

ASPIRING HEALERS

Session 2:

Admission requirements, how to apply and scholarships

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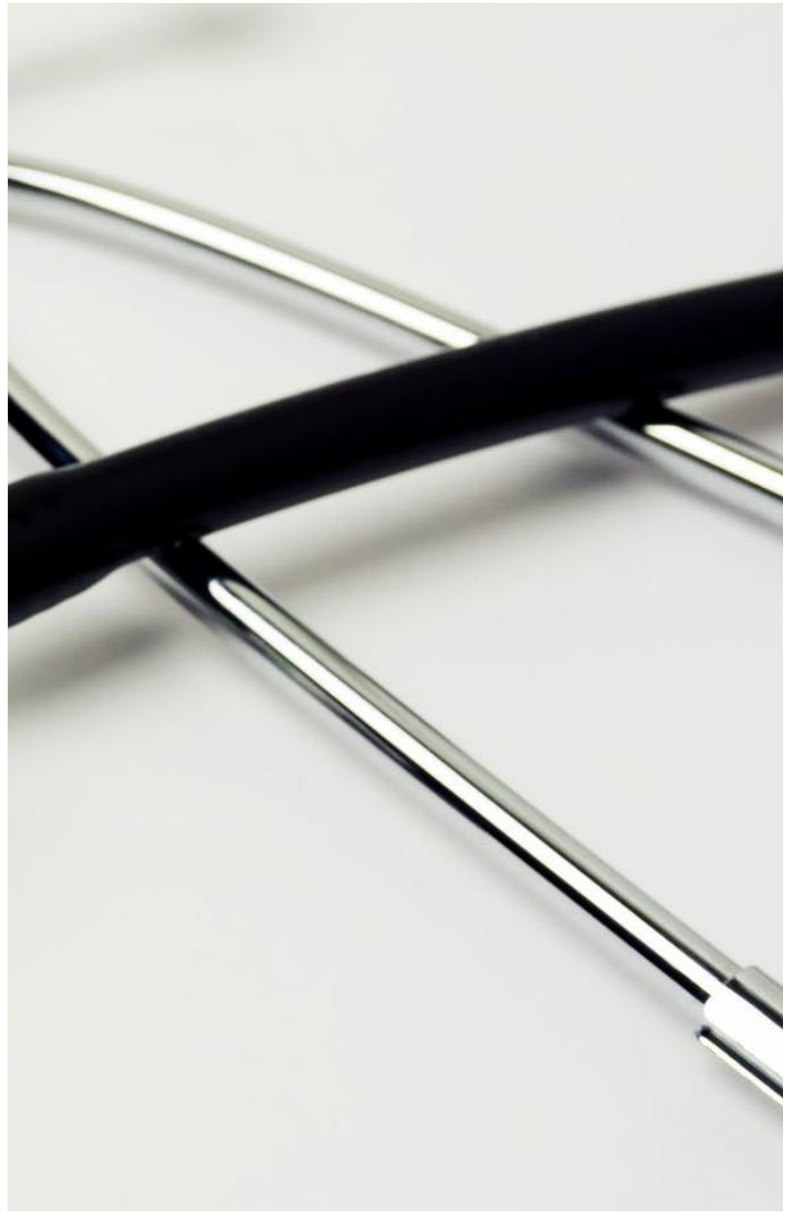
Scholarships

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Resources





UNIVERSITY PREREQUISITES ARE THE COURSES, GRADES, TESTS, OR OTHER REQUIREMENTS YOU NEED TO MEET **BEFORE YOU CAN APPLY TO OR ENTER A UNIVERSITY PROGRAM**:



HIGH SCHOOL COURSES: ENGLISH, MATHEMATICS, BIOLOGY, CHEMISTRY, PHYSICS, ETC

MINIMUM GRADES: AT LEAST 70% IN A REQUIRED COURSE

OVERALL ADMISSION AVERAGE: 80% AVERAGE ACROSS THE REQUIRED GRADE 12 COURSES

ENGLISH-LANGUAGE PROFICIENCY: SOMETIMES REQUIRED IF ENGLISH ISN'T YOUR FIRST LANGUAGE

ADDITIONAL REQUIREMENTS: SOME PROGRAMS MAY REQUIRE PORTFOLIOS, INTERVIEWS, AUDITIONS, OR SUPPLEMENTARY APPLICATIONS

The exact prerequisites **depend on the university and program you are interested in.**



HOW TO APPLY?

