

# RADIOLOGIC SCIENCES (BS) - ULTRASOUND

## 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>		
<i>Track 2: Ultrasound Only</i>		<i>31-35</i>
A. Fall - 12-16 hours; Complete the following:		
RAD 417	Ultrasound Anatomy &Scanning-W	
RAD 421	Ultras Physics-Instrumentation	
RAD 423	Ultrasound Clinical Educ I	
RAD 411	Survey of Pathology (see footnote table below (p. 1)) <sup>2</sup>	
B. Spring - Complete the following:		
RAD 418	Ultras Anat-Scan Tech-OB-GYN	
RAD 424	Ultrasound Clinical Educ II	
RAD 496	Radiologic Sci Research I-W	
C. Summer - Complete the following:		
RAD 320	Cross-Sectional Anatomy (see footnote table below (p. 1)) <sup>2</sup>	
RAD 425	Ultrasound Clinical Educ III	
RAD 427	Procedural Guidelines in Ultra	
RAD 497	Rad Science Research II	
<b>Minor Requirements</b>		
A minor is not required for this degree program		0
<b>Total Hours</b>		<b>129-134</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.

<sup>2</sup> RAD 320 and RAD 411 required if not previously completed.

## 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	
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	
LG 101	Introductory Latin I	
LG 102	Introductory Latin II	
LG 111	Introductory French I	
LG 112	Introductory French II	
LG 121	Introductory Chinese I	
LG 122	Introductory Chinese II	
LG 131	Introductory Spanish I	

LG 132	Introductory Spanish II
LG 141	Intro Classical Greek I
LG 142	Intro Classical Greek II
LG 151	Introductory German I
LG 152	Introductory German II
LG 153	Accelerated Intro German
LG 171	Introductory Russian I
LG 172	Introductory Russian II
LG 173	Accelerated Intro Russian
LG 201	Intermediate Latin I
LG 202	Intermediate Latin II
LG 211	Intermediate French I
LG 212	Intermediate French II
LG 213	Accelerated Inter French - H
LG 221	Intermediate Chinese I
LG 222	Intermediate Chinese II
LG 231	Intermediate Spanish I
LG 232	Intermediate Spanish II
LG 234	Inter Spanish Accel -H
LG 241	Interm Classical Greek I
LG 242	Interm Classical Greek II
LG 251	Intermediate German I
LG 252	Intermediate German II
LG 271	Intermediate Russian I
LG 272	Intermediate Russian II
LG 273	Intensive Second Year Russian
LGS 101	Introductory Japanese I
LGS 102	Introductory Japanese II
LGS 106	Introductory Arabic I
LGS 107	Introductory Arabic II
LGS 110	Intro American Sign Language I
LGS 111	Intro American Sign Lang II
LGS 171	Introductory Korean I
LGS 172	Introductory Korean II
LGS 201	Intermediate Japanese I
LGS 202	Intermediate Japanese II
LGS 206	Intermediate Arabic I
LGS 207	Intermediate Arabic II
LGS 210	Intermediate ASL I
LGS 211	Intermediate ASL II
MUL 101	Introduction to Music
PHL 110	Introduction to Philosophy
PHL 120	Critical Thinking
PHL 121	Introduction to Logic
PHL 131	Introduction to Ethics
PHL 231	Social Ethics
PHL 240	Western Philosophy: Classical
REL 100	Intro to the Study of Religion
REL 200	Old Testament/Hebrew Bible
REL 201	Survey of the New Testament

**Area III – Natural Sciences & Mathematics**

A. Select 3-4 hours from the following: 3

MA 112	Precalculus Algebra	
MA 113	Precalculus Trigonometry	
MA 115	Precal Algebra-Trigonometry	
MA 120	Calculus and Its Applications	
MA 125	Calculus I	
MA 126	Calculus II	
MA 227	Calculus III	
MA 237	Linear Algebra I	
MA 238	Differential Equations I	
B. Complete the following:		
BLY 101 & 101L	Life Science I and Life Science I Laboratory	4
or BLY 121 & 121L	General Biology I and General Biology I Lab	
C. Select one of the following:		4
BLY 102 & 102L	Life Science II and Life Science II Lab	
or BLY 122 & 122L	General Biology II and General Biology II Laboratory	
CH 101 & 101L	Survey of Inorg and Org Chem and Survey Inorg-Org Chem Lab	
CH 131 & 131L	General Chemistry I and General Chemistry I Lab	
CH 132 & 132L	General Chemistry II and General Chemistry II Lab	
<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>		
A. Complete the following:		
PSY 120	Introduction to Psychology	3
B. Select one of the following:		3
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	
C. Select two of the following:		6
AN 100	Intro to Cultural Anthropology	
AN 101	Intro Archaeology-Bio Anthro	
CA 100	Intro to Communication	
CA 211	Interpersonal Comm	
ECO 215	Prin of Microeconomics	
ECO 216	Prin of Macroeconomics	
GEO 114	People, Places, Environment	
GEO 115	World Regional Geography	
GS 101	Intro to Gender Studies	
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	
<b>Area V - Pre-Professional Required Courses</b>		
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	
<b>Total Hours</b>		<b>56-57</b>

### 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: