F. Radiologic Technology

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| RADT 201 | Orientation to Medical Imaging | 1 | F, Sp |
| RADT 255 | Patient Care Interventions for Allied Health | 1 | Su, Sp |
| RADT 301 | Introduction to Radiologic Technology | 3.5 | Su |
| RADT 305 | Skeletal Anatomy | 3 | F |
| RADT 306 | Radiographic Procedures I | 3 | F |
| RADT 307 | Radiographic Procedures II | 3 | Sp |
| RADT 308 | Radiographic Procedures III | 3 | Su |
| RADT 309 | Clinical Education I | 3.5 | F |
| RADT 310 | Clinical Education II | 3.5 | Sp |
| RADT 320 | Principles of Radiography I | 3 | Sp |
| RADT 321 | Principles of Radiography II | 3 | Su |
| RADT 330 | Radiation Physics I | 3 | Sp |
| RADT 411 | Clinical Education III | 8 | F |
| RADT 412 | Clinical Education IV | 8 | Sp |
| RADT 425 | Ethics/Critical Thinking and Problem Solving | 3 | Sp |
| RADT 431 | Radiation Physics II | 3 | F |
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| RADT 461 | Registry Review | 3 | Sp |

Cognates

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| BIOL 108 | Basic Principles of Biology | 4 | F, Sp, Su |
| BIOL 231 | Human Anatomy | 4 | F, Sp, Su |
| BIOL 335 | Human Physiology | 4 | F, Sp, Su |
| CHEM 105 | General, Organic and Biological Chemistry I | 4 | F, Sp, Su |
| COMM 338 | Communication for Health Professionals | 4 | Sp |
| MATH 209 | Precalculus Mathematics | 4 | F, Sp, Su |
| PHYS 110 | Introductory Physics | 4 | Sp, F, Su |

Subtotal: 86.5

Course Descriptions:

RADT 412 - Clinical Education IV (8)

This final clinical course prepares students to become independent, functioning radiologic technologists.

Prerequisite: RADT 411.

Offered: Spring.

RADT 425 - Ethics/Critical Thinking and Problem Solving (2)

Topics include personal and professional values, professional standards, and legal liability in the workplace. Problem-solving techniques are taught to help students make competent, informed decisions.

Prerequisite: RADT 411.

Offered: Spring.

RADT 431 - Radiation Physics II (3)

Students explore electromagnetic and particulate radiation; tomography; radiosensitivity of different cell types; radiation sickness; radiation barriers; and federal, state, and local regulations concerning the use of radiation.

Prerequisite: RADT 330.

Offered: Fall.

RADT 440 - Cross-Sectional Anatomy (1)

Students examine the basic theory and practice of CT imaging and interpretation.

Prerequisite: RADT 305.

Offered: Fall.