Follow the step-by-step guides on our website:

Sturgeon Heights - How to apply

SELF-REPORTING GRADES



Self-reporting grades is part of the admission process



Self-reporting of grades for university admission is when students provide their own academic marks on their application, which the university will later verify with official transcripts



Expected Grades – marks you believe you will attain by the end of the course



Final Grades – marks for completed Gr. 12 courses



Mid-term and final marks are submitted to universities by Sturgeon Heights Collegiate

These grades will help the institutions decide which Entrance Scholarships you are getting. It is okay to guesstimate a little higher. For example, instead of guessing a 94%, guess 95% to get you in a higher scholarship bracket.

Where can each course lead you to?

All of the courses/programs are listed alphabetically.

- view a description of the programs

- an animated image showing the program options

- any potential future studies / careers plans that studies in that program area could pursue,

Future studies and careers

University of Manitoba

RADY FACULTY OF HEALTH SCIENCES	**Interdisciplinary Health,** Bachelor of Health Sciences	4-year degree	A minimum average of 85% over the following, with no less than 60% in each course: • English 40S • Pre-Calculus Math or Applied Math 40S • Biology 40S • Chemistry 40S	Biology 40S, Chemistry 40S, Pre-Calculus Math or Applied Math 40S
	Interdisciplinary Health, Bachelor of Health Studies	4-year degree	A minimum average of 85% over the following, with no less than 60% in each course: • English 40S • Pre-Calculus Math or Applied Math 40S • Biology 40S or Chemistry 40S • A fourth academic 40S course	Biology 40S or Chemistry 40S, Pre-Calculus Math or Applied Math 40S
SCHOOL OF DENTAL HYGIENE	**Dental Hygiene,** Diploma in Dental Hygiene	2-year diploma (+1 year university studies)	Direct Entry admission is suspended for Fall 2027 and 2028. Students can apply for Advanced Entry after completing their first year in a Direct Entry program.	Chemistry 40S, Pre-Calculus Math or Applied Math 40S
DR. GERALD NIZNICK COLLEGE OF DENTISTRY	**Dentistry,** Doctor of Dental Medicine	4 years (+2 years university studies)	No Direct Entry option available.	Biology 40S, Chemistry 40S, Physics 40S, Pre-Calculus Math or Applied Math 40S
MAX RADY COLLEGE OF MEDICINE	**Medicine**, Doctor of Medicine	4-year degree (+ undergraduate degree)	No Direct Entry option available.	Grade 12 prerequisites vary based on your chosen first degree. To learn more visit **umanitoba.ca/firstyear**
COLLEGE OF NURSING	**Nursing**, Bachelor of Nursing	3 years (+1 year university studies) Accelerated delivery options available	No Direct Entry option available.	N/A
	Midwifery, Bachelor of Midwifery	3 years (+1 year university studies)		Any Math 40S
COLLEGE OF PHARMACY	**Pharmacy**, Doctor of Pharmacy	4 years (+2 years university studies)	No Direct Entry option available.	Biology 40S, Chemistry 40S, Pre-Calculus Math 40S
COLLEGE OF REHABILITATION SCIENCES	**Respiratory Therapy,** Bachelor of Respiratory Therapy	3 years (+1 year university studies)	No Direct Entry option available.	Pre-Calculus Math or Applied Math 40S

University of Manitoba

FACULTY OF KINESIOLOGY AND RECREATION MANAGEMENT

Athletic Therapy, Bachelor of Kinesiology	3 years (+1 year university studies)	No Direct Entry option available.	Any Math 40S
Kinesiology, Bachelor of Kinesiology	4-year degree	A minimum average of 85% over the following, with no less than 60% in each course: • English 40S • Pre-Calculus Math or Applied Math 40S • One of Biology 40S, Chemistry 40S, or Physics 40S • A fourth academic 40S course	Any Math 40S
Physical Education, Bachelor of Physical Education	3-year degree		N/A
Recreation Management and Community Development, Bachelor of Recreation Management and Community Development	4-year degree	A minimum average of 85% over the following, with no less than 60% in each course: • English 40S • Pre-Calculus Math or Applied Math 40S • A third academic 40S course • A fourth academic 40S course	Any Math 40S

FACULTY OF SOCIAL WORK

Social Work, Bachelor of Social Work	3 years (+1 year university studies)	No Direct Entry option available.	N/A

FACULTY OF SCIENCE

Science, Bachelor of Science *(See program list on pages 4-5)*	3-year and 4-year degree options	A minimum average of 80% over the following, with no less than 60% in each course: • English 40S • Pre-Calculus Math or Applied Math 40S • One of Biology 40S, Chemistry 40S, Computer Science 40S, or Physics 40S • A fourth academic 40S course	Grade 12 prerequisites vary by program. To learn more visit **umanitoba.ca/firstyear**

Faculty of Science

We believe in learning and doing. Cutting-edge research opportunities await, like helping to diagnose dementia for earlier treatment, combating Dutch elm disease, or pursuing the discovery of new mathematical theorems. Our students expand their understanding of the world while getting ready to leave their own imprint. A science degree can open up doors to employment in biotechnology, agricultural development, statistical analysis, conservation and wildlife management, and much more.

