

**CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE / COLLEGE OF SCIENCE AND HEALTH
ASSOCIATE OF SCIENCE DEGREE IN RADIOLOGIC TECHNOLOGY (21 MONTHS)
MASTER PLAN FOR PROFESSIONAL CURRICULUM SCHEDULE
2022 - 2024**

YR.	SEMESTER	COSH#	PROGRAM COURSE TITLE	UNITS	IR*	TOTAL
1st	FALL 16 weeks	RAD 102	Introduction to Radiologic Technology	3		
		RAD 103	Radiographic Positioning I w/Lab	3		
		RAD 105	Methods of Patient Care	2		
		RAD 107	Introduction to Radiography Physics	3		
		RAD 120	Clinical Practicum I	3		
		ILR 101	**Information literacy and Research Methods		1	
			Total Clinical Hours 384			15
1st	SPRING 16 weeks	RAD 104	Radiographic Positioning II w/ Lab	3		
		RAD 112	Principles of Radiation Exposure I	3		
		RAD 130	Clinical Practicum II	2		
		COM 131 or HUM 231	**Unrestricted Elective or *Introduction to Spanish or Introduction to Humanities		3	
		PHE 250	**Community Health Issues		2	
			Total Clinical Hours 256			13
1st	SUMMER 12 weeks	RAD 106	Radiographic Positioning III w/Lab	3		
		RAD 113	Principles of Radiation Exposure II	3		
		RAD 140	Clinical Practicum III	4		
		COM 231	**Spanish for Healthcare Professionals		3	
			Total Clinical Hours 384			13
2nd	FALL 16 weeks	RAD 209	Radiographic Positioning IV w/Lab	3		
		RAD 215	Advanced Radiographic Procedures	3		
		RAD 220	Clinical Practicum IV	4		
		RAD 216	Principles of Radiation Exposure III	3		
					Total Clinical Hours 512	
2nd	SPRING 16 weeks	RAD 217	Sophomore Seminar II & Certification Preparation	6		
		PHE 255	**Social-Behavioral Dynamics of Health Sophomore Seminar		1	
		RAD 230	Clinical Practicum V	3		
			Total Clinical Hours 384			10
2nd	SUMMER 12 weeks		Certification Remediation			
			Clinical Remediation			
			Total Professional Course Units			54
			Total General Education Units and In Residency			27
			Unrestricted Elective			3
			Total Program Unit Requirement			84
			Total Clinical Clocked Hours			1920

PROGRAM PREREQUISITE COURSES	UNITS
*Medical Terminology	3
*Introduction to Human Anatomy and Physiology	4

*These courses are required for program matriculation
Units do not count toward program unit total
See the university catalog for general studies degree requirements

COM 131 Introduction to Spanish is a prerequisite course for COM 231 Spanish for Healthcare Professionals. Students taking COM 131 may use this course to satisfy their unrestricted elective requirement. See catalog course description and prerequisite requirement for COM 231. ILR 101 must be completed in residency

Students who have taken a year of high school Spanish or who have taken a college level 3 unit Spanish course within the last three years, or preapproval by the instructor based on a competency examination.

NOTE: This curriculum schedule was a correct representation of the program at the time of its preparation. The right is reserved to modify this curriculum at anytime. It is the university's responsibility to provide a curriculum, which fulfills all intra and extra institutional requirements. All potential graduates must pass a program competency examination prior to ARRT testing. A total of **50** hours of community service must be completed prior to completing the program. **MINIMUM REQUIREMENTS FOR GRADUATION 1920 CLINICAL HOURS. RAD SPECIFIC COURSES FROM OTHER SCHOOLS WILL NOT BE ACCEPTED AS TRANSFER COURSES. 84 TOTAL UNITS ARE REQUIRED FOR PROGRAM COMPLETION.**

COURSE#	GENERAL STUDIES REQUIREMENTS	UNITS
Category A: Written and Oral Communication in Critical Thinking 6 units		
ENG 111	English Composition	3
COM 111	Public Speaking	3
Category B: Physical Universe and Mathematical Concepts 6 Units		
MTH 121	Elementary Algebra	3
CPU 125	Introduction to Computers with ILR 101	3
**ILR 101	Information Literacy and Research Methods	
Category C: Arts and Humanities 3 Units		
HUM 231	Introduction to Humanities	3
Category D: Social and Behavioral Science 6 Units		
HIST 141	U.S. History	3
POL 141	Political Science/Social Science	3
Category E: Diversity, Service and Community Health 6 Units (In Residency)		
**COM 231	Spanish for Healthcare Professionals	3
**PHE 255	Sophomore Health Seminar and Capstone	1
**PHE 250	Community Health Issues	2
Unrestricted Elective Requirement		
*COM 131	Introduction to Spanish or 1 year high school Spanish **Unrestricted Elective (In residency requirement)	3
TOTAL UNITS FOR GENERAL STUDIES REQUIREMENTS		27/30

*Prerequisite for COM 231 Spanish for Healthcare Professionals only
** Must be taken in residency

PROGRAM GOALS:

Goal #1: Graduate students who will be clinically competent.

Student Learning Outcomes:

- Students will apply accurate positioning skills.
- Students will select appropriate technical factors.
- Students will use appropriate radiation protection measures.

Goal #2: Graduate students who will be able to demonstrate communication skills.

Student Learning Outcomes:

- Students will demonstrate oral communications skills.
- Students will demonstrate written communication skills.

Goal #3: Graduate students who will demonstrate problem solving and critical thinking skills.

Student Learning Outcomes:

- Students will successfully complete all laboratory experiments.
- Students will adapt to non-routine positioning situations.

Goal # 4: Graduate students who are ethical and professional.

Student Learning Outcomes:

- Graduates will demonstrate professionalism upon employment.
- Students will learn how to protect patient information.
- Students will develop a professional portfolio.