

Major in Radiologic Sciences – B.S.R.S.

Emphasis in CT/Medical Imaging Informatics

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
First Year Making Connections Course:	Sem. Hrs.	
RT 1003, Making Connections in Radiology	3	<input type="checkbox"/>
General Education Requirements:	Sem. Hrs.	
See General Education Curriculum for Baccalaureate degrees (p. 84)	35	<input type="checkbox"/>
<p>Students with this major must take the following:</p> <p><i>MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite</i></p> <p><i>BIO 2203 AND 2201, Human Anatomy and Physiology I and Laboratory</i></p> <p><i>PSY 2013, Introduction to Psychology</i></p> <p><i>COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)</i></p>		
Major Requirements:	Sem. Hrs.	
HP 2013, Medical Terminology	3	<input type="checkbox"/>
HP 3413, Cultural Competency	3	<input type="checkbox"/>
RAD 2001, Intro to Medical Imaging	1	<input type="checkbox"/>
RAD 3103, Intro to Radiography	3	<input type="checkbox"/>
RAD 3113 AND RAD 3111, Radiographic Procedures I and Laboratory	4	<input type="checkbox"/>
RAD 3123, Radiation Physics and Imaging	3	<input type="checkbox"/>
RAD 3202, Imaging Equipment	2	<input type="checkbox"/>
RAD 3203 AND RAD 3201, Radiographic Procedures II and Laboratory	4	<input type="checkbox"/>
RAD 3213 AND RAD 3211, Image Acquisition & Evaluation I and Laboratory	4	<input type="checkbox"/>
RAD 3223, Sectional Anatomy	3	<input type="checkbox"/>
RAD 3233, Radiography Clinical I	3	<input type="checkbox"/>

RAD 4103 AND RAD 4101, Radiographic Procedures III and Laboratory	4	<input type="checkbox"/>
RAD 4113, Image Acquisition & Evaluation II	3	<input type="checkbox"/>
RAD 4123, Imaging Pathology	3	<input type="checkbox"/>
RAD 4132, Radiobiology	2	<input type="checkbox"/>
RAD 4143, Radiography Clinical II	3	<input type="checkbox"/>
RAD 4203, Radiography Clinical III	3	<input type="checkbox"/>
RAD 4213, Radiography Clinical IV	3	<input type="checkbox"/>
Sub-total	54	<input type="checkbox"/>
Emphasis Area (CT/Medical Imaging Informatics):	Sem. Hrs.	
CIT 1503, Microcomputer Applications	3	<input type="checkbox"/>
CIT 2033, Programming Fundamentals	3	<input type="checkbox"/>
CIT 2523, Telecommunications and Networking	3	<input type="checkbox"/>
CIT 3013, Management Information Systems	3	<input type="checkbox"/>
CIT 3403, Database Management	3	<input type="checkbox"/>
CIT 4523, Advanced Telecommunications	3	<input type="checkbox"/>
CIT 4623, Computer Security	3	<input type="checkbox"/>
RS 3733, Geriatric Considerations in Radiology	3	<input type="checkbox"/>
RS 4362, Leadership Practicum in RIS	2	<input type="checkbox"/>
RS 4623, CT Instrumentation	3	<input type="checkbox"/>
RS 4633, CT Procedures	3	<input type="checkbox"/>
RS 4644, CT Clinical Education	4	<input type="checkbox"/>
Sub-total	36	<input type="checkbox"/>

Required Support Courses:	Sem. Hrs.	
BIO 2223 AND 2221, Human Anatomy and Physiology II and Laboratory	4	<input type="checkbox"/>
Total Required Hours:	132	