Anthropology

Study the evolution of humankind by examining how humans have developed and adapted, both culturally and physically, to the world around them. Specialize in cultural anthropology, archaeology, or physical anthropology, or choose an integrated program that includes all three areas.

BA 3YR / 4YR / Honours

Career pathways:

- Cultural resource conservation
- Information science
- International development

Bioanthropology

Combining aspects of anthropology with biological and physical sciences, this program teaches students to examine human biological systems of the past and present. Gain an understanding of comparative anatomy, cellular biology, and methods in human and primate evolution and obtain experience in current laboratory techniques.

BSc 3YR / 4YR / Honours

Prerequisites: Pre-Calculus or Applied Mathematics 40S and Chemistry 40S

Career pathways:

- Forensic laboratory science
- Museum science
- Hospital laboratories

Biology

Study all forms of life, from DNA to the interactions of organisms within various ecosystems. Specialize in botany, zoology, microbiology, ecology, genetics, or molecular biology.

BSc 3YR / 4YR / Honours

Prerequisites: Pre-Calculus or Applied Mathematics 40S and Chemistry 40S

Career pathways:

- Research laboratories
- Conservation and wildlife management
- Scientific publishing

THE UNIVERSITY OF WINNIPEG

Applied Computer Science

Focuses on the theory and application of computing in business and scientific environments. Develop skills in core areas such as programming, database management, and software engineering, among others.

BA 3YR / 4YR
BSc 3YR / 4YR / Honours

Prerequisites: Pre-Calculus or Applied Mathematics 40S may be required

Career pathways:

- Web development
- Database administration and security
- Systems analysis

Biochemistry

Study the chemistry of life. Investigate living systems by combining the knowledge and methodologies of biochemistry, cell biology, genetics, and microbiology with those of the physical sciences.

BSc 3YR / 4YR / Honours

Prerequisites: Pre-Calculus or Applied Mathematics 40S and Chemistry 40S

Career pathways:

- Food technology
- Pest control
- Pharmaceutical design

Chemistry

This is the essential science to the building blocks of life; it spans all aspects of our lives, from health and nutrition to scientific discoveries and the management of an environmentally sustainable world.

BSc 3YR / 4YR / Honours

Prerequisites: Pre-Calculus or Applied Mathematics 40S and Chemistry 40S

Career pathways:

- Geochemistry
- Toxicology
- Materials science

THE UNIVERSITY OF WINNIPEG

Gupta Faculty of Kinesiology and Applied Health

From a child's first step to an awe-inspiring athletic feat, we are captivated by human movement. Whether your passion is sport or health, science or fitness, explore the world of kinesiology and discover how we may optimize the potential for human performance. Graduates are prepared to enter employment in fields such as education, health and fitness promotion, athletic therapy, fitness assessment, training and exercise prescription, and personal training.

Kinesiology

Explore the study of human movement. This degree can be applied to various careers, spanning physical activity and aging, adapted physical activity (working with persons with disabilities), sport psychology, and health and fitness promotion, among others. It is also good preparation for graduate study.

BKin 4YR / Honours

Career pathways:

- Health and fitness promotion
- Personal training
- Physiotherapy

Athletic Therapy

The scope of practice of an athletic therapist is devoted to the health care of the physically active individual. This involves injury prevention, immediate care, and reconditioning of musculoskeletal injuries. UWinnipeg's AT curriculum is one of only nine programs accredited by the Canadian Athletic Therapists Association (CATA).

Note: This is not a direct entry program. Applicants must first complete 60 credit hours (two years) of prescribed courses within the Kinesiology major program. The annual application deadline for fall entry into the Athletic Therapy enhanced major program is April 1. Selection is competitive.

BSc 4YR

Career pathways:

- Athletic therapist - professional teams
- Athletic therapist - private practice
- Insurance case management

Physical and Health Education

Students thinking about teaching physical education in the school system as their career of choice should consider this integrated program. Combine kinesiology and education courses throughout five years of study to prepare to teach at the early, middle, or senior years level.

BPHE plus BEd

Prerequisites: See education requirements on p.38 of the viewbook.

Career pathways:

- Physical and health education teacher - early to senior years

THE UNIVERSITY OF WINNIPEG

Pre-Professional Studies

If you have the vision, determination, and passion to enter a profession such as medicine, dentistry, or law, start here. Our smaller class sizes, research opportunities, and strong reputation for academic excellence will give you the advantages you need when applying to your professional program of choice. All of these UWinnipeg pre-professional programs are direct entry.

