CANADIAN MILITARY COLLEGES

Universities with a difference
The Canadian Military Colleges (CMCs) are national universities for educating and developing leaders committed to serving Canada. To achieve this goal, the demands of a CMC education go beyond academic achievement.

For officer cadets and naval cadets (otherwise referred to as cadets) studying under the Regular Officer Training Plan (ROTP) or the University Training Plan - Non-Commissioned Members (UTPNCM), the CMCs degree is based on four interlocking pillars: Academics, Military, Physical Fitness and Bilingualism, each of which is incorporated throughout the formal and informal elements of the CMC programme.

The CMCs teach the importance of character development and a healthy lifestyle through physical fitness. The Physical Education and Athletics Programme helps each officer and naval cadet attain a high level of physical fitness, learn the skills of a wide variety of team and individual sports, and develop a strong proficiency in hand-to-hand combat and aquatics activities, all of which contribute to character growth and leadership skill development. This programme is an integral part of the curriculum. The officer cadets and naval cadets must meet the CMC fitness standards to graduate.

Bilingualism reflects Canada’s heritage. As representatives of this heritage, officers are expected to be fluent in both of Canada’s official languages. Upon arrival at a military college, officer and naval cadets complete a second language proficiency evaluation. They are grouped in small classes according to their level of bilingualism. Four to six hours per week of second language training is mandatory until they achieve a BBB level recognized by the Public Service Commission. An immersion course is also given during the summer.

Studies are at the heart of officer training. All ROTP officer cadets and naval cadets will complete one of the following degrees: Bachelor of Arts (Honours), Bachelor of Arts, Bachelor of Science (Honours), Bachelor of Science, or a Bachelor of Engineering. There are 20 overarching academic programmes that are offered, 19 at RMC and one at RMC Saint-Jean. Many of these programmes can be taken as double Honours, double Majors, Joint Major, or a Major with a Minor or double Minor.
ATHLETIC FACILITIES
RMC's modern athletic facilities cater to a wide variety of 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, rugby pitches, an ice rink, a domed turf field, a beach volleyball court, and an ample amount of equipment that provide students with the opportunity to participate in a wide variety of sports including windsurfing, canoeing, and kayaking, and a variety of activities.

SPORTS & RECREATION
RMC is a member of the Ontario University Athletics (OUA), one of four conferences that make up U SPORTS. RMC's varsity teams compete in a variety of sports, as shown below. RMC's competitive clubs provide members an enhanced opportunity for training and competition that are otherwise not available as recreational clubs.

Officer and naval cadets who are not members of a varsity team or competitive club must participate in the intramural programme and may be involved in organizing and running intramural events.

For more information and to see a full list of intramural sports and recreational clubs available please visit www.rmc-cmr.ca

STUDENT SERVICES
Delivery of student support services is accomplished via the cooperative efforts and partnerships of many internal and external organizations that can act as the first point of contact, and help students either directly, or by referring them to appropriate resources. Students can walk into the College Success Centre for any reason to seek such read help.

The Director of the Centre is part of the Canadian Standards Association, working on Mental Health Services and Support standards for post-secondary institutions. The Director coordinates with Public Health in Kingston to create synergy between RMC and the greater community.

Students have access to the following services:

- RMC Success Centre
- Math Help Centre
- Writing Centre
- Academic Accommodations
- Sentinel Programme
- Spiritual Support
- Medical and Dental Services
- Canadian Forces Morale & Welfare Services
- Military Family Resource Centre
- Personnel Support Programmes
- Financial Counselling Services

OFFICER CADET LIFE AT RMC

KINGSTON CAMPUS
The campus, rich in history, heritage, and tradition, is located on Point Frederick, a small peninsula near downtown Kingston, Ontario, situated midway between Toronto and Montreal, and only two hours from Ottawa. RMC acknowledges that the land on which it is located is the traditional territory of the Anishinaabe and Haudenosaunee peoples.

