Royal Military
College of Canada

RMC provides young Canadians with fully subsidized high-level education leading to a university degree that allows them to develop the competencies required to become strong leaders for the CAF. As you join RMC as an officer cadet, you will embark on an invigorating journey and become a part of a proud heritage.

The education and military experience will provide you with the professional and intellectual skills necessary to assume the responsibilities and meet the demands of leadership in today's rapidly changing world. A career as an officer in the CAF will offer you experiences and challenges serving Canada across the country and the globe. Attending RMC is the first step you will take on an exciting career path destined for success.

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Truth • Duty • Valour
Where to Find Us

Ideally Located
The RMC Campus, rich in history, heritage and tradition, is located on Point Frederick, a small peninsula located near downtown Kingston, Ontario. The College is situated midway between Toronto and Montreal, and only two hours from Ottawa, the national capital. This scenic location at the junction of Lake Ontario and the St. Lawrence River is of great historic importance. It has been an active military site since 1789 and, during the War of 1812, it served as the major naval station in Upper Canada. Ships of the Royal Navy were built and based here. RMC has two National Historic Sites of Canada, the Royal Naval Dockyard and Point Frederick.

By Car
- Toronto: 2.5 hrs
- Ottawa: 2 hrs
- Montreal: 3 hrs

By Plane
- Vancouver: 5 hrs
- Halifax: 4 hrs
- Winnipeg: 3 hrs

By Train
- Hamilton: 3.5 hrs
- London: 6 hrs
- Windsor: 8 hrs

Visiting RMC
RMC opened its doors to the first officer cadets in 1879, making it Ontario’s fifth oldest university.
Undergraduate candidates and their families are encouraged to participate in a tour of RMC. Tours are offered on Tuesdays and Thursdays at 1:30 p.m. throughout most of the year but reservations are required. Please contact liaisonservices.ca or call toll-free 1-866-762-2672 or 613-541-6000 ext. 6984 to schedule your campus tour.
Admissions
By submitting their application, candidates are applying for full-time employment with the CAF. The CAF and the Royal Military College (RMC) of Kingston offer a four-year program leading to an officer’s commission in the Royal Canadian Navy, Canadian Army, or Royal Canadian Air Force. Full-time officer cadets are employed by the CAF as officer cadets.

Under the Regular Officer Training Plan (ROTP), young Canadians have an opportunity to obtain both an officer’s commission in the CAF and an undergraduate degree. Candidates who have been accepted at RMC or at another Canadian university are enrolled in the CAF as officer cadets.

Regular Officer Training Plan
The Regular Officer Training Plan (ROTP) gives young Canadians an opportunity to serve Canada as future officers in the Royal Canadian Navy, Canadian Army, or Royal Canadian Air Force. An application to RMC is an application to serve Canada as a future officer in the CAF and to receive an exceptional education that provides the academic, linguistic, and fitness requirements to lead.

Candidate Selection Process
Since an application to RMC is also an application to the CAF, all ROTP candidates are required to meet the following at their local CAF Recruiting Center (CFRC) or on the website.

• An attitude test
• A medical examination
• An interview

Applicants are evaluated on two fundamental criteria:

Military Potential. The score is based on the assessment of the applicant’s aptitude, personality traits and suitability for the chosen occupation.

Academic Performance. The Admissions Office assesses academic performance which includes verifying a candidate’s top six most recent marks for which official transcripts will have been submitted as part of the initial application to the CAF. Transcripts must include the prerequisites for the academic programme of choice.

ROTP candidates may receive an offer to study in either of the two military colleges. Senior candidates selected for RMC Saint-Jean will complete their first year of university studies and the Basic Military Officer Qualification in Saint-Jean-sur-Richelieu, Quebec, after which they will attend RMC in Kingston, Ontario, for three years.