Pre-professional Program	Areas of Focus	Time at UWinnipeg	Total Duration	Grade 12 Courses (40S)
Chiropractic	Biology, Chemistry, Humanities	3 years *	7 years	Required: Pre-Calculus or Applied Math and Chemistry
Dental Hygiene	Biology, Chemistry, Statistics	1 year	3 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Biology
Dentistry	Biochemistry, Physics, Statistics	2 years	6 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Physics and Biology
Health Sciences Technology	Anatomy, Biochemistry, Physics, Psychology	1 year	2-5 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Physics (May be required)

THE UNIVERSITY OF WINNIPEG

Medicine	Anatomy, Biochemistry, Physics, Psychology	3 years *	7 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Biology and Physics
Occupational Therapy	Humanities, Kinesiology, Psychology	3 years *	5 years	Required: Pre-Calculus or Applied Math Recommended: Chemistry, Biology, and Physics
Optometry	Biology, Chemistry, Calculus, Psychology	3 years *	7 years	Pre-Calculus or Applied Math and Chemistry Recommended: Physics (May be required)
Pharmacy	Biology, Calculus, Organic Chemistry, Statistics	2 years	6 years	Pre-Calculus and Chemistry Recommended: Biology
Physical Therapy	Biology, Kinesiology, Statistics	3 years *	5 years	Required: Pre-Calculus or Applied Math and Chemistry
Physician Assistant	Biochemistry, Biology, Psychology	4 years *	6 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Biology and Physics
Radiation Therapy	Biology, Physics, Statistics	1 year	4 years	Required: Pre-Calculus or Applied Math Recommended: Chemistry and Physics
Respiratory Therapy	Biology, Psychology, Statistics	1 year	4 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Biology and Physics
Social Work	Human Rights, Indigenous Studies, Women's and Gender Studies	1 year	4 years	General requirements only
Veterinary Medicine	Biology, Chemistry, Statistics	2 years	6 years	Required: Pre-Calculus or Applied Math and Chemistry Recommended: Biology and Physics

THE UNIVERSITY OF WINNIPEG

Baccalauréat en sciences infirmières

Université de Saint-Boniface

Exigences académiques

Avoir obtenu le diplôme d'études secondaires du Manitoba (ou **le diplôme équivalent d'une autre province ou d'un territoire canadien**), et avoir obtenu une moyenne ajustée minimale de 70% dans l'ensemble des cours suivants (ou **les équivalents**)

- Français 40S avec une note minimale de 60%
- Anglais 40S avec une note minimale de 60%
- Mathématiques appliquées ou Précalcul 40S avec une note minimale de 60%
- Biologie 30S avec une note minimale de 65%
- Biologie 40S ou Chimie 40S avec une note minimale de 65%

Exigences non académiques

Toutes les offres d'admission au baccalauréat en sciences infirmières sont conditionnelles dans un premier temps, jusqu'à ce que tu aies rempli une série d'exigences non académiques, telles qu'une preuve de vaccinations, vérification du casier judiciaire, formation aux premiers soins, etc.

Tu recevras des informations détaillées sur ces exigences non académiques après avoir reçu ton offre d'admission conditionnelle, le cas échéant. Le Guide des exigences non académiques offre un bon aperçu de ce qui t'attend.

Baccalauréat en travail social

Université de Saint-Boniface

Exigences académiques

- Avoir obtenu au moins 30 crédits universitaires avec une moyenne cumulative minimale de 2,50

OU

Avoir une moyenne ajustée de 2,50. La moyenne ajustée est calculée en tenant compte des cours académiques les plus récents. Elle permet l'élimination de certaines des notes les plus basses. Si une personne étudiante a complété entre 36 à 59 crédits universitaires, 6 crédits de cours avec notes les plus basses seront éliminés dans le calcul de sa moyenne ajustée. Si une personne étudiante a complété plus de 60 crédits universitaires, la moyenne ajustée sera calculée sur les plus récents 60 crédits universitaires complétés jugés acceptables, moins douze (12) crédits de cours avec notes les plus basses.

