

Bachelor of Science in Radiation Therapy

PROGRAM DETAILS

The Radiation Therapy Degree program is an accredited program and students who complete this are eligible to write the [CAMRT national certification examination](#) in Radiation Therapy. The program is a year round, full-time program with clinical, didactic and research components. The program's mission is to prepare practitioners who:

- Engage in a critical, comprehensive, evidence-based practice
- Maintain the highest quality of technical expertise and provide compassionate clinical care
- Demonstrate leadership in interprofessional collaborations and partnerships
- Engage in lifelong learning
- Advance the profession through innovation and scholarship
- Adapt to a dynamic professional environment
- Demonstrate social responsibility through community engagement

RECOMMENDED ALBERTA HIGH SCHOOL COURSES (OR EQUIVALENT)

- English Language Arts 30-1
- Biology 30
- Chemistry 30
- Math 30-1
- Physics 30

PRE-PROFESSIONAL COURSE REQUIREMENTS

The following 30 units of course weight of pre professional coursework are required.

Course Requirement	Acceptable UAlberta Courses
English (3 units)	ENGL 1XX
General Chemistry (3 units)	CHEM 101 or CHEM 103
Organic Chemistry (3 units)	CHEM 261 or CHEM 264
Cell Biology (3 units)	BIOL 107 and BIOL 201/CELL 201

Physics (6 units)	PHYS 124 and PHYS 126
Calculus (3 units)	MATH 134 or 144
Statistics (3 units)	STAT 151 or equivalent
Psychology/Sociology (3 units)	PSYCH 104, 105, or equivalent OR SOC 100 or equivalent
Recommended: Physiology (6 units)	PHYSL 210

The required courses or their transfer equivalents are available at various postsecondary institutions. For equivalencies visit [Transfer Alberta](#) or the [UAlberta Transfer Credit Search Tool](#).

OTHER REQUIREMENTS

- **Indigenous Canada:** Completion of [University of Alberta's Native Studies 201](#) (NS 201) or the [Indigenous Canada Certificate](#) through Coursera
- **Spoken Language Requirement:** All applicants must meet the [English Language Proficiency and Spoken English requirements](#).
- **Career Reflection Letter:** Personal reflection regarding career choice, professional goals, personal skills and attributes, knowledge of the profession, related experience and reasons for seeking admission to the Radiation Therapy program. For more detailed criteria for submission, please review our [admissions information](#). **Deadline is April 1.**
- **Personal Interview:** Selected applicants will be interviewed to evaluate characteristics such as: communication, professionalism, decision making, team-work, conflict resolution, responsibility, initiative, problem-solving, prioritization, and organization.
- **Technical Standards Self-Assessment:** Complete the questionnaire contained in Appendix A after reviewing the [Radiation Therapy Program Technical Standards Self-Assessment and Details](#) document.

Note: For further details regarding other requirements please refer to the [Calendar](#).

QUOTA

The current quota for the BScRT is 15 seats annually. Due to the [Canadian Nuclear Safety Commission](#) regulations, we are unable to accept applications from international students. Applicants must be Canadian Citizens or Permanent Residents of Canada.

Note: Because the number of candidates who meet the minimum requirements for admission exceeds the quota, it should be understood that eligibility does not guarantee admission. Admission is determined on a competitive basis.

IMPORTANT DATES

Application Deadline: March 15, 2025

Career Reflection Letter Deadline: April 1, 2025

Personal Interview Process: Early May, 2025 (shortlisted candidates will be notified)

Documents Deadline: June 15, 2025

Post-Acceptance Requirements:

- Submission of a non-refundable deposit
- [Police Information Check including Vulnerable Sector Check](#)
- Mandatory Student Orientation
- [Mandatory N-95 Respirator Fit Testing](#)
- CPR and Immunizations to be completed prior to the end of term 2. Students are responsible for the associated costs.

Students will participate in clinical practicums at one of the main Radiation Therapy clinics in Alberta: the [Cross Cancer Institute in Edmonton](#) and/or the [Arthur J.E. Child Comprehensive Cancer Centre](#) in Calgary. Additional brief clinical placement experiences may also take place at any of the secondary clinical placement sites ([Jack Ady Cancer Centre](#) in Lethbridge, [Central Alberta Cancer Center](#) in Red Deer, or [Grande Prairie Cancer Centre](#)). Clinical Practicum sites are not guaranteed to any individual student. Students are responsible for their transportation to clinical placements and for the costs of travel, living and accommodations.

FAQ

Visit our [FAQ page](#) for answers to common questions about the program.

CONTACT

Radiation Therapy Program

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