Bachelor of Science in Radiation Therapy  
2017-2018 Admission Requirements

Program Details: In pursuing the Bachelor of Science in Radiation Therapy (BSc in RT), students move towards becoming eligible for a license to practice as a Radiation Therapist. Areas of study will include cancer biology, radiation oncology, clinical oncology, clinical management of patients with cancer, medical physics, treatment planning, radiobiology, cross sectional anatomy, radiation safety and protection, and research. Students gain experience through a coordinated experiential program in clinical simulation, clinical practicum and research work. Clinical practicums will include interactions with and care of patients, clinical aspects of radiation therapy delivery and physical assessment. A BSc in RT degree takes four consecutive years to complete and includes a first year consisting of pre-professional study.

Quota: The Radiation Therapy program has a quota of 15 students and admission is competitive. The program has one intake in the fall semester.

Minimum Standards: A minimum GPA of 3.2 is required in pre-professional course work. All pre-professional courses are prerequisites for senior courses, thus deficiencies would have to be made up prior to being admitted to the program. Preference will be given to those students who have completed ★30 in one Fall/Winter term.

Please note: meeting the minimum standards does not guarantee admission.

Admission Requirements:

I. Prerequisite Courses:
   Applicants to the BSc in RT program must complete a pre-professional year before admission to the program. Students should, where possible, take the pre-professional requirements as one-year of full-time study. A minimum of ★30 are required.

   - English (★3)
   - Statistics (★3)
   - Physics (★6)
   - Psychology and/or Sociology (★6 in any combination)
   - Mathematics (Calculus) (★3)
   - Cell Biology (★3)
   - 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 by April 1, outlining evidence of personal reflection regarding their career choice, professional goals, personal skills and attributes, knowledge of the profession, related experience, 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. Criminal Record Checks: Applications should be aware that under the Alberta Protection of People in Care Act, they will be required to satisfy a criminal record 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.

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, 2017
- Career Reflection Letter Deadline: April 1, 2017