- Avoir complété les cours préalables suivants :
- 3 crédits en mathématiques
- 6 crédits de français parmi les cours suivants : FRAN 1007, FRAN 1009, FRAN 1021, FRAN 1111, FRAN 1091
- Il est fortement recommandé d'avoir aussi complété les cours préalables suivants
- PSYC 1211 (Introduction à la psychologie I) ou PSYC 1221 (Introduction à la psychologie II) avec une note minimale de C
- SOC 1211 (Introduction à la microsociologie) ou SOC 1221 (Introduction à la macrosociologie) avec une note minimale de C

Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie

Université de Saint-Boniface

Avoir complété 30 crédits universitaires incluant les cours suivants :

- CHEM 1111 Introduction à la chimie 2 : Interaction, réactivité et propriétés chimiques avec une note minimale de C+ (2,50)
  CHEM 1121 Introductions aux techniques chimiques et BIOL 1021 Biologies I : Thèmes et principes) avec une note minimale de C (2,00)

Avoir préférablement complété les cours d'introduction requis au programme de majeure conjointe, y compris :

- BIOL 1031 Biologie II : Diversité biologique, fonction et interactions
- CHEM 1101 Introduction à la chimie 1 : Structures atomiques et moléculaires, et énergie chimique
- MATH 1501 (Introduction au calcul)
- STAT 1001 (Analyse statistique de base I)
- PHYS 1021 (Physique générale I) ou PHYS 1051 (Physique I : L mécanique
- Un autre cours 40S

Avoir une moyenne pondérée cumulative de programme (MPCP) d'au moins 2,00 (C) indépendamment du point d'entrée, et satisfaire aux conditions de poursuite des études (seuil de rendement).

Baccalauréat ès sciences général

Université de Saint-Boniface

Détenir un diplôme d'études secondaires du Manitoba et avoir obtenu une moyenne minimale de 85 % aux cours suivants avec une note minimum de 60 % pour chaque cours (ou le diplôme et les cours **équivalents d'une autre province ou d'un territoire canadien**.

- Un cours de français 40S
- Précalcul 40S (recommandé pour satisfaire aux préalables des cours de première année) ou Mathématiques appliquées 40S
- Un cours 40S en sciences (biologie, chimie, informatique ou physique)

À noter : Avoir suivi les cours de biologie et chimie ou physique 40S est fortement recommandés pour satisfaire aux préalables des cours de première année.

Certificat d'aide en soins de santé

- Détenir un diplôme d'études secondaires du Manitoba (ou **l'équivalent d'une autre province ou territoire canadien**).
- Avoir réussi un cours de français 40S ou 40G et un cours d'anglais 40S.

Diplôme en sciences infirmières auxiliaires

Université de Saint-Boniface

Exigences académiques

Avoir obtenu le diplôme d'études secondaires du Manitoba (ou **le diplôme équivalent d'une autre province ou d'un territoire canadien**), et avoir obtenu une moyenne ajustée minimale de 70 % dans l'ensemble des cours suivants (ou les équivalents) :

- Français 40S avec une note minimale de 60 %
- Anglais 40S avec une note minimale de 60 %
- Mathématiques appliquées ou Précalcul 40S avec une note minimale de 60 %
- Biologie 30S avec une note minimale de 65 %
- Biologie 40S ou Chimie 40S avec une note minimale de 65 %

Exigences non académiques

Toutes les offres d'admission au diplôme en sciences infirmières auxiliaires sont conditionnelles dans un premier temps, jusqu'à ce que tu aies rempli une série d'exigences non académiques, telles qu'une preuve de vaccinations, vérification du casier judiciaire, formation aux premiers soins, etc.

Tu recevras des informations détaillées sur ces exigences non académiques après avoir reçu ton offre d'admission conditionnelle, le cas échéant. Mais si tu souhaites te faire une idée de ce qui t'attend, tu peux consulter le **Guide des exigences non académiques**.

Medical Radiologic Technology

ADVANCED DIPLOMA

RRC POLYTECH

This program has an application deadline of February 1

APPLY TODAY ADMISSION REQUIREMENTS →

UPCOMING EVENTS SEE ALL EVENTS

Medical Radiologic Technology Information Session

November 24, 2026 REGISTER →

Combine your attention to detail with innovative imaging technology to help understand health and ensure accurate treatment.

Program Type
Full-time

Credential
Advanced Diploma

Program Delivery
In-person hybrid

In-person Location
Notre Dame Campus

Intake
Fall

Program Length
28 months

Total Tuition / Fees for Courses
$13,800 - $15,180

How to Enrol

Medical Radiologic Technology

This is a Special Selection program. Your Readiness Video will be evaluated and assigned a score that reflects your potential for success in the program. Offers of admittance will be made to qualified applicants based on Readiness Video scores in descending order until all available seats are filled. This means not all applicants whose scores fall within acceptable range will be offered a seat.

Applicants not offered a seat may reapply for a future intake by submitting a new application, application fee, and new Program Readiness Video for that application year.

