Learning: Attend interactive speaker sessions with industry leaders, engage in projects and competitions with retail executives, and use industry-standard software to develop a real-world understanding of retail.

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

Retail Week: Participate in a week-long series of events where industry executives host lectures, networking sessions and case competitions.

International Study: Take a semester to study abroad through our optional international exchange program and experience retail practices and trends in another country. You can also take advantage of experiential learning trips including two-week study tours to China or a weekend touring head offices in New York City and Montreal.

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.

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 on-going 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.

"As a graduate of Ryerson's program, I have the knowledge, skills and experience needed to pursue a challenging and rewarding career in retail management. The range of courses offered, combined with the chance to study in Toronto and the highly valuable internship gives students the necessary tools to become global retail leaders."

Matthew Marchant, BComm

Retail Management '12

Sales Manager, Women's Wear Bloor Street
at Hudson's Bay Company



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.
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.
Criminal Justice	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.
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.
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.
Non-profit and Voluntary Sector Management	Develop an in-depth, interdisciplinary perspective (business, public administration and social work) on issues critical to the non-profit 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).

In May 2012, Alternative Spring Break participants traveled to Ghana and built a group home for youth with special needs.

Photo credit: Tyler Webb, Ryerson Photography Studies Student



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's Yeates School of Graduate Studies offers programs at both the master's and doctoral levels. All are designed to include a high degree of interaction between faculty members and students, and to have a strong component of scholarship, research, creativity, innovation and critical analysis.

Graduate offerings at Ryerson have grown rapidly over the past few years.

Programs include:

- Aerospace Engineering, PhD, MSc, MEng
- Applied Mathematics, MSc
- Architecture, MArch
- Biomedical Physics, PhD, MSc
- Building Science, MSc, 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:

- More than 90 certificate programs
- More than 1,500 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.

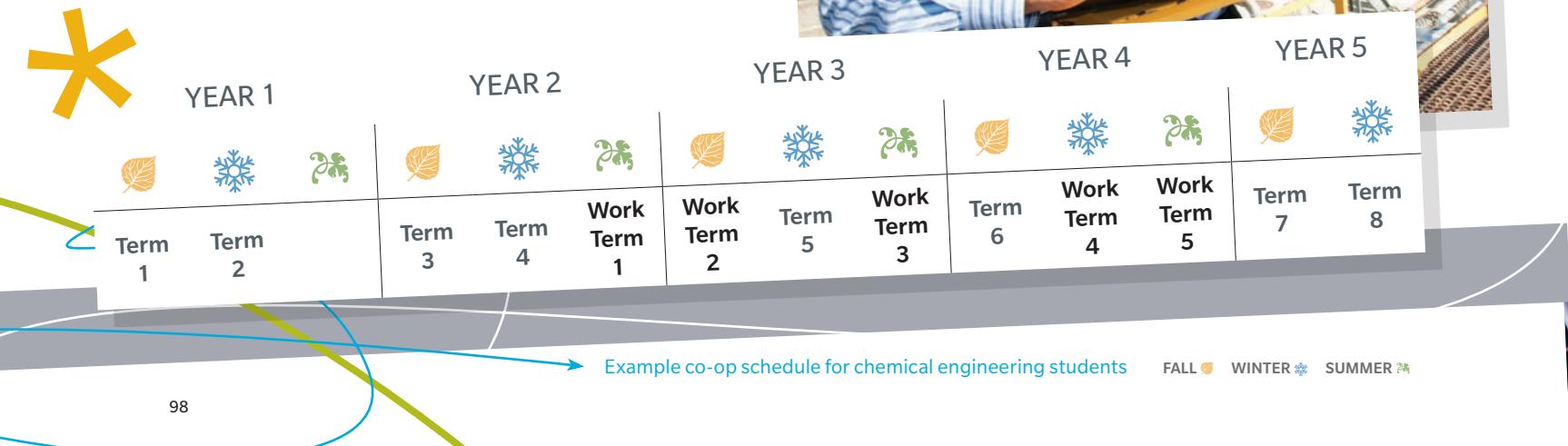
The alternating work and academic terms begin following the second year of studies. The inclusion of work terms lengthens your program of study from four to five years. The various work and academic term sequences for each program are outlined online: www.ryerson.ca/co-op/students/coopPrograms.