DORMS
ROTC students are required to live on campus. Available single rooms are normally allocated to Fourth Year students. Other senior students are allocated single rooms on a space available basis. First Year students are quartered in double rooms. All residences are co-ed.

Residence for officer cadets and naval cadets is guaranteed and mandatory. There is no deposit or need to apply.

VISITING RMC
Undergraduate candidates and their families are encouraged to participate in a tour of RMC. Tours are offered on Mondays and Fridays throughout most of the year and reservations are required. Please find the online booking tool at www.rmc-cmr.ca, contact liaison@rmc.ca or call toll free 1-866-762-2672 or 613-541-6000 ext. 6984 to schedule your campus tour.
RMC Saint-Jean ensures officer cadets and naval cadets a seamless transition from high school to university by providing two college-level programmes in Social Science and Science which are closely integrated with the undergraduate university programmes offered at both CMCs.

These two year collegial-level programmes are offered in both official languages; they extend over four semesters and correspond to CEGEP 1 and 2. The courses are recognized by the Ministry of Education and Higher Education of the province of Québec.

RMC Saint-Jean also offers an undergraduate programme in International Studies.

ATHLETIC FACILITIES
RMC Saint-Jean’s athletic facilities provide officer cadets and naval cadets the opportunity to participate and compete in many different sports. The sports complex includes a 25 yard pool, a spinning room, a weight room, a cardio room, squash courts, an ice rink and hardwood courts. Outside tennis courts, soccer fields, deck hockey and a 400m track are also available. All necessary equipment is made available to train and develop the cadets’ athletic abilities.

SPORTS & RECREATION
Maintaining a healthy lifestyle is a priority for the CAF and this is why physical fitness training and sports are a mandatory part of officer cadet and naval cadet life. The sports programme will develop values such as resilience, determination, respect and team spirit in a stimulating environment, with the support and guidance of strong leaders.

Officer and naval cadets may choose to play in competitive teams or intramural sports. The competitive sports component of the programme offers a calendar of events adapted to each discipline that provides officer cadets and naval cadets with opportunities for success and excellence. Students-athletes who play on competitive teams represent RMC Saint-Jean in both civilian and military events.

Some leisure clubs are also available, such as chess, dance, social, theatrical, religion, dungeons & dragons, gaming, and deck hockey. These clubs may change based on students’ different interests.

STUDENT SERVICES
To support students along their studies and to ensure their success in each of the four pillars of the curriculum, RMC Saint-Jean offers a variety of services designed to help them cope with the many challenges they face at the academic, moral, as well as physical and mental health levels.

Upon arrival at RMC Saint-Jean, all officer and naval cadets are mentored by an experienced military team. This team will allow them to learn the ways of the military culture in a healthy and respectful environment.

RMC Saint-Jean offers the following services:

• Mentorship by experienced military personnel
• Members of the Personnel Support Program
• Peer Support Group
• Chaplains and spiritual guidance
• Academic Advisor
• Director of College Programmes
• Documentary Research Support & Training
• Pedagogical Support Coordinator
• Peer Tutoring Services

OUR PARTNERS

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The programme is designed to improve the students’ communication skills and enhance problem-solving abilities. The programme places emphasis on the study of international relations, civil-military relations, and the impact of war on society. It provides exposure to the study of the histories of Canada and many other regions and countries of the world. Specialized thematic courses are also available.

MILITARY AND STRATEGIC STUDIES

This programme employs a multidisciplinary approach to the study of international relations, strategic decision-making, and the military history, through a combination of core courses in history, political science, and psychology. This programme provides a foundation for those who intend to pursue careers in the areas of international relations, defence and security studies.

POLITICAL SCIENCE

Courses are multidisciplinary and focus on 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, political theory, public administration and policy, and geography. The programme focuses on methods of inquiry and political philosophy, and addresses the questions of peace, justice, democracy, and equality.