Application Deadline February 1

Admission Requirements

1. **Grade 12**
    - Submit proof of graduation from or enrolment in Grade 12 including one credit in each of the following courses:
        - Applied Math 40S or Pre-Calculus Math 40S
        - Biology 40S
        - Physics 40S
        - English 40S
        - A minimum grade of 80% is required in each course
    - If you provide proof of enrolment at time of application, your official final grades indicating successful completion and required grades must be submitted by July 15 for fall enrolment

RRC POLYTECH

Diagnostic Medical Sonography - Ultrasound

1. **Post-Secondary Education**
   - Submit proof of having successfully completed 18 or more credits of diploma/degree-level (1000 level or higher) post-secondary education including:
     - 12 or more credits of Science
     - A maximum of 6 credits of Arts and Humanities may be applied towards the required 18 credits
   - **A minimum grade of C+ is required in each course.**
   - Diploma/degree-level (1000 level or higher) courses approved by the degree granting institution as meeting Science or Arts and Humanities requirements will be accepted. However, Human Anatomy and Physiology (6-credits) and Medical Terminology (3-credits) cannot be used to fulfill this requirement
     and

2. **Human Anatomy and Physiology (6-credits)**
   - Submit proof of successful completion of 6-credits of acceptable Human Anatomy and Physiology courses. For a list of recommended courses, **click here**
   - Courses must include a lab component
   - **A minimum grade of C+ is required in each course.**
   - You must have completed the course(s) within the last five academic years of your application date. For example:
     - If you apply to RRC Polytech for the Fall 2027 start date your course(s) must have been completed in the Fall 2021/Winter 2022 academic year or later

RRC POLYTECH

Dental Assisting

Grade 12

- Submit proof of graduation from or enrolment in Grade 12, including one credit in each of the following:
  - Grade 12 English (40S)
  - Grade 12 Math (40S)
  - Grade 12 Science (40S) (Biology 40S is recommended)
- If you provide proof of enrolment at time of application, your official final grades indicating successful completion must be submitted by July 15 for fall enrolment or by the deadline specified in your admission letter

Health Care Aide

Grade 12

- Submit proof of graduation from or enrolment in Grade 12, including one credit in each of the following:
  - Grade 12 English (40S)
  - Grade 12 Math (40S)
  - Grade 10, 11 or 12 Science (20F, 30S or 40S)
- If you provide proof of enrolment at time of application, your official final grades indicating successful completion must be submitted by July 15 for fall enrolment or by the deadline specified in your admission letter

RRC POLYTECH

Health Care Aide and Personal Support Worker

Grade 12

- Submit proof of graduation from or enrolment in Grade 12, including one credit in each of the following:
  - Grade 12 English (40S)
  - Grade 12 Math (40S)
  - Grade 11 Biology (30S) or Grade 12 Biology (40S) ***Currently being waived.**
- If you provide proof of enrolment at time of application, your official final grades indicating successful completion must be submitted by July 15 for fall enrolment or by the deadline specified in your admission letter.

Health Information Management

Grade 12

- Submit proof of graduation from or enrolment in Grade 12, including one credit of:
  - Grade 12 Biology (40S) or Chemistry (40S)
  - Grade 12 Applied Math (40S) or Pre-Calculus Math (40S) is not required but is strongly recommended
- If you provide proof of enrolment at time of application, your official final grades indicating successful completion must be submitted by July 15 for fall enrolment or by the deadline specified in your admission letter

RRC POLYTECH

Medical Assistant

Grade 12

- Submit proof of graduation from or enrolment in Grade 12, including one credit in each of the following:
  - Grade 12 English (40S)
  - Grade 12 Math (40S)
  - Grade 11 Biology (30S) or Grade 12 Biology (40S) ***Currently Being Waived**
- If you provide proof of enrolment at time of application, your official final grades indicating successful completion must be submitted by July 15 for fall enrolment or by the deadline specified in your admission letter.

Medical Laboratory Sciences

Grade 12

- Submit proof of graduation from or enrolment in Grade 12 including one credit in each of the following courses:
  - Applied Math 40S or Pre-Calculus Math 40S
  - Biology 40S
  - Chemistry 40S
  - English 40S
  - **A minimum grade of 80% is required in each course**

Program Readiness Video

- **Video specifications and instructions can be found here**
- This item is not due within 15 days of applying and will be requested by the college at a later date

RRC POLYTECH

Medical Radiologic Technology

Grade 12

- Submit proof of graduation from or enrolment in Grade 12 including one credit in each of the following courses:
  - Applied Math 40S or Pre-Calculus Math 40S
  - Biology 40S
  - Physics 40S
  - English 40S
  - **A minimum grade of 80% is required in each course**

Program Readiness Video

- **Video specifications and instructions can be found here**
- This item is not due within 15 days of applying and will be requested by the college at a later date

