Why study Radiation Therapy at Benedictine?
Radiation therapy uses high energy X-rays, electron beams or radioactive isotopes as cancer-killing agents. These therapies change the direct physical process of individual cells.

The radiation therapist is a highly specialized professional who is an important part of a health care team. Radiation therapy is one of the most effective treatments today for many cancers and an increasing number of other medical conditions. The radiation therapist delivers highly technical skills to patients requiring extreme care, involving a great deal of patient contact. Patients are usually seen 15-40 times during the course of their treatment.

At Benedictine, you will benefit from:

- A strong science curriculum balanced with courses in the humanities and social sciences.
- A superb location near many outstanding medical facilities.
- A suburban setting with easy access to Chicago.

What does a degree in Radiation Therapy at Benedictine offer?
A bachelor’s degree in Radiation Therapy prepares you to:

- Interact compassionately and effectively with people who range from healthy to terminally ill.
- Perform radiation therapy simulations (setting patients up for their daily treatments).
- Deliver daily radiation treatments.
- Evaluate and monitor treatment delivery equipment.
- Perform radiation dose calculations.
- Work under supervision as a member of the medical team.
- Collaborate with physicians and other members of the health care team, including nurses, dosimetrists, radiation therapists, social workers and administrative staff.

How does the program work?
Students in the Radiation Therapy program must complete at least 90 semester credit hours with a minimum GPA of 2.800 at Benedictine University. Students must apply for admission to Northwestern Memorial Hospital, Benedictine’s clinical education program affiliate hospital, during their junior year by December 1. The admissions process is competitive. Your senior year is a 12-month, 33-semester-credit-hour clinical education curriculum. The School of Radiation Therapy at Northwestern Memorial Hospital is nationally accredited by the Joint Review Committee on Educational Programs in Radiologic Technology. Upon completion of the program, the student is eligible to sit for the national registry examination in Radiation Therapy administered by the American Registry of Radiologic Technologists.
Recommended Program
Bachelor of Science in Radiation Therapy

FRESHMAN

Writing Colloquium 3
College Trigonometry (MATH 111) 3
Principles of Organismal Biology 3
General Chemistry I and Lab 4
Artistic/Creative (QCA) course 3

Speech Communication 3
Research Writing 3
Principles of Biology 3
Principles of Biology Lab 1
General Chemistry II and Lab 4

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JUNIOR

Human Anatomy 4
Organic Chemistry I and Lab** 4
Biostatistics 3
Social Scientific II: Political/Global/Economic Systems (QPE) course 3
Historical (QHT) course 3

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Organic Chemistry II and Lab** 4
General Ethics or Philosophical (QPL) course 3
Human Dignity or the Common Good (IDS 301-304) 3
Religious/Theological (QRT) course 3

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*SOPHOMORE

Genetics and Lab 4
College Physics I and Lab* 4
Introduction to Computing and Lab 3
Literary/Rhetorical (QLR) course 3

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Speech Communication
Research Writing
Principles of Biology
Principles of Biology Lab
General Chemistry II and Lab

16

JUNIOR

Human Anatomy
Organic Chemistry I and Lab**
Biostatistics
Social Scientific II: Political/Global/Economic Systems (QPE) course
Historical (QHT) course

JUNIOR

Human Anatomy
Organic Chemistry I and Lab**
Biostatistics
Social Scientific II: Political/Global/Economic Systems (QPE) course
Historical (QHT) course

SOPHOMORE

Genetics and Lab 4
College Physics I and Lab* 4
Introduction to Computing and Lab 3
Literary/Rhetorical (QLR) course 3

14

Human Physiology 4
College Physics II and Lab* 4
Social Scientific I: Individuals/Organizations/Societies (QIO) course 3
Catholic and Benedictine Intellectual Traditions (IDS 201-204) 3

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SENIOR

Clinical Education at Northwestern Memorial Hospital
RADT 330 Introduction to Technical Radiation Oncology 2
RADT 331 Principles and Practice of Radiation Therapy I 3
RADT 332 Pathology 2
RADT 333 Radiation Physics 2
RADT 334 Clinical Practicum I 3
RADT 335 Medical Imaging 2
RADT 336 Introduction to Radiologic Sciences 2
RADT 337 Radiation Safety and Protection 2
RADT 338 Principles and Practice of Radiation Therapy II 3
RADT 339 Technical Radiation Oncology II 2
RADT 340 Radiation Therapy Physics 2
RADT 341 Quality Management 2
RADT 342 Operational Issues in Radiation Therapy 2
RADT 343 Clinical Practicum II 2
RADT 345 Radiation Biology 2

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Transfer students must complete 30 semester credit hours at Benedictine University to be considered an affiliate in the application process.