

# What Can I Do With a Major in...

# Radiation Therapy?

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Radiation therapy is a highly specialized field in oncologic medicine. It is the use of high energy x-rays, radioactive materials and other sources of ionizing radiation in the treatment of disease, most commonly cancer. Sophisticated state-of-the-art equipment is utilized by skilled, professional therapists in conjunction with the radiation oncologist and radiation physicist to treat cancer.

### **Skills/Competencies Associated with Radiation Therapists Majors:**

- \*Ability to work well with people and data.
- \*Trustworthy, integrity and businesslike.
- \*Ability to inspire productivity and loyalty.
- \*Likes challenges, questioning and analyzing.
- \*Proficiency in reading, for accurate details.
- \*Desire for preciseness.
- \*Organize and maintain accurate records.
- \*Strong leadership skills.
- \*Ability to evaluate and follow procedures.
- \*Adaptable and flexible.
- \*Problem solving and intellectual growth.
- \*Operate scientific equipment.
- \*Desire to help humankind.
- \*Make critical observations and decisions.

### **Related Occupations:**

Application Specialist  
Biomedical Engineer  
Diagnostic Medical Sonographer  
Doctor  
Health Administrator  
Health Professions Educator  
Medical Dosimetrist  
Medical Equipment Sales  
Medical Imaging Tech  
Medical Physicist  
Nuclear Medicine Technologist  
Nuclear Power Plant Radiation Safety Officer  
Radiologist  
Social Worker  
Surgeon

\*This is only a partial list and not meant to limit you. Come to Career Services to explore your options further.

### **Strategies:**

- \*Be sensitive to a patient's physical and psychological needs.
- \*Improve ability to work in a team atmosphere.
- \*Enhance proficiency with computers.
- \*Develop communication skills.

### **Resources for Radiation Therapy Majors:**

College Central Network  
[www.collegecentral.com/gmc](http://www.collegecentral.com/gmc)

American Society of Radiologic Technologists  
[www.asrt.org](http://www.asrt.org)

Radiological Society of North America  
[www.rsna.org](http://www.rsna.org)

American Board of Radiology  
[www.theabr.org](http://www.theabr.org)

Radiological Society of North America  
[www.rsna.org](http://www.rsna.org)

Radiology Info  
[www.radiologyinfo.org](http://www.radiologyinfo.org)

IMAGE  
[www.rt-image.com](http://www.rt-image.com)

American College of Radiology  
[www.acr.org](http://www.acr.org)

American Society of Therapeutic Radiology and Oncology  
[www.astro.org](http://www.astro.org)

The Joint Review Committee on Education in Radiologic Technology  
[www.jrcert.org](http://www.jrcert.org)

Occupational Outlook Handbook  
[www.bls.gov/oco](http://www.bls.gov/oco)

American Registry of RT  
[www.arrt.org](http://www.arrt.org)

Radiology Info.  
[www.radiologyinfo.org](http://www.radiologyinfo.org)

American Osteopathic College of Radiology  
[www.aocr.org](http://www.aocr.org)

Society of Interventional Radiology  
[www.sirweb.org](http://www.sirweb.org)

American Assoc. for Women Radiologists  
[www.aawr.org](http://www.aawr.org)

Radiology Online  
<http://radiology.rsnaajls.org/>

Radiation Therapy Oncology Group  
[www.rtog.org](http://www.rtog.org)

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**Gwynedd-Mercy College**  
**Career Services**  
215-646-7300, ext: 230  
[careerservices@gmc.edu](mailto:careerservices@gmc.edu)  
[www.gmc.edu/students/careerservices](http://www.gmc.edu/students/careerservices)