

**B.S. IN MEDICAL IMAGING TECHNOLOGY (120 cr. hours)****College of Health Sciences****4-Year Degree Plan [sample]****YEAR ONE**

Fall Semester (15 cr. hours)		credits	grade
	PHSL-P 261 Human Anatomy and Physiology 1	5	
	ENG-W 131 Elementary Composition 1	3	
	SPCH-S 121 Public Speaking	3	
	AHLT-R 185 Medical Terminology	1	
	CSCI-A106 Introduction to Computing	3	

**Spring Semester (15 cr. hours)**

	PHSL-P 262 Human Anatomy and Physiology 2	5	
	MATH-M 111 Mathematics in the World	3	
	COAS-Q 110 Introduction to Information Literacy	1	
CSV Diversity in United States Society		3	
FL Critical Thinking		3	

**Summer Semester (4 cr. hours)**

Summer Session I: CC*	Common Core Course	3	
Summer Session II: ASR Restriction	AHLT-R 103 Introduction to Clinical Radiography	1	

**YEAR TWO**

Fall Semester (12 cr. hours)		credits	grade
	AHLT-R 100 Orientation to Radiographic Technology	2	
	AHLT-R 101 Radiographic Procedures I	3	
ASR Restriction			
	AHLT-R 102 Principles of Radiography I	3	
	AHLT-R 181 Clinical Experience - Radiography I	4	

**Spring Semester (12 cr. hours)**

	AHLT-R 201 Radiographic Procedures II	3	
ASR Restriction	AHLT-R 208 Topics in Radiography VT: Computer Application in Medical Imaging	1	
	AHLT-R 250 Physics Applied to Radiology	3	
	AHLT-R 182 Clinical Experience-Radiography II	5	

**Summer Semester (8 cr. hours)**

Summer Session I: ASR Restriction	VT: Venipuncture and Pharmacology	1	
	AHLT-R 281 Clinical Experience-Radiography III	3	
Summer Session II: ASR Restriction	AHLT-R 282 Clinical Experience-Radiography IV	4	

FL Fundamental Literacies CSV Contemporary Social Values CC Common Core\* (Choice of one Common Core class, must be at the 300 level)

**ASR Restriction:** students must be admitted to the Associate of Science in Radiography Clinical/Professional Program

**BSMIT Restriction:** Students must have graduated with an Associate of Science in Radiography from a program accredited by the Joint Review Committee on Education in Radiologic Technology, completed the BSMIT general education course work, and be a Registered Radiographer R.T. (R)

**YEAR THREE**

Fall Semester (12 cr. hours)		credits	grade
	AHLT-R 200 Pathology	2	
ASR Restriction	AHLT-R 202 Principles of Radiography II	3	
	AHLT-R 205 Radiographic Procedures III	3	
	AHLT-R 283 Clinical Experience-Radiography V	4	

**Spring Semester (12 cr. hours)**

	AHLT-R 207 Seminar Optional	1	
ASR Restriction	AHLT-R 222 Principles of Radiography III	3	
	AHLT-R 260 Radiobiology and Protection	3	
	AHLT-R 290 Comprehensive Experience	6	

**YEAR FOUR**

Fall Semester (15 cr. hours)		credits	grade
	AHLT-R 404 Sectional Imaging Anatomy	3	
	AHLT-R 405 Advanced Diagnostic Imaging I	3	
BSMIT Restriction	AHLT-R 407 Seminar-Advanced Medical Imaging Techniques	3	
Students will choose one (1) clinical practicum	AHLT-R482 Clinical Practicum-Computed Tomography	6	
	AHLT-R 483 Clinical Practicum-Magnetic Resonance Imaging	6	
	AHLT-R 484 Clinical Practicum-Ultrasound	6	

**Spring Semester (15 cr. hours)**

	AHLT-R 406 Advanced Diagnostic Imaging II	3	
BSMIT Restriction	AHLT-R 408 Topics in Radiological Science	3	
	AHLT-R 409 Project in Medical Imaging	3	
Student continues clinical practicum from fall term	AHLT-R482 Clinical Practicum-Computed Tomography	6	
	AHLT-R 483 Clinical Practicum-Magnetic Resonance Imaging	6	
	AHLT-R 484 Clinical Practicum-Ultrasound	6	

**Summer Semester (8 cr. hours)**

Summer Session I: BSMIT Restriction	AHLT-R 484 Clinical Practicum-Ultrasound Only	4	
Summer Session II: BSMIT Restriction	AHLT-R 484 Clinical Practicum-Ultrasound Only	4	