Bachelor of Science in Radiation Therapy
2020-2021 Admission Requirements

Program Details: The Bachelor of Science in Radiation Therapy program combines theoretical knowledge, clinical experience and the latest technology to prepare you for a constantly evolving and rewarding career as a radiation therapist. Areas of study include cancer biology, radiation oncology, clinical oncology, clinical management of patients with cancer, medical physics, treatment planning, radiobiology, cross sectional anatomy, radiation safety, and research. Students gain clinical knowledge through a coordinated experiential program consisting of clinical simulation courses and clinical practicums. A BScRT degree takes four years to complete and includes a first year of pre-professional study that is completed prior to admittance to the program.

Quota: The Radiation Therapy program has a quota of 15 students, including one position for Aboriginal applicants. The program has one intake in the fall semester.

Minimum Standards: All pre-professional courses are prerequisites must be completed by the end of the winter term prior to the admitting fall term.

Please note: Admissions to the Radiation Therapy program are highly competitive. Meeting the minimum standards does not guarantee admission.

Admission Requirements:

I. Prerequisite Courses:
   Applicants to the BSc in RT program must complete pre-professional requirements prior to admission into the program. A minimum of ★30 are required. The required courses would include the following:
   - English (★3)
   - Statistics (★3)
   - Physics (★6)
   - Psychology and/or Sociology (★3)
   - Mathematics (Calculus) (★3)
   - Cell Biology (★6)
   - General Chemistry (★3)
   - Organic Chemistry (★3)

II. Other Requirements:
   1. English Language Requirements: Applicants must meet English requirements as specified in the University of Alberta Calendar including Spoken English language proficiency.
   2. Citizenship: Applicants must be Canadian citizens or Permanent Residents of Canada on or before the deadline date for applications. A notarized copy of proof of Canadian citizenship or Permanent Resident status must be submitted with the application for admission.
   3. Career Reflection Letter: Applicants must submit a career reflection letter outlining evidence of personal reflection regarding their career choice,
professional goals, personal skills and attributes, knowledge of the profession, personal experiences, and reasons for seeking admission to the Radiation Therapy program.

4. Personal Interview: Interview selection is based on postsecondary academic records and the Career Reflection Letter. Selected applicants will be interviewed to determine if they have the personal qualities necessary for the profession. The interview evaluates an applicant’s empathy, communication, teamwork, reflection, conflict resolution, responsibility, initiative, problem solving, prioritization, and organization. Short-listed applicants will be advised of the interview date.

5. Technical Standards Self-Assessment Questionnaire: Applicants are asked to review the Radiation Therapy Program Technical Standards Self-Assessment and Details document and complete the questionnaire contained in Appendix A of the document.

6. Police Information Check: Applications should be aware that under the Alberta Protection of People in Care Act, they will be required to satisfy a Police Information Check, including Vulnerable Sector Check once they are accepted into the Radiation Therapy program.

III. Selection Process:

1. Final admission decisions are made by the Radiation Therapy Admissions Committee. Applicants will be ranked on their GPA of pre-professional courses, overall academic achievement (emphasizing the last two most recent years of study), career reflection letter and multiple mini interviews.

Recommended Alberta High School Prerequisites (or equivalent):

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

Deadlines:

- Application Deadline: March 1
- Career Reflection Letter Deadline: April 1
- Pre-professional Course Requirement Deadline: End of Winter Term