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:

AGAT Laboratories
Agropur (Natrel)
Apotex
CIBC
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, 2014.



President Sheldon Levy with Ambreen Khan, Business Management, a recipient of the 2012 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 2014 entrance scholarships

Ryerson is pleased to recognize the academic achievements of the first-year class upon admission to the university with more than \$2 million designated for 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, 2014 (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, 2014. 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.

Ryerson's 90%+ Guarantee

Students attending a Canadian secondary school with final averages of 90% and higher who meet the terms and conditions for scholarship are guaranteed an entrance scholarship. Whether the scholarship is renewable or awarded on a one-time only basis varies by program.

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
95%+	\$16,000	\$4,000	\$4,000
90-94.9%	\$10,000	\$2,500	\$2,500
85-89.9%	\$4,000	\$1,000	\$1,000
80-84.9%	\$2,000	\$500	\$500

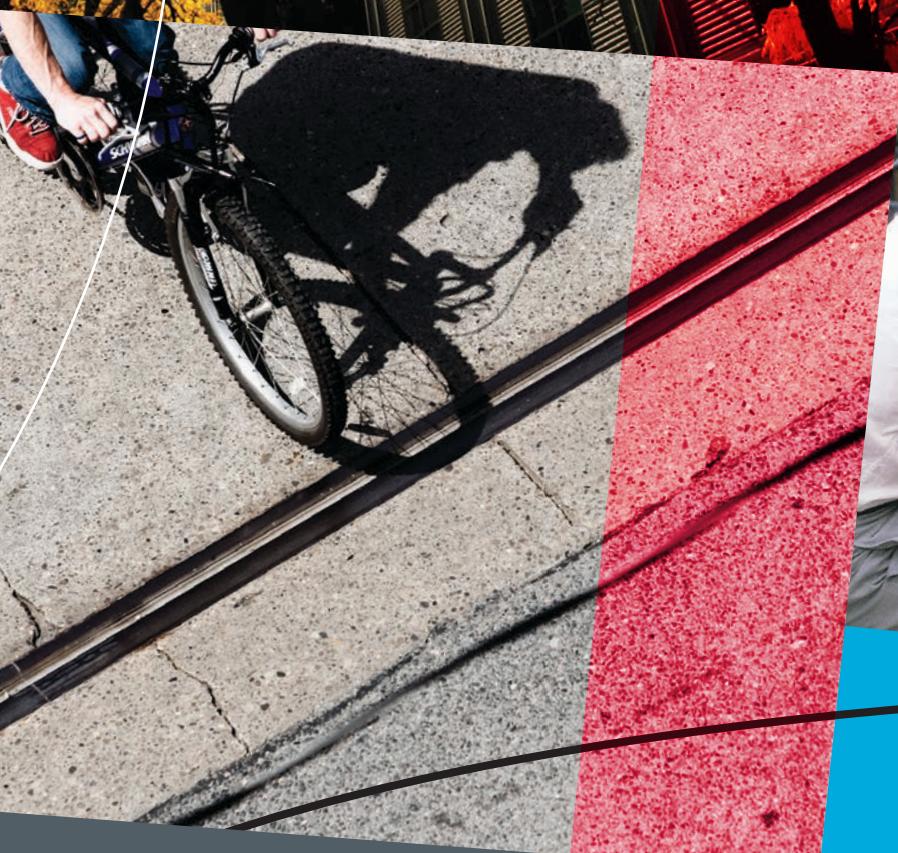
Competitive Scholarships

A scholarship application is not required.

Students attending a Canadian secondary school with final averages of 80% and higher who meet the terms and conditions for scholarship will be considered for a competitive scholarship for programs under this category at www.ryerson.ca/undergraduate/admission/scholarships. Each program has a limited number of scholarships available to students with averages in the 80-89.9% range and will award them to the students with the highest final averages, on a competitive basis. Competitive entrance scholarships are not renewable and the minimum qualifying scholarship average of 80% does not guarantee an award as the competitive average required for a scholarship may be higher. All applicants to the programs listed under this category at www.ryerson.ca/undergraduate/admission/scholarships with 90%+ are guaranteed a scholarship under Ryerson's 90%+ Guarantee.