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Application Procedures and Admission Requirements

General Qualifications
To qualify for admission to RMC, a candidate must:

• Be a Canadian citizen
• Meet the minimum medical standard required for CAF enrolment
• Pass pre-enrolment tests
• Be 16 years of age to submit an application
• Possess the necessary academic qualifications
• Have a 75% minimum grade point average to apply

General Academic Qualifications
To qualify for admission to RMC, a candidate must be in the process of completing or have completed secondary school at a university preparatory level (Grade 12 or the provincial equivalent). Candidates are required to have the necessary credits for admission to university in the province where they are completing secondary education and meet the RMC admission requirements for the programme they want to pursue. Quebec students enrolled in CEGEP must be completing or have completed secondary school within two years of pre-university programme, and will normally be expected to have completed fourteen credit courses.

Where to Start
Find an occupation that interests you.
ROTP candidate offers have 20 unique and exciting jobs available to them through the CAF after graduation. Explore your options by visiting www.forces.ca.

Find a degree programme that interests you.
RMC offers 19 undergraduate degree programmes, some of which are required for specific occupations. To verify, contact your local CFRC at 1-800-856-8488.

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The Four Components of Achievement

**Leadership**

The Leadership Component develops personal skills needed by officers to succeed in today's complex and rapidly changing world. Basic Military Officer Qualification will provide the fundamental skills of an effective leader and resource manager. This leadership training will be expanded upon during your studies. Along with other experiences, it prepares the individual for making difficult decisions under stress through a deeper understanding of the factors affecting the role as a leader. The nature of military leadership and military operations necessitates an in-depth understanding of human behaviour; therefore, studies in military psychology and leadership are part of the required academic curriculum. Particular emphasis is placed on the importance of personal integrity, ethical behaviour and professional responsibility.

**Athletics**

The Athletics Component teaches the importance of fitness and a healthy lifestyle. Striving to achieve a higher level of physical fitness improves the quality of life, enables more effective learning, and inspires others. Officer cadets are required to participate in a physical education programme designed to achieve and maintain a high level of fitness and learn the basics of a wide variety of team and individual sports.

**Bilingualism**

Bilingualism reflects Canada's cultural heritage. As representatives of this heritage, officers are expected to be fluent in both of Canada's official languages. Responsibilities as an officer in the CAF require leading Canadian men and women of both official languages. RMC has been training officers to communicate effectively in both English and French for more than 40 years through in-class instruction and integration into daily life. Located in an Anglophone environment, RMC is a great place for Francophones wanting to perfect their linguistic proficiency in English and rapidly meet CAF requirements with regard to bilingualism.

**Academics**

The academic programme is built upon the foundation of an undergraduate degree. All university programmes – Engineering, Science or Arts – are balanced with a core curriculum of liberal arts, science and military education in preparation for the complexities of service in the 21st century.
The Leadership Component

Since RMC’s goal is to prepare students for their roles as officers in the CAF, it is important for officer cadets to be exposed to and develop leadership traits during their time at RMC.

Basic Military Officer Qualification
Students accepted to RMC begin their first year with Basic Military Officer Qualification at the Canadian Forces Leadership and Recruit School (CFLRS) in Saint-Jean-sur-Richelieu, Quebec. This introductory programme consists of common military subjects such as general military knowledge, the principles of leadership, military regulations and customs, basic weapons handling, and first aid. Opportunities will also be provided to apply such newly acquired military skills in training exercises involving force protection, field training, navigation and leadership.

First Year Orientation Programme
Upon completion of Basic Military Officer Qualification, students begin full-time studies at RMC and continue learning the elements of military training during the First Year Orientation Programme. This ends with the running of the RMC Obstacle Course after the induction into First Year at RMC.

Community Involvement
Each year, officer cadets participate in a class project which involves organizing and running a community-based event. Past projects include collecting food for a local food bank, hosting support groups for a day of fun, cleaning up local parks, and staging a talent show.

Summer Training
After completing the first year at RMC, officer cadets return to Saint-Jean-sur-Richelieu, Quebec, to complete their Basic Military Officer Qualification. After the second year, officer cadets complete 30 weeks of Second Official Language Education and Training if required, or they can receive up to 12 weeks of military training which may include military occupation training relevant to their chosen element or occupation. This training takes place at military bases across Canada. After the third year, officer cadets participate in the on-the-job-experience or formal occupational training within their field of specialization. After the fourth year and upon graduation, they are commissioned as an officer in the Royal Canadian Navy, Canadian Army or Royal Canadian Air Force and continue their training at military bases in Canada.

