

# RADIOLOGIC SCIENCES (BS) - COMPUTED TOMOGRAPHY (CT)

## Degree Requirements

Code	Title	Hours
<b>General Education Requirements</b>		
Select General Education Requirements (p. 1)		59-60
<b>Major Requirements (67-81 Hours)</b>		
<i>Radiologic Science -First Year Professional Component (13 Courses,37 Hours)</i>		
A. Fall - Complete the following:		
RAD 300	Clinical Education I	2
RAD 304	Patient Care & Ethics	3
RAD 307	Osseous I	4
RAD 310	Radiation Biology	2
RAD 312	Princ of Radiographic Exposure	4
B. Spring - Complete the following:		
RAD 301	Clinical Education II	4
RAD 308	Osseous II	4
RAD 315	Contrast Media	3
RAD 318	Radiologic Physics	4
RAD 335	Pediatric-Geriatric Rad	1
C. Summer - Complete the following:		
RAD 302	Clinical Ed III	4
RAD 320	Cross-Sectional Anatomy	2
RAD 415	Diagnostic Imaging	2
<i>Radiologic Sciences -Second Year Professional Component (35-36 Hours)</i>		
Track 1: General Radiography with the Computed Tomography (CT) 34-44 Advanced Modality. ( <a href="http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote1/">http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote1/</a> ) <sup>1</sup>		
A. Fall - 11 hours Complete the following:		
RAD 309	Osseous III	
RAD 403	Clinical Education IV	
RAD 411	Survey of Pathology	
RAD 477 & RAD 475	Computed Tomography I and Advanced Modality Clinical A or RAD 476 Advanced Modality Clinical B	
B. Spring - Complete the following:		
RAD 404	Clinical Education V	
RAD 437	Image Analysis	
RAD 496	Radiologic Sci Research I-W	
RAD 478 & RAD 475	Computed Tomography II-W and Advanced Modality Clinical A or RAD 476 Advanced Modality Clinical B	
C. Summer - Complete the following:		
RAD 405	Clinical Education VI	
RAD 494	Directed Independent Study	
RAD 497	Rad Science Research II	
RAD 479 & RAD 475	Computed Tomography III and Advanced Modality Clinical A	

or RAD 476 Advanced Modality Clinical B

<b>Minor Requirements</b>	
A minor is not required for this degree program	0
<b>Total Hours</b>	<b>132-143</b>

## Footnote

<sup>1</sup> Students who choose to complete Track 1 (Radiography to include one advanced modality) will be eligible to apply for continuation in the program to study any additional modality to include ultrasound and radiation therapy in a non-degree seeking student status. Please note that non-degree seeking students are not eligible for federal financial aid.

## General Education Requirements

Code	Title	Hours
<b>Area I - Written Composition</b>		
A. Complete the following:		
EH 101	English Composition I	3
B. Complete the following:		
EH 102	English Composition II	3
<b>Area II - Humanities &amp; Fine Arts</b>		
A. Complete the following:		
CA 110	Public Speaking	3
B. Select one of the following: ( <a href="http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote2/">http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote2/</a> ) <sup>1</sup>		
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
C. Select one of the following:		
ARH 100	Survey of Art	3
ARH 103	Art History I	
ARH 123	Art History II	
ARS 101	Art Appreciation	
DRA 110	Introduction to Theatre	
MUL 101	Introduction to Music	
D. Select three hours from the following:		
AFR 101	Intro to African Amer Studies	
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARH 203	Survey of Non-Western Art	
ARS 101	Art Appreciation	
CLA 110	Intro Anc Greek Roman Culture	
DRA 110	Introduction to Theatre	
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	