Competitive Scholarship Values

Final Admission Average	Entrance Scholarship
95%+	\$4,000
90-94.9%	\$2,500
85-89.9%	\$1,000
80-84.9%	\$500



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 \$6,576 to \$9,718 (\$20,270 to \$23,637 for international students) for the 2013-2014 academic year depending on the program of study	Accommodation On campus: \$9,316.96 to \$13,169.26 (includes meal plan) Off campus: rent ranges from \$6,000 to \$9,600 (or \$750 to \$1,400 per month) depending on shared or single accommodation	Transportation \$117.75 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 \$950 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).

OSAP funding will be issued directly to the student and/or their post-secondary institution. Students have to submit a Master Loan agreement to the National Student Loan Centre before funds are released. Students will receive OSAP payments

directly into their personal bank account. 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. Post-secondary institutions are required to participate in the Student Access Guarantee. 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 funding to eligible post-secondary students in financial need. Refer to pages 98 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 \$1,680 per year to assist with educational related costs. 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 & logistics assistant
- **Career Development and Employment Centre**
résumé advisor & administrative support, employer outreach assistant, graphic assistant, customer service specialist
- **Computing and Communications Services**
multimedia production assistant, digital signage assistant, technical writer assistant
- **Enrollment Services and Student Records**
enrollment assistant/student fees, transfer credit clerk, student records and general office assistant
- **Library and Archives**
archives imaging assistant, map and data support assistant, gis & 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**
publications assistant, 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.

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





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 to be eligible to apply for residence.

On-Campus Residences

www.ryerson.ca/studentservices/housing/resaccommodations

Pitman Hall is a 14-storey residence that houses 565 students in 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.

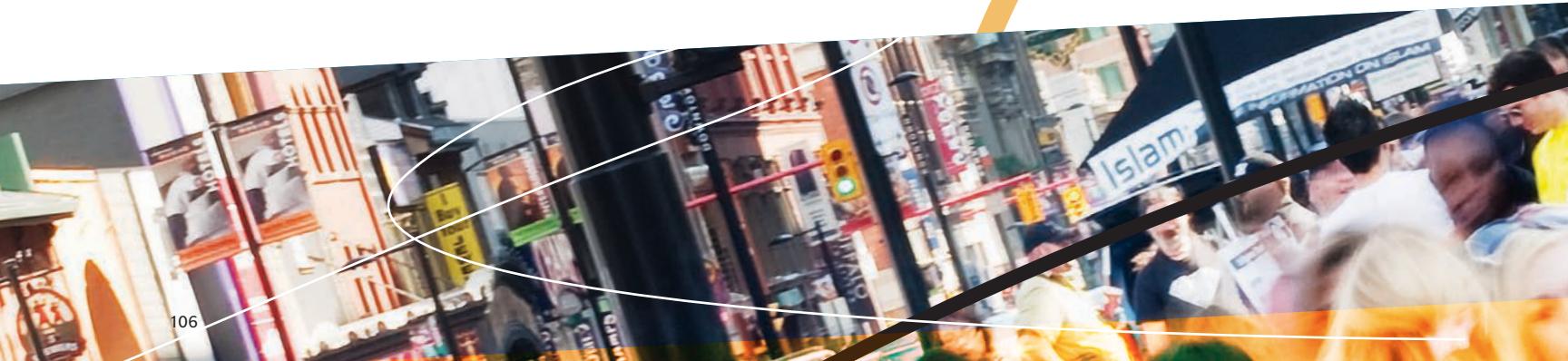
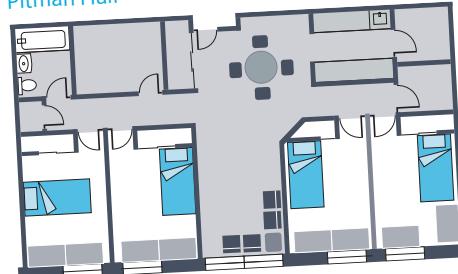
For additional residence information, including how to apply, virtual tours, floor plans and photos, visit www.ryerson.ca/studentservices/housing/resaccommodations.