Military Drills and Parades
RMC is renowned for the quality and diversity of its ceremonial parades. Officer cadets are expected to reach and maintain a high standard in drill with the service rifle, the ceremonial flag, and the sword.

The Athletics Component

The Physical Education and Athletics programme is designed to help each officer cadet attain a high level of physical fitness and a good level of skill in a wide variety of sports. This programme is compulsory and officer cadets are tested periodically to ensure that they meet fitness standards in terms of stamina, agility and strength.

Physical Education
The four years of physical development are designed to achieve different levels of athletic fitness. Officer cadets attend a two-hour physical education period each week during the academic year, as well as a physical fitness test twice per year.

The first year of studies emphasizes proper training and conditioning techniques; the second year, team sports participation; the third year, military training, which includes hand-to-hand combat techniques and military fitness; and the fourth year specializes in a wide variety of activities and sports.

Varsity Sports
RMC is a member of Ontario University Athletics (OUA), one of four conferences that make up USports. RMC’s varsity teams compete in the following OUA sports:
- Fencing
- Hockey
- Rugby
- Soccer
- Volleyball

Competitive Clubs
These clubs provide members an enhanced opportunity for training and competition that are otherwise not available as recreation clubs. RMC’s clubs include:
- Running
- Rowing
- Rugby

Intramural Sports
Officer cadets who are not members of a varsity team or competitive club participate in the intramural programme twice per week and may be involved in organizing and running intramural events. RMC currently offers, among many other sports, ice hockey, hurl hockey, basketball, soccer, water polo, ultimate frisbee, and flag football.
Athletics Facilities

RMC’s modern athletics facilities offer officer cadets participation in many different sports and activities. The Kingston Military Community Sports Centre houses a 25-metre pool and hot tub, a 200-metre track, a spin room, cardio room, squash courts, a weight room and hardwood courts. There are also tennis courts, soccer fields, an ice rink, a beach volleyball court, and ample amount of equipment that provide students with the opportunity to participate in water sports, including windsurfing, canoeing and kayaking. The latest addition to the athletics facilities is the sports dome which contains an 85-metre by 120-metre turf field.

Officer cadets are also able to use CFB Kingston’s golf and curling clubs, as well as the bowling alley. The athletics facilities are used on a regular basis by the cadets for intramural sports and physical education courses.

Recreational Clubs

Recreational clubs are created and organized by officer cadets with the intent of providing leadership opportunities for students. They also help develop the social skills of those who choose to get involved and to introduce different leisure and athletics activities to the RMC community not already offered through the varsity and intramural programme. Some of RMC’s recreational clubs include:

• Astronomy
• Band
• Bilingualism
• Chess
• Climbing
• Curling
• Debate
• Expedition
• Judo
• Multi-Sport
• Paintball/Airsoft
• Photography
• Power Flying
• Sport Parachuting
• Sea Kayak
• Theatre
• War Games
• Windsurfing
• Yacht
One of RMC’s objectives is to ensure that officer cadets can communicate in both official languages and that they understand the principles of bilingualism. Second Official Language Education and Training (SOLET) is thus mandatory for all officer cadets who are not already highly proficient in their second language.

Language Classes

Upon arrival at the College, officer cadets complete a placement test that measures their second official language proficiency. If an officer cadet does not reach the level required by the curriculum of RMC, they take SOLET classes.

Officer cadets are grouped according to proficiency level and take classes for fifty minutes every weekday. Classes are small (a maximum of ten officer cadets) and focus on reading comprehension, written expression, and oral competency. Officer cadets can also reserve online for one-on-one tutorials also offered in all areas of study.

Summer Training

Officer cadets who have not reached the bilingualism level required by the curriculum following second year will complete an intensive ten-week immersion course. Officer cadets are in class for five hours per day with small class sizes, either at RMC or at the Canadian Forces Language School in Saint-Jean-sur-Richelieu, Quebec.

