



**ARKANSAS STATE**  
UNIVERSITY

**Eight-Semester Degree Plan**  
**Bachelor of Science: Major in Radiologic Sciences**  
**Emphasis in Mammography/Breast Sonography**  
**Bone Densitometry Certificate**  
**2023-2024**

Year 1							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ENG 1003	English 1	3	x	ENG 1013	English II	3	x
MATH 1023	College Algebra	3	x	BIO 2223	Anatomy and Physiology II	3	
RT 1003	Making Connections	3		BIO 2221	Anatomy and Physiology Lab II	1	
BIO 2103	Anatomy and Physiology I	3	x	RAD 3103	Intro to Radiography	3	
BIO 2101	Anatomy and Physiology Lab I	1	x	RAD 3113/3111	Radiographic Procedures I & Lab	4	
PSY 2013	Intro to Psychology	3	x	RAD 3122	Radiation Physics and Imaging	2	
RAD 2001	Intro to Medical Imaging	1					
<b>Total Hours:</b>		17		<b>Total Hours:</b>		16	
Summer Semester							
Course No.	Course Name	Hrs	Gen Ed				
RAD 3203/3201	Radiographic Procedures II & lab	4					
RAD 3232	Radiography Clinical I	2					
RAD 3223	Sectional Anatomy	3					
	Physical Science (choose from list)	4	x				
<b>Total Hours:</b>		13					
Year 2							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
RAD 3213	Image Acquisition & Evaluation I	3		RAD 3202	Imaging Equipment	2	
RAD 4103	Radiographic Procedures III	3		RAD 4113	Image Acquisition & Evaluation II	3	
RAD 4101	Radiographic Procedures III Lab	1		RAD 4203	Radiography Clinical III	3	
RAD 4132	Radiobiology	2		RAD 4142/4141	Radiographic Procedures IV & Lab	3	
RAD 4143	Radiography Clinical II	3		HP 2103	Medical Terminology	3	
COMS 1203	Oral Communication	3	x	RS 4822	Psychosocial Factors in Healthcare	2	
<b>Total Hours:</b>		15		<b>Total Hours:</b>		16	
Summer Semester							
Course No.	Course Name	Hrs	Gen Ed				
RAD 4213	Radiography Clinical IV	3					
RAD 4123	Imaging Pathology	3					
RSU 4833	Breast Sonography	3					
	Humanities (choose from list)	3	x				
<b>Total Hours:</b>		12					

Year 3							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
RS 4503	Mammography Procedures	3		RS 4513	Mammography Instrumentation	3	
RS 4553	Breast Imaging Clinical Ed I	3		RS 4563	Breast Imaging Clinical Ed II	3	
RSU 4213	Physics and Instrumentation I	3		RSU 4323	Physics and Instrumentation II	3	
RS 4713	Bone Density Image Production	3		RS 4723	Bone Density Procedures	3	
RS 3122	Legal & Regulatory Environ of Rad	2			U.S. History or Gov't	3	x
	Fine Arts	3	x				
<b>Total Hours:</b>		17		<b>Total Hours:</b>		15	
Summer Semester							
Course No.	Course Name	Hrs	Gen Ed				
RS 4573	Imaging in Women's Health Clinic Ed	3					
RS 3733	Geriatric Considerations in Radiology	3					
	Social Science (choose from list)	3	x				
<b>Total Hours:</b>		9					
<b>Total Upper-Level Hours:</b>				<b>Total Degree Hours:</b>		130	

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

**Additional Graduation Requirements:**