Off-Campus Housing

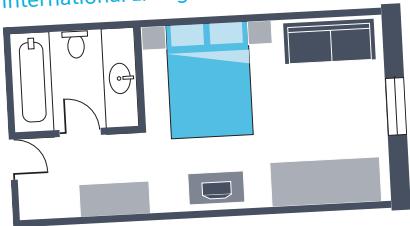
www.ryerson.ca/offcampushousing

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.

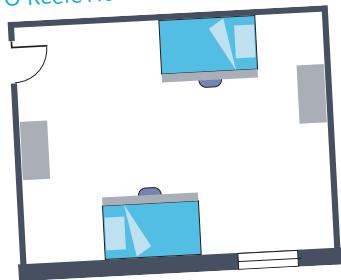
Pitman Hall



International Living/Learning Centre (ILC)



O'Keefe House



library and archives

The Ryerson Library and Archives 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 planned for the corner of Yonge and Gould streets.

The Ryerson Library and Archives collection includes over 500,000 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 or electronic documents).

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 bridge 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, AMC 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 60 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!



2013-2014 RSU Executive

From left to right: Roshelle Lawrence, Vice-President Education; Melissa Palermo, President; Rajean Hoilett, Vice-President Equity; Danielle Brogan, Vice-President Student Life and Events; Ifaz Iqbal, Vice-President Operations

photo credit: Ryerson Students' Union





food on campus

Ryerson University has a number of eateries featuring a wide range of menu choices that cater to diverse diets. We have created an environment that offers students quality, value, convenience and variety. Options include national brands, comfort foods, refreshment kiosks, gourmet coffee, smoothies, sushi and much more.

Healthy 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 and Learning Centre offer an excellent selection of healthy, 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 One Card Office (416-979-5000, ext. 7565). These plans can be used at any food service location at Ryerson.

Food Services on Campus

On-campus outlets include the following:

- **The HUB Market in Jorgenson Hall and Pitman Hall Cafeteria** – Both locations include popular franchise kiosks as well as home-style cooking and quick to-go options.
- **Tim Hortons** – Six outlets are located across campus.
- **Starbucks @ POD-60** – This newly renovated space features Starbucks coffee, fresh sandwiches, salads, pizza and more.
- **Expresso's** – Located in Eric Palin Hall, this outlet provides a variety of hot and cold beverages, light meals 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.
- **The Mutual Street Eatery** – This outlet, located in the International Living/ Learning Centre, offers Marché-style food stations.
- **Balzac's Coffee Roasters** – This outlet is located in the School of Image Arts building.



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 Development and Employment Centre

www.ryerson.ca/career

career@ryerson.ca

416-979-5177

Podium, Room POD-60

The Career Development and Employment Centre (CDEC) 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
- Detailed labour market information posted online for each program of study at Ryerson
- 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

csdc@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-61

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 Centre

www.ryerson.ca/learningsuccess

lss@ryerson.ca

416-979-5000, ext. 7350

Victoria Building, Room VIC-B15

The Learning Success Centre (LSC) 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/mac

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

healthct@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

416-979-5000, ext. 5040

111 Bond Street, 1st Floor

Security & Emergency Services has developed a proactive set of programs to help students, staff and faculty become safety conscious. Security officers 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 officers 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 2014 applicants, including those given an early or conditional Offer of Admission, are required to successfully complete all admission requirements by June 30, 2014. 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, 2014. Visit www.ryerson.ca/undergraduate/admission/apply/after and follow the links for Requests for Summer School and Other Extensions for details.

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 (formerly Radio and Television) 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/privacy.



