



PRE-PROFESSIONAL STUDIES

# PRE-RADIATION THERAPY/ RADIATION THERAPY

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The Radiation Therapy program prepares you for a career as a Radiation Therapist, an essential member of a radiation oncology team that treats cancer patients. Radiation Therapy primarily uses high energy x-rays to kill cancer cells and is delivered from a machine outside the body or placed inside the body.

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## SAMPLE CAREERS

Radiation Therapists are employed by hospitals and clinics. The demographics of the Canadian population are reflected in this work force; the number of retirements is expected to increase in the next 5-10 years while the demand for services will also increase with the aging population.

## YOUR EDUCATION

-Radiation Therapy - You must complete a minimum of 24 credit hours, including these courses:  
**BIOL-1112(6) Human Anatomy and Physiology**  
**STAT-1501(3) Elementary Biological Statistics I**  
**PHYS-1101(6) Foundations of Physics (preferred) or PHYS-1301(6) Introduction to Physics**  
**SOC-1100(3) Introduction to Sociology I and SOC-1102 (3) Introduction to Sociology II** OR the former SOC-1101(6) OR PSYC-1000(6) Introduction to Psychology (Sociology preferred)  
**RHET-1103(3) or RHET-1105(3) Academic Writing** or any other section of Academic Writing (if required)  
**OR 3 credit hours of first-year English (ENGL)**

\_\_\_\_\_ Academic Writing is a degree requirement. All students should take Academic Writing, unless they have received an Academic Writing waiver, in which case they should take first-year English.

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CHEM-1111(3) Introduction to the Chemical Properties of Matter and CHEM-1112(3) Basic Principles of Chemical Reactivity are (but not required) to keep your options open with other programs. CLAS-2850(3) Medical Terminology is also and would reduce additional pre-requisite work that is required to be completed by accepted students into the program.

**NOTE:** Completion of Pre-Radiation Therapy courses does not guarantee admission to Radiation Therapy.

(t) D.204 Tc 4 Admission to 2nd YEAR of Radiation Therapy (B.Sc.) by CHEM-1111(3) and CHEM-1112(3), CLAS-2850(3) and BIOL-1010(3)