PSYCHOLOGY

The programme provides students with a framework on which to build an understanding of the dynamics of leadership. Emphasis is on the military experience, focusing on self-awareness and appreciation of human behaviour; the ability to understand and adapt effectively in social situations and the skill to adapt leadership approaches to a variety of circumstances; appreciation of the need for personal integrity; respect for the importance of human dignity, and the need to reflect continually on one’s values and professional conduct.

There are seven optional courses: (a) three presenting perspectives from diverse regions of the world and (b) four from emphasis areas, such as society, politics, and security. Officer cadets and naval cadets will have the opportunity to serve at the international level and work in a variety of culturally diverse environments.

OPTIONAL COURSES

- Communication: Theories, Media, and Technology
- International Relations
- Physics for Liberal Arts (Core curriculum)
- Canadian Politics and Thought (Core curriculum)
- Reading the Contemporary World I
- Reading the Contemporary World II
- Geopolitical Block I
- Geopolitical Block II
- Canadian Foreign and Defence Policy
- Public International Law (Distance learning)
- International Human Rights Law
- Military Professionalism and Ethics (Distance learning)
- Integrative Seminar (Research paper or simulation)
- Elective Course IV
AERONAUTICAL ENGINEERING
Developing vehicles and systems for atmospheric and space environments, Aeronautical Engineers have a thorough understanding of aerodynamics, fluid dynamics, propulsion, aircraft performance, structures, materials, flight dynamics, control and navigation systems, and avionics. Working with both small unmanned systems and large-scale aerospace vehicles, they design, analyze, test, develop, manufacture, fly, control, and navigate aircraft so that the society can travel faster and farther, or indeed more slowly, securely, stealthily, lethally, or effectively to allow people and machines to travel faster and farther, or indeed more slowly, securely, stealthily, lethally, or effectively both in the atmosphere and in space.

CHEMICAL ENGINEERING
The programme has strong materials engineering and environmental engineering components. Materials and Environmental Engineering are also included to reflect the wide range of industrial sectors Chemical Engineering is involved in. In addition to the Chemical Engineering core courses, the programme places emphasis on the areas of corrosion, chemical process design components. Nuclear and environmental engineers are interested in the development of technologies that sustain the environment, and materials. Students also have the option to specialize in Life Sciences (courses geared towards chemical biology), Environmental Sciences, and/or Chemical Biological, Radiological and Nuclear Warfare (CBRN) by taking advantage of our three available Minors.

CHEMISTRY
Chemistry provides a basic building block for a broad understanding of the world around us. The principles and chemical knowledge of this class will provide someone’s personal and professional life. The Department of Chemistry and Chemical Engineering offers a BSc in Chemistry concentrating in any of the following streams: Applied Chemistry, Chemical Education, Environmental Chemistry, Life Sciences, and/or Marine Chemistry. In senior years, students are required to complete advanced space-related courses, including astronomy/astrophysics. In senior years, students are required to complete advanced space-related courses, including astronomy/astrophysics. The Space Science programme is a more specialized physics-based degree focused principally on topics related to space mission development and operations, space research and astronomy/astrophysics. In senior years, students are required to complete advanced space-related courses, including astronomy/astrophysics. Honours programme students take more specialized courses, including advanced space-related courses, including astronomy/astrophysics. Space Science students also have the option to specialize in Life Sciences (courses geared towards chemical biology), Environmental Sciences, and/or Chemical Biological, Radiological and Nuclear Warfare (CBRN) by taking advantage of our three available Minors.

COMPUTER SCIENCE
The importance of computers and their applications continues to grow in almost every sector of human endeavour. With a solid understanding of computer science, students are well-equipped to cope with the complex systems employed throughout the CAF.

ELECTRICAL ENGINEERING
In today’s world, highly interrelated systems, they understand all aspects of the physical sciences, such as mechanics, classical and modern physics, as well as electromagnetic and optics. Many specialized courses are offered in senior years to cater to the various branches of these courses. They are mainly related to the three axes of research within the Physics Department: acoustic and biomechanics, materials science, and space science, which includes astronomy and astrophysics.