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 addition, you must submit a detailed outline, year by year, of your activities in and out of formal education as well as a letter outlining 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 2013), 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/undergraduate/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.
- 

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:**
- Questionnaire
 - Essay
 - Portfolio (of published work) encouraged

Performance (BFA)**Acting**

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

PLUS Non-Academic Requirements:

- | | | |
|----------------------|----------------------|----------------------|
| Acting: | Dance: | Production: |
| • Audition/interview | • Audition/interview | • Interview |
| • Written statement | • Resumé | • Resumé |
| • Resumé | • Reference letters | • Reference letters |
| • Reference letters | | • Written statement |
| | | • Optional portfolio |

Professional Communication (BA)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U preferred)

RTA School of Media**Media Production (BA)**

(formerly Radio and Television)

Full Time: Four Year

- English/Anglais (ENG4U/EAE4U) (required for Media Production and Sports Media; preferred for New Media)

PLUS Non-Academic Requirements:

- | | | |
|--------------------------|--------------------|------------------------|
| Media Production: | New Media: | Sport Media: |
| • Personal essay | • Artist's project | • Artist's project |
| • Research-based essay | • Portfolio | • Research-based essay |
| • Resumé | • Resumé | |
| • Two referee forms | | |

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)

Criminal Justice

>The Arts programs noted in this section (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. 1 of the first year, which of the Arts programs they intend to pursue. Transfer applications are considered on a competitive basis subject to space availability. Students intending to declare/transfer to Psychology or Criminal Justice for second year should note that a cumulative grade point average of 3.00 (B) in their first semester studies at Ryerson is required 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 Advanced Diploma in Child and Youth Work 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 Advanced Diploma in Child and Youth Work 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 program (e.g., Social Service Worker) from a public Ontario College with concentration in an 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	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred) • One of: Biology (SBI4U) or Chemistry (SCH4U) • One Grade 12 U or M course in Canadian World Studies or the Social Sciences and Humanities <p>PLUS Non-Academic Requirements:</p> <ul style="list-style-type: none"> • Ryerson Midwifery Program Supplementary Application Form • Personal letter • Interview when requested <p><i>>The Midwifery Education Program is a highly competitive and limited enrollment 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.</i></p>
Part Time: First-Year Entry	
Nursing (BScN)	
Full Time: Four Year	<ul style="list-style-type: none"> • 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	<p>One of the following criteria:</p> <p>Criteria A: Canadian RN Nursing Diploma with a 3.0/B/70% CGPA or higher. Proof of current registration with a provincial or territorial regulatory body, or eligibility for registration in Ontario.</p> <p>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.</p> <p>Criteria C: International nursing studies with good academic standing, AND one of the following:</p> <ul style="list-style-type: none"> • A Ryerson approved bridging program with a 3.0/B/70% CGPA or higher and no repeated courses or failures <p>OR</p> <ul style="list-style-type: none"> • Proof of current registration with a provincial or territorial regulatory body, or eligibility for registration in Ontario <p><i>>Secondary school transcripts not required; Mature Student Guidelines do not apply.</i></p>
Part Time: Post Diploma	
Nutrition and Food (BASc)	
Full Time: Four Year	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred) • One of Chemistry (SCH4U) or Biology (SBI4U) <p>Recommended:</p> <ul style="list-style-type: none"> • Grade 12 U courses in Physics and Mathematics
Public Health and Safety Full Time: Four Year; Five-Year Co-op	
Occupational Health and Safety Full-Time: Two-Year Post-Baccalaureate Degree Program	<ul style="list-style-type: none"> • 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).
Public Health and Safety Full-Time: Two-Year Post-Baccalaureate Degree Program	<ul style="list-style-type: none"> • Bachelor's degree or higher from an accredited university.

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)
Part-Time: Advanced Standing	<ul style="list-style-type: none"> Baccalaureate degree in humanities or social sciences from a Canadian university (or equivalent) with at least two years of accumulated employment in social service field <p>OR</p> <ul style="list-style-type: none"> Social Service or Human Services Counsellor diploma from a public Canadian college (or equivalent) with minimum 3.0/B/70% cumulative GPA plus completion of three one-term university liberal studies courses, one lower-level and two upper-level, NOT first year/level Psychology, Sociology or Politics with at least a C grade in each course <p>AND</p> <ul style="list-style-type: none"> Completion of prerequisite, CVSW15 A/B Foundations of Social Work II from Ryerson's G. Raymond Chang School of Continuing Education 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 OR two professional) <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 of Applied Arts and Technology or the GIS and Urban Planning Diploma from Fanshawe College of Applied Arts and Technology 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

- 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 four Science programs (Biology, Chemistry, Contemporary Science or Medical Physics) they intend to pursue. Transfer applications are considered on a competitive basis subject to space availability.</p>
Biology	
Chemistry	
Contemporary Science	
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 (possible 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 (only specific programs will be considered; contact Undergraduate Admissions and Recruitment for details.) • 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

