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## Bachelor of Science in Radiation Therapy 2018-2019 Admission Requirements

**Program Details:** In pursuing the Bachelor of Science in Radiation Therapy (BScRT), 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 BScRT 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:** All pre-professional courses are prerequisites for senior courses, thus deficiencies would have to be made up prior to being admitted to the program.

Please note: 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.
  - English (★3)
  - Statistics (★3)
  - Physics (★6) (Radiation Based)
  - 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. **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, 2018

Career Reflection Letter Deadline: April 1, 2018

Pre-professional Course Requirement Deadline: End of Winter Term