



PRE-PROFESSIONAL STUDIES

PRE-HEALTH SCIENCES TECHNOLOGY

Health Sciences Technology programs include the areas of Medical Laboratory Science, Medical Radiologic Technology, and Diagnostic Medical Sonography – Ultrasound.

The University of Winnipeg is an excellent place for you to fulfill the admission requirements for the health science technology programs at RRC Polytech and other colleges or universities across Canada.

SAMPLE CAREERS

Medical Laboratory Sciences: Perform a variety of tests in medical laboratories. For more information, see the Canadian Society for Medical Laboratory Science website at www.csmls.org

Medical Radiologic Technology: Use x-ray equipment to produce images of a body part or system. Please visit the Canadian Association of Medical Radiation Technologists website at www.camrt.ca

Diagnostic Medical Sonography - Ultrasound: Conduct ultrasound examinations, focusing on areas such as obstetrics and gynecology, abdomen and superficial structures, and vascular sonographic studies. For more information, see www.sonographycanada.ca.

YOUR EDUCATION

Preparatory Studies at The University of Winnipeg

Each college or university that offers health sciences technology programs has its own entrance requirements. To meet the entrance requirements at RRC Polytech, you must **complete 27 credit hours of preparatory study, including the “Preparatory Requirements” outlined on page 2**. You will also need to be prepared to take the RRC’s Casper Test which assesses applicants for non-academic attributes or people skills.

Note: You must consult with the school where you plan to complete your studies to ensure you choose an appropriate set of courses, and that you will meet the entrance requirements for your health sciences technology program of choice.

Studies in Health Sciences

At the end of your preparatory studies at The University of Winnipeg, you will apply for admission to a university or college program in Medical Laboratory Sciences, Medical Radiologic Technology or Diagnostic Medical Sonography-Ultrasound.

At least two more years of full time study are usually required to complete the diploma programs.

PREPARTORY REQUIREMENTS

The following are University of Winnipeg Courses that satisfy entrance requirements for RRC Polytech Medical Laboratory Sciences, Medical Radiologic Technology and Ultrasound - Diagnostic Medical Sonography. Students will be required to complete a minimum of 27 credit hours, including:

BIOL-1112 (6) Human Anatomy and Physiology with a minimum grade of 65% or “C+”

CLAS-2850/ KIN-2850 (3) The Classical Roots of Medical Terminology with a minimum grade of 65% or “C+”

PLUS:

18 credit hours of elective courses with minimum of **12 credit hours in Science**

Note: Students must have a minimum C+ in *all* courses (including electives and science requirement) to be considered for admission.

Please see RRC Polytech’s Admission Requirements for complete details. Additional non-academic requirements must be met before applying to the above programs.

<https://catalogue.rrc.ca/Programs/WPG/Fulltime/MEDSF-DP/AdmissionRequirements>

As part of the admission process, you will be required to take the [Casper test](#). For students seeking admission for Fall 2025, the deadline to do this is April 8, 2025.

REQUIRED HIGH SCHOOL COURSES

You must meet The University of Winnipeg’s general admission requirements. In addition, it is recommended that you have Pre-Calculus Mathematics 40S or Applied Mathematics 40S and Chemistry 40S to register for certain university level Sciences courses.

What if I don’t have these high school courses? You can still pursue your pre-professional studies, but you might not be able to enroll in certain courses until you obtain the pre-requisites. There are two ways you can do this here: take foundation courses at UWinnipeg that are equivalent to high school-level math and science (MATH-0041 & MATH-0042; CHEM-0100) or complete high school courses at The Collegiate.

HOW TO APPLY

For details on application requirements and deadlines, and to apply online, please visit: uwinnipeg.ca/apply.

Note: Admission to UWinnipeg does not guarantee admission to a Health Sciences technology program.

(In any case where the University’s Academic Calendar and this fact sheet differ, the current Calendar takes precedence.)

CONTACT US

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