Degree Program/Form

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

Accounting and Finance (BComm)

Full Time: Four Year	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred) • Advanced Functions (MHF4U) • Calculus and Vectors (MCV4U)
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Business Management (BComm)

Full Time: Four Year	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred) • Mathematics [one of Advanced Functions (MHF4U) or Calculus and Vectors (MCV4U) or Mathematics of Data Management (MDM4U)] <p>> <i>MHF4U and MCV4U are the preferred Mathematics courses.</i></p>
Part Time: First-Year Entry	<ul style="list-style-type: none"> • 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 <p>AND</p> <ul style="list-style-type: none"> • 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 <p>> <i>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.</i></p>
Full- and Part-Time Direct Entry	<ul style="list-style-type: none"> • 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. <p>> <i>Secondary school transcripts not required; Mature Student Guidelines do not apply.</i></p>

Business Technology Management (BComm)

Full Time: Four Year Full Time: Five Year with optional Co-op	<ul style="list-style-type: none"> • English/Anglais (ENG4U/EAE4U preferred) • Mathematics [one of Advanced Functions (MHF4U) or Calculus and Vectors (MCV4U) or Mathematics of Data Management (MDM4U)] <p>> <i>MHF4U and MCV4U are the preferred Mathematics courses.</i></p>
Part Time: First-Year Entry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Ryerson-approved three-year Advanced Diploma specializing in Information and Communications Technology (ICT) from a public Ontario College with a minimum 3.0/B/70% cumulative GPA <p>> <i>Secondary school transcripts not required; Mature Student Guidelines do not apply.</i></p>
Full- and Part-Time Degree Completion	<ul style="list-style-type: none"> • Ryerson-approved three-year Advanced Diploma in Business Administration from a public Ontario College with a minimum 3.0/B/70% cumulative GPA <p>> <i>Secondary school transcripts not required; Mature Student Guidelines do not apply.</i></p>

- **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 related current experience in the field of health information. 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 professional experience in the health services field.

PLUS Non-Academic Requirements:

- Documentation of professional registration/certification by, and current good standing with, appropriate regulatory college/body such as CHIMA, CNO, CORTO, CMLTO, etc. (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 current professional experience in the health services field as well as documentation of professional registration/certification where applicable.

OR Stream B: Graduation with a 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 current professional experience in the health services field.

PLUS Non-Academic Requirements:

- Documentation of professional registration/certification by, and current good standing with, appropriate regulatory college/body such as CHIMA, CNO, CMLTO, etc. (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

- 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.

Retail Management (BComm)

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.

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
(formerly Radio and Television)
 - 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: Submit Required Documents and Information

All applicants must review the information in Ryerson's Official Document Submission Policies and Procedures posted at www.ryerson.ca/undergraduate/admission/apply and arrange submission of the following by all noted deadlines:

- Officially Certified 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

Officially Certified Transcripts

All applicants must arrange to have one set of officially certified academic transcripts including promotion/graduation status of secondary and all post-secondary education (whether or not you completed your program successfully) submitted directly by the issuing school and/or agency to Undergraduate Admissions and Recruitment at Ryerson. If you are a current Ontario secondary school student and have applied before June 1, your grades will be submitted by your guidance office to the OUAC. Visit www.ryerson.ca/undergraduate/admission/apply for details.

New Service for Applicants: Submission of Documents Via Secure Website

Upload

Ryerson plans to introduce a secure web page where applicants will be able to upload unofficial transcripts, and other documents in support of their application. Further information will be available at www.ryerson.ca/undergraduate/admission/apply.

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 officially certified transcripts (e.g., marriage certificate or proof of name change), you must do so directly to Undergraduate Admissions and Recruitment. Visit www.ryerson.ca/undergraduate/admission/apply for details.

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, 2010 for fall 2014), 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. Visit www.ryerson.ca/undergraduate/admission/english for details.