EH 236	World Lit after 1650	PHL 131	Introduction to Ethics
LG 101	Introductory Latin I	PHL 231	Social Ethics
LG 102	Introductory Latin II	PHL 240	Western Philosophy: Classical
LG 111	Introductory French I	REL 100	Intro to the Study of Religion
LG 112	Introductory French II	REL 200	Old Testament/Hebrew Bible
LG 121	Introductory Chinese I	REL 201	Survey of the New Testament
LG 122	Introductory Chinese II	<b>Area III – Natural Sciences &amp; Mathematics</b>	
LG 131	Introductory Spanish I	A. Select 3-4 hours from the following: 3	
LG 132	Introductory Spanish II	MA 112	Precalculus Algebra
LG 141	Intro Classical Greek I	MA 113	Precalculus Trigonometry
LG 142	Intro Classical Greek II	MA 115	Precal Algebra-Trigonometry
LG 151	Introductory German I	MA 120	Calculus and Its Applications
LG 152	Introductory German II	MA 125	Calculus I
LG 153	Accelerated Intro German	MA 126	Calculus II
LG 171	Introductory Russian I	MA 227	Calculus III
LG 172	Introductory Russian II	MA 237	Linear Algebra I
LG 173	Accelerated Intro Russian	MA 238	Differential Equations I
LG 201	Intermediate Latin I	B. Complete the following:	
LG 202	Intermediate Latin II	BLY 101	Life Science I 4
LG 211	Intermediate French I	& 101L	and Life Science I Laboratory
LG 212	Intermediate French II	or BLY 121	General Biology I
LG 213	Accelerated Inter French - H	& 121L	and General Biology I Lab
LG 221	Intermediate Chinese I	C. Select one of the following: 4	
LG 222	Intermediate Chinese II	BLY 102	Life Science II
LG 231	Intermediate Spanish I	& 102L	and Life Science II Lab
LG 232	Intermediate Spanish II	or BLY 122	General Biology II
LG 234	Inter Spanish Accel -H	& 122L	and General Biology II Laboratory
LG 241	Interm Classical Greek I	CH 101	Survey of Inorg and Org Chem
LG 242	Interm Classical Greek II	& 101L	and Survey Inorg-Org Chem Lab
LG 251	Intermediate German I	CH 131	General Chemistry I
LG 252	Intermediate German II	& 131L	and General Chemistry I Lab
LG 271	Intermediate Russian I	CH 132	General Chemistry II
LG 272	Intermediate Russian II	& 132L	and General Chemistry II Lab
LG 273	Intensive Second Year Russian	<b>Area IV – History, Social &amp; Behavioral Sciences (<a href="http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote2/">http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote2/</a>)<sup>1</sup></b>	
LGS 101	Introductory Japanese I	A. Complete the following:	
LGS 102	Introductory Japanese II	PSY 120	Introduction to Psychology 3
LGS 106	Introductory Arabic I	B. Select one of the following: 3	
LGS 107	Introductory Arabic II	HY 101	HY of Western Civilization I
LGS 110	Intro American Sign Language I	HY 102	HY of Western Civilization II
LGS 111	Intro American Sign Lang II	HY 135	US History to 1877
LGS 171	Introductory Korean I	HY 136	US History since 1877
LGS 172	Introductory Korean II	C. Select two of the following: 6	
LGS 201	Intermediate Japanese I	AN 100	Intro to Cultural Anthropology
LGS 202	Intermediate Japanese II	AN 101	Intro Archaeology-Bio Anthro
LGS 206	Intermediate Arabic I	CA 100	Intro to Communication
LGS 207	Intermediate Arabic II	CA 211	Interpersonal Comm
LGS 210	Intermediate ASL I	ECO 215	Prin of Microeconomics
LGS 211	Intermediate ASL II	ECO 216	Prin of Macroeconomics
MUL 101	Introduction to Music	GEO 114	People, Places, Environment
PHL 110	Introduction to Philosophy	GEO 115	World Regional Geography
PHL 120	Critical Thinking	GS 101	Intro to Gender Studies
PHL 121	Introduction to Logic	HY 101	HY of Western Civilization I

HY 102	HY of Western Civilization II
HY 135	US History to 1877
HY 136	US History since 1877
IS 100	Global Issues
IST 201	Seasons of Life
NAS 101	Intro Native American Studies
PSC 130	Intro to US Government
PSY 250	Life Span Development
SY 109	Introductory Sociology
SY 112	Social Problems

#### Area V - Pre-Professional Required Courses

A. Complete the following:

BMD 251	Human Anatomy & Physiology I	4
BMD 252	Human Anatomy & Physiology II	4

B. Complete the following:

C. Select 4-5 hours from the following: 4-5

PH 104	Concepts of Physics
PH 104L	Concepts of Physics Laboratory
PH 114	Physics with Algebra-Trig I
PH 114L	Alg-Trig Based Physics I Lab

D. Select one of the following: 3

BUS 245	Data Analytics I
ST 210	Stat Reason and Application
ST 305	Applied Stat Health Sciences

---

**Total Hours** **56-57**

#### Footnote

<sup>1</sup> Students must complete a 6 credit hour sequence either in literature (Area II – EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV – HY 101 & HY 102 or HY 135 & HY 136).

All undergraduates must complete two designated writing credit (W) courses, at least one of which must be in the student's major or minor.

## Graduation Plan

Multiple Degree Plans Available. Select To View Option: