Curriculum Map – Computed Tomography/Magnetic Resonance Program (Applies if student chooses to complete the Radiography Component at MSU)

NOTE: If you are required to complete any developmental courses, you may not be able to complete the degree in four years. This curriculum map assumes that you have not transferred in any previously completed college level courses.

Pre-admission

	FIRST YEAR COURSE SCHEDULE									
\checkmark	Fall Semester	Code	Credits	\checkmark	Spring Semester	Code	Credits			
	NSC I - BIOL 234: Principles of Anat.& Phys. I (Exchange)	P, G	3		BIOL 235: Principles of Anat. & Phys. II	P	3			
	CIS 101: Computer Literacy	P	3		*HUM 1 - Humanities - Elective	P, G	3			
	ENG 100: Writing I	P, G	3		*SBS2 - Social and Behavioral Sciences - Elective	P, G	3			
	MATH 152: College Algebra	P, G	3		+RSCI 110: Introduction to Radiologic Sciences	P	1			
	FYS 101: First Year Seminar	G	3		COMS 108: Fundamentals of Speech Comm.	P, G	3			
					IMS/NURS 202: Medical Terminology	P	2			
	Total Credit Hours		15		Total Credit Hours		15			

+Consideration may be granted for this course to be completed after admission during the first semester.

	SECOND YEAR COURSE SCHEDULE								
\checkmark	Fall Semester	Code	Credits	\checkmark	Spring Semester	Code	Credits		
	ENG 200: Writing II	G, P	3		RSCI 230: Radiographic Clinical Internship I	P	10		
	RSCI 200: Patient Care	P	3		RSCI 330: Imaging Pathology	U, P	2		
	RSCI 206: Radiographic Anatomy, Positioning and Imaging Production I	P	5						
	RSCI 210: Radiographic Equipment and Imaging I	P	3						
	Total Credit Hours		14		Total Credit Hours		12		

✓	Summer I or Summer II				Summer I or Summer II		
	++RSCI 310: Radiographic Anatomy, Positioning and Imaging Production II	U, P	4		SBS 1 - Social and Behavioral Sciences - Elective	P, G	3
				*	NSC 2 - Natural Sciences - Elective	P, G	3
	Total Credit Hours		4		Total Credit Hours		6

⁺⁺May be taken Summer I or Summer II

		THIRD	YEAR CO	OUR!	SE SCHEDULE		
√	Fall Semester	Code	Credits	√	Spring Semester – Applications for the Baccalaureate Degree Programs are due by 1 st Monday of April	Code	Credits
	RSCI 300: Film Critique and Evaluation	U, P	2		RSCI 335: Radiation Biology and Protection	U, P	2
	RSCI 320: Radiography Clinical Internship II	U, P	10		RSCI 340: Radiographic Equipment and Imaging II	U, P	3
					RSCI 346: Radiation Physics and Electronics	U, P	2
					RSCI 350: Seminar in Radiography	U, P	2
					*HUM 2 - Humanities - Elective	G, P	3
	Total Credit Hours		12		Total Credit Hours		12
Pos	t-admission						
\checkmark	Summer I			\checkmark	Summer II		
					CTMR 405: CTMR Sectional Anatomy	U, O	4
					CTMR 413: Advanced Patient Care	U, O	2
	Total Credit Hours				Total Credit Hours		6

Post-admission

FOURTH YEAR COURSE SCHEDULE										
\checkmark	Fall Semester	Code	Credits	\checkmark	Spring Semester	Code	Credits			
	CTMR 403: Computed Tomography Physics and Instrumentation	U, O	3		CTMR 451: MR Physical Principles of Image Formation	U, O	4			
	CTMR 443: Imaging Procedures in CT	U, O	4		CTMR 455: Imaging Procedures in Magnetic Resonance	U, O	3			
	CTMR 467: Computed Tomography Practicum I	U, O	5		CTMR 461: Magnetic Resonance Practicum I	U, O	5			
	CTMR 483: Seminar in CT	U, O	2		CTMR 499C: Seminar in Magnetic Resonance	U, G	3			
	Total Credit Hours		14		Total Credit Hours		15			

\checkmark	Summer I			\checkmark	Summer II		
	CTMR 477: Advanced Imaging Practicum I	U, O	4		CTMR 485: Advanced Imaging Practicum II	U, O	4
	Total Credit Hours		4		Total Credit Hours		4

^{*}General Education Distribution Courses may be taken in any sequence.

Courses in *Italics* are restricted.

Special Instruction:

More than two failures of pre-radiologic sciences courses within two years of application to the program will result in ineligibility. Refer to catalog BSIS - CTMR Admission Criteria.

Special Admissions Requirements:

The program has a selective admissions process. The number of clinical placement positions limits enrollment. Should the number of qualified applicants exceed the enrollment capacity, the successful applicants with the highest grade point average in the required general education courses, support courses, and radiography courses will be selected. Applications must be received by the first Monday in April. Refer to catalog for additional admission criteria and application procedure. Note: See below for additional information.

Codes

- (*) Denotes General Education Distribution Courses.
- (P) Pre-Requisite Course
- (U) Upper Division Course (must complete 42 hours)
- (O) Option Course
- (G) General Education Course

Rev 05/14/wgg