

Associate of Applied Science in Radiologic Technology 2025 – 2026 Academic Plan

This academic plan is a semester-by-semester guide for the college-ready student. Students should consider bachelor's degree requirements at transfer institutions, potential for continuing education to a graduate degree, and future career goals when selecting specific courses. This plan is not a substitute for meeting with an [Advising Specialist](#) or full-time Faculty Advisor.

Academic Plan: Program Prerequisites			Notes
Requirement	Course	Credits	
FYEX	*First Year Experience	1	<ul style="list-style-type: none"> FYE, ENG101(H), MATH, and CPLT with grades of "C" or better are prerequisites for future coursework and must be completed within ten years of program start date. BIO211 with a grade of "B" or better must be completed within five years of program start date.
WCOM^	ENG101 English Composition I	3	
MATH	*Mathematical Science	3	
NSCI^	BIO211 Anatomy and Physiology I	4	
CPLT	*Computer Literacy	3	
Total Credits		14	
Academic Plan: Program Prerequisites			Notes
Requirement	Course	Credits	
CO/HU	COM100 Fundamentals of Communication	3	<ul style="list-style-type: none"> CO/HU, CIVI, and SBSC must be completed with a grade of "C" or better and can be completed before or during the program. BIO212 with a grade of "B" or better must be completed within five years of program start date.
NSCI	BIO212 Anatomy and Physiology II	4	
CIVI	*Civics and PSC001 MO Civics Requirement	3	
SBSC^	PSY101 General Psychology or SOC101 General Sociology	3	
Total Credits		13	
Academic Plan: Fall 1 st Year			Notes
Requirement	Course	Credits	
CORE	RAD101 Radiation Protection	2	<ul style="list-style-type: none"> All courses are prerequisites for future coursework.
CORE	RAD105 Introduction to Radiography	1	
CORE	RAD115 Radiographic Positioning I	3	
CORE	RAD121 Radiographic Positioning Lab	1	
CORE	RAD125 Radiographic Positioning II	3	
CORE	RAD130 Patient Care Management	2	
CORE	RAD140 Radiographic Exposures	3	
Total Credits		15	
Academic Plan: Spring 1 st Year			Notes
Requirement	Course	Credits	
CORE	RAD135 Radiographic Positioning III	3	<ul style="list-style-type: none"> All courses are prerequisites for future coursework.
CORE	RAD145 Radiographic Positioning IV	3	
CORE	RAD150 Cross-Sectional Anatomy	3	
CORE	RAD160 Radiographic Physics	3	
CORE	Clinical Practicum I	3	
Total Credits		15	
Academic Plan: Summer 1 st Year			Notes
Requirement	Course	Credits	
CORE	RAD182 Introduction to Advanced Imaging Modalities	1	<ul style="list-style-type: none"> All courses are prerequisites for future coursework.
CORE	RAD210 Clinical Practicum II	1.5	
CORE	RAD220 Clinical Practicum III	1.5	
Total Credits		4	
Academic Plan: Fall 2 nd Year			Notes
Requirement	Course	Credits	
CORE	RAD111 Image Evaluation	2	<ul style="list-style-type: none"> All courses are prerequisites for future coursework.
CORE	RAD155 Radiographic Biology	3	
CORE	RAD165 Radiographic Pharmacology	3	
CORE	RAD176 Image Intensification and QA/QC	3	
CORE	RAD230 Clinical Practicum IV	4.5	
Total Credits		15.5	
Academic Plan: Spring 2 nd Year			Notes
Requirement	Course	Credits	
CORE	RAD170 Radiographic Pharmacology	3	
CORE	RAD185 Radiographic Curriculum Review and Prof Develop	3	
CORE	RAD240 Clinical Practicum V	4.5	
Total Credits		10.5	
Total Program Credits			
		87	

*For a list of elective and general education courses visit, the [degree/certificate plan webpage](#).

^This general education requirement must be met by a MOTR equivalent course; see [MOTR webpage](#).

The Computer Literacy (CPLT) requirement must be completed with a grade of "C" or better.