Pharmacy Technician

Grade 12

- Submit proof of graduation from or enrolment in Grade 12, including one credit in each of the following:
  - Grade 12 English (40S) with minimum grade of 60%
  - Grade 12 Math (40S) with minimum grade of 60%
  - Grade 12 Biology (40S) with minimum grade of 60%
  - Grade12 Chemistry (40S) with minimum grade of 60%

RRC POLYTECH

Nursing

Academic Requirements

The College requires submission of transcripts verifying your complete academic history including any public or private high school, college, university, or technical institute you have attended. The College will determine which of the following two categories you fall under:

- **High School Applicant (HSA) Category**
  - Submit proof of successful completion (graduation) of Grade 12, including one credit in each of the following courses:
    - Grade 12 English (40S)
    - Grade 12 Applied Math or Pre-Calculus Math (40S) (other Math courses including Essentials Math is not accepted)
  - A minimum grade of 70% or 'B' is required in each of English and Math
  - University English (ENGL) and Math (MATH) 1000 level courses that are a minimum of 3 credit hours may also be accepted. Note: if you have completed 24 or more credits of degree/diploma level (1000 level or higher) post-secondary education your application will be processed under the Post-Secondary Applicant category.
  - If you are required to complete an English language assessment, do not submit your transcripts until requested to do so. See Regular Admission Requirement 3 for more information.

RRC POLYTECH

Veterinary Technology

Grade 12

- Submit proof of graduation from or enrolment in Grade 12 including one credit in each of the following:
  - Grade 12 English (40S)
  - Grade 12 Applied Math or Pre-Calculus Math (40S) (Grade 12 Essential Math or Consumer Math do not meet the requirements for this program)
  - Grade 12 Chemistry (40S)
  - Grade 11 Biology (30S)

Recent Volunteer or Work Experience

- Submit **Volunteer/Work Experience Form(s)** as proof of completion of 80 hours of occupational familiarization to veterinary medicine and veterinary technology. This must include a minimum of 8 hours working with large animals such as horses, cattle, and/or swine. **This form was updated in January 2025. Please ensure you are completing and submitting the most up to date form for your application.**
- Hours must be completed at a veterinary clinic or offsite location (i.e. a dairy barn), working alongside a veterinarian or veterinary technologist.
- Hours must have been completed within the past 12 months.
- The College does not arrange volunteer or work experience placements with veterinary clinics, or recommend specific clinics. We recommend you contact veterinary clinics directly to enquire about possible volunteer or employment opportunities to assist you in completing the required 80 hours of experience.

RRC POLYTECH

Top 5 Universities/Colleges in Canada



1. British Columbia Institute of Technology (BCIT)

Burnaby, British Columbia

Best for: Technical and diagnostic healthcare careers.

- Medical Laboratory Science diploma — approximately 2.5 years.
- Extensive laboratory and clinical training.
- A pathway toward working as a medical laboratory technologist.



2. Southern Alberta Institute of Technology (SAIT)

Calgary, Alberta

Best for: Applied healthcare and technical training.

- Medical laboratory and health sciences training options.
- A practical, career-focused polytechnic learning environment.
- Worth considering if you prefer studying in Alberta.

SAIT's medical laboratory programs are listed in Canada's health education accreditation directory.

Top 5 Universities/Colleges in Canada



3. Red River College Polytechnic (RRC Polytech)

Winnipeg, Manitoba

Best for: Healthcare training in Manitoba.

- Medical Laboratory Sciences advanced diploma.
- Health Unit Clerk certificate.
- Clinical placements and hands-on learning.

The Medical Laboratory Sciences program includes clinical training and prepares eligible graduates for the relevant entry-to-practice examination. The Health Unit Clerk certificate is a shorter, four-month option.



4. George Brown Polytechnic

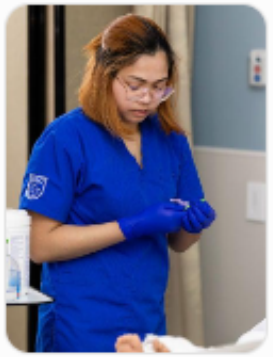
Toronto, Ontario

Best for: Nursing and direct patient care.

- Practical Nursing diploma — two years.
- Pre-Health Sciences certificate pathway.
- Laboratory-based learning and supervised clinical placements.

Its Practical Nursing program is approved by Ontario's nursing regulator, the College of Nurses of Ontario.

Top 5 Universities/Colleges in Canada



5. Northern Alberta Institute of Technology (NAIT)

Edmonton, Alberta

Best for: Medical technology and diagnostic careers.

- Medical Laboratory Technology.
- Medical Radiologic Technology.
- Career-oriented technical education in healthcare.