Testing

Officer cadets will eventually take exams administered by the Canada School of Public Service. RMC’s Language Centre will schedule the officer cadets to take these exams. The Language Centre has its own evaluation tools to determine if candidates are ready for the official exams.

Daily Life

Academic courses are offered in both English and French, which means that officer cadets may be able to enroll in classes instructed in either official language and write all papers and essays in their first official language. For one half of each month on campus, business is conducted in one official language. This means that orders and directives are given in the language of the day, and all activities and events outside of class are performed in that language. As well, every effort is made to board first-year officer cadets with different first languages together. RMC students are required to achieve a BBB level recognized by the Canada School of Public Service.

For the officer cadets, RMC is the first milestone of a stimulating journey that aims at propelling them as leaders of their generation. We strongly believe that the knowledge and the linguistic, communicative, and cultural competencies acquired during this first step of their journey will enrich these young men and women who will be called upon to contribute to the mission of the CAF and serve their country.

The Bilingualism Component
The Academic Component

RMC’s Academic Component consists of an undergraduate university degree. Students with a secondary school diploma begin their university studies at RMC in Kingston, Ontario, or at RMC Saint-Jean in Quebec. Students Completing secondary 5 in Quebec begin their studies by completing Preparatory Year at RMC Saint-Jean in Quebec, and then continue with university studies at RMC in Kingston.

Undergraduate Degrees

RMC offers 19 four-year undergraduate degrees in Arts, Science, and Engineering that are all balanced with a core curriculum of liberal arts, science and military education.

Arts

By virtue both of its diversity and its emphasis on providing Canada with well-rounded citizens capable of excelling both within and beyond the domain of the CAF, an RMC Arts degree ensures that officer cadets gain knowledge and experience that will prepare them for a career in the military and for their role as leaders in contemporary Canadian, and increasingly global society. Officer cadets take courses that offer knowledge relevant to their academic specializations. They can expect to develop crucial oral and written communication skills, creative and critical thinking capabilities, and problem-solving strategies.

Central to the overall vision of the Faculty of Arts is that officer cadets graduate prepared to contemplate and engage in, and with, the vast array of social, political, psychological, economic, philosophical, artistic, cultural, and human experiences that they will encounter as global citizens of the 21st century.

Officer cadets in the Arts programmes are required to take a common set of core courses in the first year and then declare a Major field of study in the second, during which the programme consists of a combination of compulsory and elective courses.

Bachelor of Arts (Major and Honours)
- Business Administration
- Economics
- English
- French Language, Literature and Culture
- History
- Military and Strategic Studies
- Political Science
- Psychology

Science

The Faculty of Science provides quality Science based programmes to officer cadets within the RMC framework of a broad-based education. The Faculty of Science offers Minors in Life Science and in Environment, which can be taken by officer cadets in any Science programme. Officer cadets follow a common first year programme consisting of a mixture of Science courses (algebra, calculus, chemistry, computer science, physics) and Arts courses (English, psychology). After First Year, officer cadets choose the degree programme they wish to follow.

Bachelor of Science (Major and Honours)
- Chemistry
- Computer Science
- Mathematics
- Physics
- Space Science

Engineering

The Faculty of Engineering is responsible for the education of future officers for professional careers in engineering in the CAF. Of primary concern is the development of professional competence in areas applicable to the military and society at large. The curriculum is a mixture of domain-specific engineering courses rounded out by knowledge-broadening courses in the humanities. All Engineering programmes are based on a common first year with specialization commencing in the second year of study. The fourth year programme includes a realistic engineering project for which officer cadets must define the problem as well as find an appropriate engineering solution which will inevitably involve the interaction of several subject areas.

The RMC Engineering programmes are highly regarded because of their practical application to military problems and the low officer cadet to professor ratio. These unique characteristics, along with a commitment for excellence in education, ensure successful candidates of an Engineering degree with a difference. All of RMC’s engineering programmes are accredited by the Canadian Engineering Accreditation Board.