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MATHEMATICS
Apart from being a subject of study, mathematics provides a foundation in the understanding of other sciences. Mathematics graduates are required in virtually all parts of our lives and our society, providing the basis of our understanding and control. Mathematics graduates are often employed as consultants, as systems analysts or engineers, in operations research, in data science and analytics, and in cryptography.

PHYSICS
Physics intersects with many interdisciplinary areas of research, and its boundaries are not rigidly defined. Physicists make significant contributions through advances in new technologies that arise from theoretical and experimental advances.

This programme offers a wide range of courses addressing many aspects of the physical sciences, such as mechanics, classical and modern physics, as well as electromagnetic and optics. Many specialized courses are offered in senior years to cater to the various branches of these courses. They are mainly related to the three axes of research within the Physics Department: acoustic and biomechanics, materials science, and space science, which includes astronomy and astrophysics.

MATH PROGRAMMES
• BSc Honours in Mathematics
• BSc - Double Honours, Majors and Minors are possible
• BEng BSc (Honours) or BSc - Double Honours, Majors and Minors are possible

Engineering programs at RPI highlighting the contribution to sustainable development. The programme also focuses on the areas of corrosion, chemical process design components. The programme also focuses on the areas of corrosion, chemical process design components. The programme places emphasis on the areas of corrosion, chemical process design components. Literature graduates are often employed as consultants, as systems analysts or engineers, in operations research, in data science and analytics, and in cryptography.

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By submitting their application, students are applying for full-time employment with the CAF. The Canadian Military Colleges provide the basis for professional development as future Royal Canadian Navy, Canadian Army, or Royal Canadian Air Force officers. An application to the Canadian Military Colleges is an application to serve Canada as a future officer in the CAF and to receive an exceptional education that provides the leadership skills, academic, linguistic and fitness requirements to lead.

REGULAR OFFICER TRAINING PLAN (ROTP)

Under the ROTP, the Department of National Defence (DND) pays for all costs of tuition, uniforms, books, instruments, and other essential fees. Officer cadets and naval cadets are also paid a monthly salary (from which mandatory room, board and mess dues are deducted), undergo military occupation training and, if required, second language training. They will also receive full medical and dental care at no cost. Annual vacation with full pay is granted according to CAF regulations. Students are required to maintain satisfactory academic, military, fitness, and linguistic progression throughout the programme. Those who do not maintain a suitable level of academic performance may be permitted to repeat one year at their own expense and, if successful, be reinstated to full pay and allowances.

Upon successful completion of the ROTP, officer cadets and naval cadets receive a bachelor’s degree in Engineering, Science or Arts and become fit, bilingual officers in the Royal Canadian Navy, Canadian Army, or Royal Canadian Air Force. ROTP officer cadets and naval cadets are required to serve a minimum of five years (ten for pilots) after graduation. Students enrolled in the ROTP may request to be released from the CAF prior to the commencement of the second academic year without incurring any obligatory service or financial penalties.
Academic Potential. The Admissions Office assesses academic performance by verifying a candidate’s top six recent marks which must include the required prerequisite courses for the applicable degree. Transcripts must include the prerequisite courses for the academic programme of choice. Academic Potential also includes an assessment on time management skills, fitness, and level of bilingualism.

ROTP candidates may receive an offer to begin their studies at either RMC or RMC Saint-Jean. Individuals will complete Basic Military Officer Qualification (BMQ)/training in Saint-Jean-sur-Richelieu, Quebec, at the Canadian Forces Leadership and Recruit School (CFLRS) in the summer before they begin their studies, following which, they will start at one of the two Colleges. Following successful first year, students will choose their area of study (Mechanical Engineering, Physics, Officer selection). Those students choosing the Bachelor of Arts (International Studies) degree programme will continue their education at RMC Saint-Jean while all other Social Sciences and Humanities, Science and Engineering students will complete their year 2, 3 and 4 at RMC.