STEP 3: Track Your Application Status via Your Choose>Ryerson Portal

Choose>Ryerson 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 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
Creative Industries Journalism Media Production (formerly Radio and Television) Professional Communication Sport Media	580 Paper-based; 92-93 Internet-based	90	6.5	70
All Engineering programs in the Faculty of Engineering and Architectural Science All Faculty of Science programs except Computer Science	560 Paper-based; 83-87 Internet-based	85	6.5	60
All other programs (including Architectural Science and Computer Science)	580 Paper-based; 92-93 Internet-based	85	6.5	70

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

visit the campus

Campus Tours

Fall 2013:

Monday, September 9 through Friday, November 22, 2013

Winter 2014:

Monday, January 13 through Friday, April 11, 2014

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 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 7, 2013

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.

Ryerson Theatre School Open House Friday, November 22, 2013

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!

OTHER EVENTS

We're always introducing new activities to help you learn more about our programs and community. Visit www.ryerson.ca/undergraduate/admission/visit often to check out what's available.

**Come See us at the Ontario Universities' Fair (OUF)
September 27-29, 2013
#RyersonOUF**

Guidance Counsellor Days Friday, October 25, 2013 Friday, February 7, 2014

Guidance counsellors - please join us for a hot breakfast and a day of professional development!

March Break at Ryerson Monday, March 10 to Friday, March 14, 2014

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 13.



ryerson campus map



RYERSON

ADM	Administration
ARC	Architecture Building, 325 Church Street
BKS	Bookstore, 17 Gould Street
CED	Heaslip House, The G. Raymond Chang School of Continuing Education, 297 Victoria Street
COP	Co-operative Education, 101 Gerrard Street East
CPF	Campus Facilities and Sustainability, 111 Bond Street
CUE	Centre for Urban Energy, 159 Dalhousie Street
DSQ	10 Dundas Street East
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
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



- parking
- security
- transit stop
- subway station

Mattamy Athletic Centre
at the Gardens





Undergraduate Admissions and Recruitment



Podium, Room POD-144 Admission information and campus tours

Future site of the Student Learning Centre

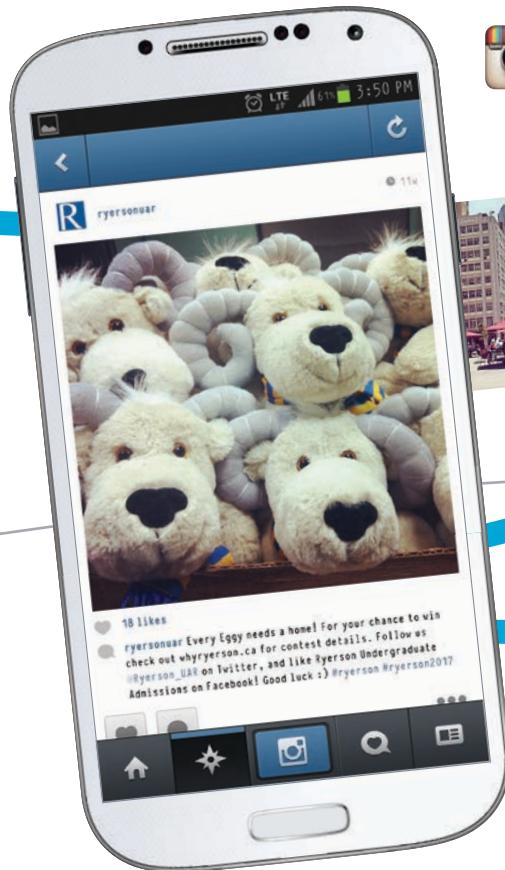


Artist's Rendering: Courtesy of Labtop USA Corp / Zeidler Snøhetta.

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follow us

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connect with us

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.

Contact Us

Undergraduate Admissions and Recruitment (UAR)
www.ryerson.ca/undergraduate/admission
416-979-5036

Mailing Address

Undergraduate Admissions and Recruitment
Ryerson University, 350 Victoria Street
Toronto, Ontario, Canada M5B 2K3

Location on Campus

Podium Building (POD), Room 144
380 Victoria Street, Toronto
Nearest intersection: Yonge/Gerrard



Ryerson University Admissions iPad App

Your guide to Ryerson, including an interactive campus tour, admissions handbook, news, blogs, video and photo galleries.

