# MEDICAL RADIATION SCIENCES | Radiation Therapy Concentration | 2015-2016

## FIRST YEAR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHEM 023 General Chemistry</td>
<td>4</td>
<td>MLRS 034 Human Cell Biology</td>
<td>4</td>
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<tr>
<td>ENGS 001 Written Expression</td>
<td>3</td>
<td>SOC 001 Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>MATH 019 Fundamentals of Calculus I (or higher)</td>
<td>3</td>
<td>PSYS 001 Intro to Psychological Science</td>
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<tr>
<td>HLTH 003 Medical Terminology</td>
<td>2</td>
<td>NFS 043 Fundamentals of Nutrition</td>
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<tr>
<td>NH 050 Applications to Health</td>
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<td>Elective/Diversity Course</td>
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<tr>
<td>Elective/Diversity Course</td>
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**Total Credits:** 16

## SECOND YEAR

<table>
<thead>
<tr>
<th>Fall Semester</th>
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<th>Spring Semester</th>
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<tbody>
<tr>
<td>ANPS 019 Ugr Hum Anatomy &amp; Physiology(^1)</td>
<td>4</td>
<td>ANPS 020 Ugr Hum Anatomy &amp; Physiology(^1)</td>
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<td>MLRS 140 Radiation Science(^1)</td>
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<td>MLRS 141 Advanced Radiation Science(^1)</td>
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<td>NH 120 Health Care Ethics</td>
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<td>PHYS 013 Conceptual Physics</td>
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<td>STAT 111 Elements of Statistics or STAT 141 Basic Statistical Methods</td>
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<td>RADT 152 Principles of Radiation Therapy(^1)</td>
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**Total Credits:** 16

## THIRD YEAR

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<th>Fall Semester</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>RADT 270 Dosimetry Concepts(^1)</td>
<td>3</td>
<td>RADT 275 Dosimetry(^1)</td>
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<tr>
<td>PATH 101 Intro to Human Disease</td>
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<td>RADT 176 Clinical Radiation Oncology(^1)</td>
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<td>MLRS 175 Medical Imaging(^1)</td>
<td>3</td>
<td>MLRS 215 CT Procedures(^1)</td>
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<tr>
<td>RADT 173 Intro to Clinical Practice(^1)</td>
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<td>RADT 174 Clinical Practicum(^1)</td>
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<td>RADT 244 Patient Care Seminar(^1)</td>
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**Total Credits:** 15

## FOURTH YEAR

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<tr>
<td>MLRS 297 Leadership &amp; Mgt in Hlth Care(^1)</td>
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<td>RADT 274 Clinical Practicum IV(^1)</td>
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<td>RADT 277 Techniques Radiation Therapy(^1)</td>
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<td>RADT 280 Quality Assurance &amp; Treatment Plan(^1)</td>
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<tr>
<td>RADT 223 Clinical Practice: Radiation Therapy(^1)</td>
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<tr>
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**Total Credits:** 13

**Total Credits:** 17

- This model curriculum is designed to meet all course requirements. Changes should be reviewed with a student’s academic advisor.
- Minimum of 121 semester credit hours including 6 credit hours of diversity courses and a GPA of 2.3 is required for graduation
- \(^1\)Professional courses
- Must meet University sustainability requirement prior to graduation