NAIT is another institution worth investigating for specialized diagnostic training; check the individual program's current credential, admission requirements and accreditation before applying.

Honorable mentions:

- University of Toronto
- McGill University
- McMaster University
- Western University

OUTSIDE OF MANITOBA

Popular careers across Canada

Medical Laboratory Technology: BCIT British Columbia

Practical Nursing: College of New Caledonia British Columbia

Medical Office Administration: Douglas College British Columbia



1. Medical Laboratory Technology

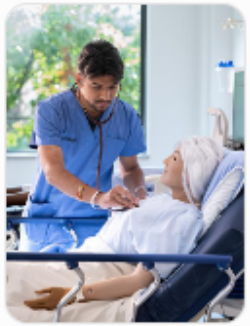
Diagnostic healthcare

Typical duration: 2–3 years

What you learn: Laboratory testing, analyzing blood and other specimens, and supporting disease diagnosis.

Career options: Medical laboratory technologist, subject to applicable certification and registration requirements.

Why consider it: A good option if you enjoy science, laboratory work and contributing to patient care without necessarily working directly with patients every day.



2. Practical Nursing

Direct patient care

Typical duration: About 2 years

What you learn: Patient assessment, nursing skills, medication administration, and care for people in hospitals and community settings.

Career options: Licensed practical nurse (LPN), called a registered practical nurse (RPN) in Ontario, subject to provincial licensing.

Why consider it: A strong choice if you want a hands-on healthcare career and enjoy working with people.



3. Medical Office Administration

Healthcare administration

Typical duration: About 6–12 months, depending on the credential.

What you learn: Appointment scheduling, medical terminology, patient records, billing and office procedures.

Career options: Medical office assistant, clinic receptionist or medical administrative assistant.

Why consider it: A shorter route into healthcare settings, usually without the clinical training required for nursing or laboratory careers.

OUTSIDE OF CANADA

1. Harvard University
Boston, Massachusetts
Excellent for medicine, biomedical research, public health and advanced clinical training.
Harvard University

2. Johns Hopkins University
Baltimore, Maryland
Particularly strong in medicine, nursing, public health and medical research.
Johns Hopkins University

3. Stanford University
Stanford, California
Known for medical innovation, biomedical science, technology and physician training.
Stanford University

4. University of Pennsylvania
Philadelphia, Pennsylvania
A strong choice for medicine, nursing, healthcare research and interdisciplinary health sciences.
University of Pennsylvania

5. Mayo Clinic College of Medicine and Science
Rochester, Minnesota, and other locations
Especially worth considering for allied health careers, clinical laboratory science, diagnostic specialties and other healthcare professions. It offers more than 200 health sciences education programs.
Mayo Clinic College

SCHOLARSHIPS

COLLÈGE STURGEON HEIGHTS COLLEGIATE

- Academic Achievement
- Community Service
- Extra-Curricular Involvement
- Cultural Connections (ex. MB Metis Federation, *Building Brighter Futures* for First Nation, Inuit and Métis Students, Filipino, Jewish, Ukrainian, etc.)
- *Specific Careers*: Nursing, Dentistry, etc.
- *Workplace*: Check with your place of work / your parents' place of work
- *Keywords*: animal scholarship, rural scholarship, etc.
- Please watch for deadlines!

SCHOLARSHIPS

COLLÈGE STURGEON HEIGHTS COLLEGIATE

- Get started early. And be disciplined.
- Get reference letters early
- Begin writing application essay
- Be accurate, complete, personal and specific
- Proofread your application (ask for help!)
- Keep your contact information current
- Use a proper email address
- Do not use your Sturgeon Heights address
- Check your email account frequently
- Continue applying

- **Tons of money go unclaimed every year**



CAREER EXPLORATION

- Website: **Xello.world**
- To log in: *School ID*
- Password: *School IT password*

- This website offers a wealth of information on careers, including career profiles, resume and cover letter information, job-seeking advice, and much more.



FUTURE EXPLORATION

- Website: www.chatterhigh.com
- Create an account (use your school email address)

- This website helps you
  - become more financially responsible
  - discover different careers
  - learn more about the use and the impact of AI
    - And so much more…

USEFUL RESOURCES

- **University of Manitoba:**

  https://umanitoba.ca/admissions/apply-um

- **University of Winnipeg:**

  https://www.uwinnipeg.ca/future-student/apply/ready-to-apply.html

- **Red River College Polytechnic:**

  https://rrcca.elluciancrmrecruit.com/Apply/Account/Login?ReturnUrl=%2fApply

- **Université de St. Boniface:**

  https://ustboniface.ca/demande-admission