GENERAL ACADEMIC QUALIFICATIONS

To qualify for admission to the CMCs, a student must be in the process of completing or have completed secondary school at a university preparatory level (Grade 12 or the provincial equivalent). Applicants are required to have the necessary credits for admission to a university programme in which they are completing secondary education as well as meet the admission requirements for the programme they want to pursue. For admission into First Year, Quebec students enrolled in CEGEP must be completing or have completed the first year of a two-year pre-university programme and will normally be expected to have completed fourteen credit courses.

GENERAL QUALIFICATIONS

To qualify for admission to the CMCs, applicants must:

- Be at least 16 years of age at the time of nomination with parental consent
- Pass pre-enrolment tests
- Hold a high school diploma, or have completed the first year of a two-year pre-university programme in Quebec
- Have a mark of 70% in academic requirement courses
- Pass courses given in the primary language of instruction
- Be a Canadian citizen
- Meet the necessary academic qualifications
- Hold the necessary academic qualifications
- Hold the necessary academic qualifications
- Have a 75% minimum academic average in CEGEP programme or RMC Saint-Jean Prep Year. The first year of academic studies (CEGEP) in Quebec. Preparatory Year is the normal entry point for Quebec High School Graduates. Admissions prerequisites for First Year University at RMC in Kingston requires that Quebec High School students have successfully completed the first year of secondary school (i.e. CEGEP or RCM Saint-Jean Prep Year. The first year of academic studies (CEGEP) or RCM Saint-Jean. The CMCs offer 20 undergraduate degree programmes, some of which are required for specific occupations.

APPLYING IN QUÉBEC (DIRECTLY FROM SECONDARY SCHOOL)

To be admitted, applicants must meet the following conditions:

- Hold a high school diploma, or have completed the first year of a two-year pre-university programme
- Pass the Secondary 4 History course
- Meet entrance requirements of the chosen programme of collegial studies
- Have a mark of 70% in academic requirement courses
- Pass courses given in the primary language of instruction

SCIENCE PROGRAMME PREREQUISITES

- Secondary 5 Chemistry or equivalency
- Secondary 5 Physics or equivalency
- Secondary 5 Science Mathematics Option (SN) or Technical and Scientific Mathematics Option (TS)

SOCIAL SCIENCE PROGRAMME PREREQUISITES

- Secondary 5 or SN Mathematics
- A final mark of 70% or better in secondary 5 Cultural, Social, and Technical Mathematics Option (CST)
### Army

- Armour Officer
- Artillery Officer
- Electrical and Electronic Engineering Officer
- Infantry Officer
- Signals Officer
- Aerospace Engineer Officer
- Air Combat Systems Officer
- Air Operations Officer
- Communications Engineer Officer
- Construction Engineer Officer
- Marine Systems Officer
- Naval Combat Systems Officer
- Naval Warfare Officer
- Medical Officer

### Air

- Armour Officer
- Artillery Officer
- Electrical and Electronic Engineering Officer
- Infantry Officer
- Signals Officer
- Aerospace Engineer Officer
- Air Combat Systems Officer
- Air Operations Officer
- Communications Engineer Officer
- Construction Engineer Officer
- Marine Systems Officer
- Naval Combat Systems Officer
- Naval Warfare Officer
- Medical Officer

### Navy

- Armour Officer
- Artillery Officer
- Electrical and Electronic Engineering Officer
- Infantry Officer
- Signals Officer
- Aerospace Engineer Officer
- Air Combat Systems Officer
- Air Operations Officer
- Communications Engineer Officer
- Construction Engineer Officer
- Marine Systems Officer
- Naval Combat Systems Officer
- Naval Warfare Officer
- Medical Officer

### Tri-Services Occupations

- Armour Officer
- Artillery Officer
- Electrical and Electronic Engineering Officer
- Infantry Officer
- Signals Officer
- Aerospace Engineer Officer
- Air Combat Systems Officer
- Air Operations Officer
- Communications Engineer Officer
- Construction Engineer Officer
- Marine Systems Officer
- Naval Combat Systems Officer
- Naval Warfare Officer
- Medical Officer