



THE UNIVERSITY OF WINNIPEG

For more information visit www.uwinnipeg.ca or contact a student recruitment officer at welcome@uwinnipeg.ca or 204.786.9844. In any case where The University of Winnipeg Course Calendar and this fact sheet differ, the current Calendar takes precedence.

Pre-Medical Technology 2012 - 2013

This program offers the courses, supports, and challenges needed to prepare you for the competitive selection process for admission to medical technology programs.

You have the motivation, precision, and passion to become a Medical Laboratory Technologist, Radiation Therapist, or Radiological (X-Ray) Technologist, and you're looking for the right place to take the preparatory studies that are required for admission to college programs in these areas. Come to The University of Winnipeg for your preparatory studies and put our small class sizes, community atmosphere, central location, and reputation for excellence to work for you.

Our campus is located in the heart of downtown Winnipeg – close to Winnipeg's medical library, major hospitals, research centres, and labs such as the National Microbiology Laboratory and the National Research Council's Institute for Biodiagnostics; it's a great location for studying, volunteering, research, and entertainment.

As a University of Winnipeg student, you will get to know your professors and other students because of our small classes and community atmosphere. Our excellent professors—including five Canada Research Chairs—are supportive and accessible, contributing to the many successes of our students.

SAMPLE CAREERS

Medical Laboratory Technologists perform a variety of tests in medical laboratories. **Diagnostic Cytology**, an area of specialization in Medical Laboratory Technology, is the observation of cells to detect cancer. Read more about this career and training programs on the Canadian Society for Medical Laboratory Science website at www.csmls.org

Radiation Therapists prepare, plan, and deliver radiation treatments to patients who have cancer. Read more about this career and training programs on the Canadian Association of Medical Radiation Technologists website at www.camrt.ca

Radiological (X-Ray) Technologists use x-ray equipment to produce images of a body part or system. Read more about this career and training programs on the Canadian Association of Medical Radiation Technologists website at www.camrt.ca

YOUR EDUCATION

Preparatory Studies at The University of Winnipeg

The University of Winnipeg is an excellent place for you to fulfill the admission requirements for medical technology programs at Red River College, CancerCare Manitoba, Health Sciences Centre, and other colleges or universities across Canada.

Each college or university that offers medical technology programs has its own entrance requirements. To meet the entrance requirements for Medical Laboratory Sciences or Medical Radiologic Technology at Red River College, for Radiation Therapy at Red River College and CancerCare Manitoba, or for the Health Sciences Centre School of Diagnostic Cytology, you must complete **24 to 27 credit hours (one year)** of preparatory study, including the "Preparatory Requirements" outlined below.

NOTE: You must consult with the school where you plan to complete your studies to make sure that you choose an appropriate set of courses and that you will meet the entrance requirements for your medical technology program of choice.

Studies in Medical Technology

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

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

PREPARATORY REQUIREMENTS

Most students who take preparatory studies at The University of Winnipeg will apply for admission to Medical Laboratory Sciences or Medical Radiologic Technology at Red River College, to Radiation Therapy at Red River College and CancerCare Manitoba, or to the Health Sciences Centre School of Diagnostic Cytology.

Entrance requirements for Red River College

Medical Laboratory Sciences:

24 credits from a recognized college or university, including:*

3 credits General Chemistry

3 credits Intro to Physical Chemistry *OR* Intro to Organic Chemistry

6 credits Anatomy & Physiology

6 credits Biology

3 credits Basic Statistical Analysis

3 credits Communications

AND

Completion of one day of occupational familiarization (an observation experience) to the Medical Laboratory Science profession at a hospital or medical laboratory clinic - to be arranged by RRC.

AND

Submission of up-to-date immunization records

After notice of acceptance, evidence of current certification in Standard First Aid and Basic Rescuer level of CPR is required.

**A listing of post-secondary sciences equivalencies is available at*

<http://www.rrc.mb.ca/files/File/catalogue/AlliedHealthEquivalencies.pdf>

NOTE: Transcripts of your credits must be submitted directly from the college or university.

Entrance requirements for Red River College Radiation Therapy:

These are minimum requirements. Preference will be given to applicants with high academic achievements.

24 credits of post-secondary education* from a recognized college or university including Introduction to Physics (6 credits), Anatomy and Physiology (6 credits), Introduction to Sociology (6 credits), Basic Statistical Analysis (3 credits), and Communications (3 credits).

AND

Satisfactory reading proficiency, as measured by a reading test administered by the College.

and

Completion of a CancerCare Manitoba (CCM) application form and short autobiography. Details on this requirement will be sent to the applicant once an application form and supporting education documents are received.

AND

Attendance at an information tour and interview conducted by the selection committee of CancerCare Manitoba.

AND

Submission of immunization records. After notice of acceptance, submission of current certification in Standard First Aid and Basic Rescuer level of CPR to CancerCare Manitoba is required.

For entrance requirements Health Sciences Centre School of Diagnostic Cytology contact:

Educational Coordinator, School of Diagnostic Cytology

Health Sciences Centre, 820 Sherbrook St, Winnipeg MB R3A 1R9

Phone: 204.787.2303

Fax: 204.787.1790

Email: lkendrick@hsc.mb.ca

YOUR FIRST YEAR

We are committed to helping you have a smooth transition from high school to university. You will attend a First Year Survival Session and other orientation sessions to prepare you for university life and introduce you to the facilities and services you will need on campus. A first year Academic Writing course will help you develop clear and concise communication skills, and—in case you need it—our Learning Centre offers free tutoring in chemistry, math, and physics.

YOUR SUCCESS

The University of Winnipeg has a rich history of academic excellence, and a reputation for providing thorough preparation for programs at other universities and colleges. We offer the courses, supports, and challenges you will need to prepare for the competitive selection process for admission to medical technology programs and to build a rewarding, successful career.

IN CASE YOU CHANGE YOUR MIND...

If you change your mind about your studies, all of your first year courses can be used toward a university degree. You may wish to consult with an Academic Advisor or an instructor from your area of interest to formulate a new study plan.

REQUIRED HIGH SCHOOL COURSES

You must meet The University of Winnipeg's general admission requirements. In addition, the following high school courses are required:

For Medical Laboratory Sciences and Diagnostic Cytology:

Chemistry 40S and either Pre-Calculus Mathematics 40S *or* Applied Mathematics 40S

For Medical Radiologic Technology:

Chemistry 40S and either Pre-Calculus Mathematics 40S *or* Applied Mathematics 40S. Physics 40S and Pre-Calculus Mathematics 40S may be required, depending on the Physics course you select.

For Radiation Therapy:

Physics 40S and either Pre-Calculus Mathematics 40S *or* Applied Mathematics 40S may be required, depending on the Physics and Statistics courses you select.

HOW TO APPLY – Domestic Student

Apply online at uwinnipeg.ca or pick up an Application for Admission from your high school counsellor's office or the Admissions Office at The University of Winnipeg. To meet Scholarship deadline submit your application and \$80 application fee.

HOW TO APPLY – International Student

Apply online at uwinnipeg.ca/index/intl-apply and submit all official documents by mail. To meet Scholarship deadline submit application, fee, and documents by March 1st. International application fee is \$100, which includes a one-time courier fee.

NOTE: Admission to The University of Winnipeg does not guarantee admission to medical technology programs. You are responsible to research and apply for admission to your medical technology program of choice.

CONTACT US

Student Recruitment & Institutional Relations

Phone: 204.786.9844

Email: welcome@uwinnipeg.ca



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