

## Radiological Sciences Degree Plan

Year		Term	Title	Credit Hour	Total Credit Hrs/Term
<b>First Year</b>	<b>Fall</b>		Radiological Physics	3	
			Radiological Sciences Seminar	1	
			Intro to Radiation Biology	3	
			Research	2	Semester Total: 9
	<b>Spring</b>		Radiological Sciences Seminar	1	
			Cross-Sectional Human Radiologic & MRI Anatomy	3	
			Radiologic Laboratory	3	
			Research	2	Semester Total: 9
	<b>Summer</b>	Research	6	Semester Total: 6	
<b>Second Year</b>	<b>Required</b>	<b>Fall</b>	Radiological Sciences Seminar	1	
			Basic Principles of NMR	3	
			Special Topics: Digital Processing of Medical Imaging	3	
			Research	2	Semester Total: 9
	<b>Electives</b>	<b>Spring</b>	Radiological Sciences Seminar	1	
			Medical Imaging	3	
			Principles of Nuclear Medicine & Emission Computed Tomography	3	
			Research	2	Semester Total: 9
	<b>Summer</b>	Research	6	Semester Total: 6	
<b>Third Year</b>	<b>Fall</b>		Research	Variable	
			Medical Radiological Physics	3	
			Topics in Radiological Sciences (or other Advanced Topics)	3	
			Seminar	1	Semester Total: 9
	<b>Spring</b>		Dissertation Research/Exam II (Proposal)	Variable	
			Advanced Topics/Electives	Variable	
			Seminar	1	Semester Total: 9
		<b>Summer</b>	Dissertation Research	6	Semester Total: 6
<b>Fourth Year &amp; Beyond</b>	<b>Fall</b>		Dissertation Research	8	
			Seminar	1	Semester Total: 9
	<b>Spring</b>		Dissertation Research/Exam III (Defense)	8	
			Advanced Topics/Electives	Variable	
			Seminar	1	Semester Total: 9
		<b>Summer</b>	Dissertation Research	6	Semester Total: 6
Minimum Credit Hours for PhD					102

<b>advanced courses required for total of 9 credit hours)</b>	
RDS 5385: Diagnostic Radiological Physics	3
RDS 5386: Therapeutic Radiological Physics	3
RDS 5387: Basic Principles of NMR	3
RDS 5388: Principles of Nuclear medicine & Emission Computed Tomography	3
RDS 5389: Medical Imaging	3
Special Topics: Digital Processing of Medical Images	3

<b>Elective coursework* (2 Courses Required- Total of 6 Credit Hours)</b>	<b>Credit Hour</b>
RDS 5395: Medical Radiological Physics	3
RDS 5196: Topics in Radiological Sciences	3
Other: Approved Courses Pertaining to Research and Plan of Study	3