Bachelor of Engineering
- Aeronautical
- Chemical
- Civil
- Computer
- Electrical
- Mechanical

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The Faculty of Arts

Business Administration
The study of business administration encompasses a number of functional areas including accounting, information systems, finance, marketing, operations management and human resource management. The practice of business administration does not take place in a vacuum, and understanding the environmental context and its relationship with a functional area is essential to the development of effective decisions, policies and strategies. The programme provides the officer cadet with a basic understanding of certain core disciplines, such as quantitative methods, economics and psychology, as well as basic understanding of each of the functional areas listed above.

Economics
Economics is the social science that studies how individuals, firms, and governments make choices about allocating scarce resources to satisfy unlimited needs. Economic behaviour is everywhere: from officer cadets choosing how much time to allocate to studying versus going to the gym or going out, to governments choosing how to allocate resources to education, health care, or security. All of these decisions involve a choice of alternatives given limited resources, such as time and/or money. There are two main branches of economics: microeconomics and macroeconomics. Microeconomics studies the behaviour of individual decision makers such as firms and households. It deals with determination of prices and quantities in individual markets and with the relationship among markets. In contrast, macroeconomics is concerned with the behaviour of the economy as a whole, in particular, with factors such as unemployment, national income, economic growth, inflation, and price levels.

English
The English Studies programme is designed to develop and refine communication skills and enhance problem-solving abilities. The programme explores both traditional and non-traditional values in contemporary societies with a view to enhancing critical thinking and insight from the study of literary culture and language and the influence of these on economics, politics and history.

French Language, Literature and Culture
The programme is designed to improve the officer cadets' communication skills, teach them to think critically about and analyze francophone literature. By studying numerous literary works, officer cadets gain an understanding of the importance of cultural and social values in the development of societies and in today's world, with particular emphasis on "La Francophonie". The programme also investigates how universal cultural standards vary considerably from one society to another.

History
Appreciating the origins and complexities of the society in which we live requires an understanding of history. The study of history has also been described as one of the best possible educations for military leaders, short of actual battlefield experience. The programme places considerable emphasis on the study of international relations, civil-military relations, and the impact of war on society. It provides a broad exposure to the study of the histories of Canada, the Commonwealth, Europe, the United States, the former Soviet Union, the Middle East, China and Africa. Specialized thematic courses are also available.

Military and Strategic Studies
This programme employs a multidisciplinary approach to the study of international relations, strategic thought and military history, through a combination of core courses in history, political science and psychology. This programme is organized to provide a solid foundation for those who intend to pursue careers in the areas of international relations, defence and security studies.

Psychology
The programme provides officer cadets with the philosophical and psychological framework on which to build a sound understanding of the dynamics of leadership. The primary emphasis is in the military experience. The programme focuses on self awareness and appreciation of human behaviour, ability to understand and apply influence in social interactions; shift in adapting effective leadership approaches in a variety of circumstances, and an appreciation of the necessity for personal integrity, importance of human dignity, and necessity to reflect continually on one's values and professional conduct.

Political Science
Courses in the Political Science programme are multidisciplinary and focus on a broad spectrum of philosophical, social, political, strategic, military and security issues, both domestic and international, and their political implications. The programme is divided into six major fields of study: Canadian government, international relations, comparative politics, public administration and policy; and geography. The programme focuses on methods of inquiry and political philosophy, and addresses the big questions of peace, justice, democracy, and equality.
The Faculty of Science

Chemistry
Chemistry provides a basic building block for a broad understanding of the world around us. The principles and chemical properties learned will provide every student with the personal and professional life. The Department of Chemistry and Chemical Engineering offers a BSc in Chemistry covering fundamental aspects of the chemistry and chemical applications related to the military, nuclear science, the environment, and materials. Officer cadets also have the option of specializing in Life Sciences (courses geared towards chemical biology) and/or Environmental Science by taking advantage of our two available minors.

Computer Science
The importance of computers and their applications continues to grow in almost every sector of human endeavour. With a solid foundation in mathematics, algorithms, analysis, complexity and programming fundamentals, graduates are well-equipped to cope with the complex systems employed in nearly all aspects of our society.

