

# Major Academic Plan for B.S. in Radiographic Science

A Major Academic Plan (MAP) illustrates one way to complete a degree in a recommended number of semesters. Below is an example of an efficient and

recommended plan, but actual plans will vary by individual student needs. Program requirements are based on Catalog Year.

Course Subject and Title	Credits	Min Grade	*Program Element	**When Offered	Prerequisite	Co Requisite
<b>First Semester</b>						
GE Objective 1: ENGL 1101	3	C-	GE		Appropriate placement score	
GE Objective 3: MATH 1153	3		GE			
GE Objective 4	3		GE			
GE Objective 5: BIOL 1101/ BIOL 1101L	4		GE	F, S, Su	MATH 1108	(MATH 1108)
GE Objective 6	3		GE			
RS 1105 Introduction to Radiographic Science	1			F, S		
Semester Total	17					
<b>Second Semester</b>						
GE Objective 1: ENGL 1102	3	C-	GE		ENGL 1101 or equivalent	
GE Objective 5: CHEM 1101	3		GE	F, S	MATH 1108	
GE Objective 6	3		GE			
GE Objective 8: INFO 1101	3		GE	F, S		
HCA 2210 Medical Terminology and Communication or HE 2210 Medical Terminology and Communication	2			F, S		
MATH 1143 College Algebra (or equivalent OR Free Electives)	3			F, S, Su	MATH 1108. Satisfies Objective 3 of the General Education Requirements.	
Semester Total	17					
<b>Third Semester</b>						
GE Objective 2: COMM 1101	3		GE			
GE Objective 4	3		GE			
ACCT 3303 Accounting Concepts	3			D		
BIOL 3301 & 3301L Advanced Human Anatomy and Physiology 1 and Advanced Human Anatomy and Physiology 1 Lab	4			F, S	BIOL 1101	
PHYS 1100 Essentials of Physics	4			F, S		MATH 1108
Semester Total	17					
<b>Fourth Semester</b>						
GE Objective 9	3		GE			

BIOL 3302 & 3302L Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab	4			F, S	BIOL 1101	
HCA 3384 Human Resource Management in Healthcare Organizations or MGT 4473 Human Resource Management	3			F, S		
HCA 4475 Health Law and Bioethics	3			F, S		
MGT 3312 Individual and Organizational Behavior	3		UM	F, S	Junior standing and ENGL 1102.	
Apply to Program by May 15						
Semester Total	16					
<b>Fifth Semester</b>						
RS 3310 Radiographic Methods I	2		UM	F		
RS 3320 & 3320L Radiographic Imaging Applications and Radiographic Imaging Applications Laboratory	2		UM	F		
RS 3325 Patient Care in Radiography	3		UM	F		
RS 3330 & 3330L Radiographic Exposure and Radiographic Exposure Lab	3		UM	F		
RS 3340 Laboratory Practicum I	1		UM	F		
RS 3389 Applied Radiography I	4		UM	F		
Semester Total	15					
<b>Sixth Semester</b>						
BIOL 4470 Cross-Sectional Anatomy	2		UM	S	BIOL 3301, BIOL 3302	
HPHY 3300 Medical Electronics	2		UM	S		HPHY 3321
HPHY 3321 Radiologic Physics	2		UM	S	PHYS 1100	
RS 3311 Radiographic Methods II	2		UM	S		
RS 3341 Laboratory Practicum II	1		UM	S		RS 3311
RS 3375 Pediatric Radiography	1		UM	S		
RS 3388 Radiation Protection	1		UM	S		
RS 3390 Applied Radiography II	4		UM	S		
<b>SUMMER SEMESTER</b>						
RS 4421 Computed Tomography	1		UM	Su		
RS 4488 Applied Radiography III	5		UM	Su		
Semester Total	21					
<b>Seventh Semester</b>						
RS 3312 Radiographic Methods III	2		UM	F		
RS 3342 Laboratory Practicum III	1		UM	F		RS 3312.
RS 4450 Alternate Imaging Modalities with Introduction to Evidence-Based Research	1		UM	F		

RS 4460 Introduction to Radiographic Quality Assurance	2		UM	F		
RS 4489 Applied Radiography IV	6		UM	F		
Semester Total	12					
<b>Eighth Semester</b>						
BIOL 3307 Radiobiology or HPHY 3307 Radiobiology	2		UM	S	BIOL 1101, PHYS 1100	
RS 4430 Radiologic Pathology	2		UM	S		
RS 4441 Advanced Radiographic Methods I	1		UM	S	RS 3312, RS 3342	
RS 4470 Advanced Radiographic Exposure	2		UM	S		
RS 4475 Registry Review	2		UM	S		
RS 4490 Applied Radiography V	6		UM	S		
Semester Total	15					
Total	130					