Mathematics
Apart from being a subject of its own right, mathematics provides practitioners in many fields with the tools to measure, analyze, and understand problems and phenomena within their respective disciplines. In today’s complex world, mathematics graduates are required in virtually all aspects of our lives where mathematical modeling provides the basis of our understanding and control. Mathematics graduates are often employed as consultants, as systems analysts or as foundation of our understanding and control.

Physics
Physics is one of the oldest academic disciplines, perhaps the oldest through its inclusion of astronomy. It intersects with many interdisciplinary areas of research, and its boundaries are not rigidly defined. Physics makes significant contributions through advances in new technologies that arise from theoretical and experimental advances.

The program offers a wide range of courses addressing many aspects of the physical sciences, such as mechanics, classical and modern physics, as well as contemporary applications. Many specialized courses are offered in senior years to cater to the various branches of physics. Those courses are mainly related to the areas such as physics within the Physics Department: electronic, computer, and geographic materials science, and space science, including astronomy and astrophysics. Based on experimental courses, the program is included in every year of this program. In the Honours program, officer cadets are provided an opportunity to complete a thesis or other independent project and to pursue independent research under the supervision of a faculty member.

Space Science
The Space Science program is offered by the Department of Physics and Space Science, which is a more specialized physics-based degree focused principally on topics related to space mission development and operation, space research and astronomy/astrophysics. The majority of courses in junior years of the program are identical to those in the Physics program. The program diverges in senior years, in which officer cadets are required to complete advanced space-related courses, including orbital mechanics and space concepts and applications. In the Honours program, officer cadets take more specialized courses and work on a project that addresses a problem in the space environment. Officer cadets in the Honours program work as a team to complete a capstone project designing a realistic space mission.

The Faculty of Engineering

Aerospace Engineering
Aerospace Engineering focuses on the design, control and operational performance of aircraft, spacecraft and airborne weapon technologies. Developing vehicles and systems that can travel from Earth to space and back again requires a thorough understanding of aerodynamics, propulsion, aircraft performance and structural design, materials, flight dynamics, control and navigation systems, and propulsion and aircraft to achieve the desired results. With a solid foundation in aerospace engineering, officer cadets are at the forefront of exploring all possibilities to allow people and machines to travel faster and further or indeed more slowly, securely, stealthily, lethally or effectively both in the atmosphere and into space.

Chemical Engineering
Chemical Engineering focuses on the development of new substances, the design of new technologies, and the development of new methods to improve existing ones. Officer cadets in Chemical Engineering will have the opportunity to explore the chemical engineering core, the programme emphasises the areas of chemical process engineering, chemical kinetic, energetic, corrosion, fuel cells, batteries, alloys, polymers, ceramics, composite development, and environmental engineering. In addition, the Chemical Engineering programme is designed to meet the needs of the chemical industry, with a focus on the development of smart grids for delivery of reliable energy, advanced telecommunications network, development of energy vehicles and robotics.

Mechanical Engineering
Mechanical Engineering is one of the oldest and broadest of the engineering fields. Mechanical engineers are innovators, focusing on the analysis, design, manufacturing and maintenance of items of all size which extend humans physical abilities, from small nano-machines to large manufacturing plants. With a solid understanding of the underlying principles of mechanics, officer cadets will be able to design, develop, and engineer some of the most complex systems of our time. They are involved in the development of smart grids for delivery of reliable energy, advanced telecommunications network, development of energy vehicles and robotics.
1. Candidates intending to pursue their studies in French should have completed secondary school level courses in French equivalent to the course in English required above.

2. Elective courses taken to complete a secondary school programme should be chosen carefully to strengthen academic preparation.

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<tr>
<th>Province</th>
<th>ARTS</th>
<th>SCIENCE</th>
<th>ENGINEERING</th>
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<td>Saskatchewan</td>
<td>English 30-1 &amp; Pre-Calculus 30-1 or Pre-Calculus 30-2</td>
<td>Mathematics 30-1 &amp; Mathematics 30-2</td>
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<td>Yukon</td>
<td>English 30-1 &amp; Pre-Calculus 30-1 or Pre-Calculus 30-2</td>
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