

# Curriculum Map – Diagnostic Medical Sonography Track

## Bachelor of Science in Imaging Sciences

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.

All students must have 36 hours of general education courses which include:

- |  |                           |
|--|---------------------------|
| FYS – First Year Seminar                   | ENG 100 – Core Writing I  |
| COMS 108 – Fund. Of Speech Communication   | ENG 200 – Core Writing II |
| MATH 131, 135, 152, 174 or 175 - CORE Math | Capstone                  |

One 3 credit hour course from each of the following categories

- |        |        |        |
|--------|--------|--------|
| HUM I  | SBS I  | NSC I  |
| HUM II | SBS II | NSC II |

The approved course list may be accessed on the General Education site (log into MyMoreheadState and then open the “Academics” tab)

PRE-ADMISSION COURSE SCHEDULE							
<input type="checkbox"/>		Code	Credits	<input type="checkbox"/>		Code	Credits
	FYS 101: First Year Seminar / SBS	P,G	3		Natural Sciences I BIOL 234: Principles of Anatomy & Physiology I (Exchange)	P,G	3
	ENG 100: Writing 1	P,G	3		Natural Sciences II	P,G	3
	ENG 200: Writing II	P,G	3		Humanities I	P,G	3
	MATH 152: College Algebra*	P,G	3-4		Humanities II	P,G	3
	COMS 108: Fund of Speech Comm	P,G	3		Social & Behavioral Sciences I	P, G	3
	BIOL 235: Principles of Anatomy & Physiology II	P	3		Social & Behavioral Sciences II**	P, G	3
	IMS / NURS 202: Medical Terminology	P	2		Pre-licensure credits from certificate or associate degree radiography program	P	40
<b>Total Credit Hours</b>			20-21	<b>Total Credit Hours</b>			58

\*Or Math 174 or 175

\*\*The program strongly recommends PSY 154 for SBS II.

FOURTH YEAR COURSE SCHEDULE			
<input type="checkbox"/>		Code	Credits
	Second Summer Session		
	DMS 400: Introduction to Sonography	U,R	1
	DMS 402A: Scanning Techniques I	U,R	1
	DMS 408: Sonographic Sectional Anatomy	U,R	2
<b>Total Credit Hours</b>			<b>4</b>

FOURTH YEAR COURSE SCHEDULE							
<input type="checkbox"/>	Fall Semester	Code	Credits	<input type="checkbox"/>	Spring Semester	Code	Credits
	DMS 410: Abdominal Sonography	U,R	2		DMS 426A: Scanning Techniques IV	U,R	1
	DMS 412A: Scanning Techniques II	U,R	1		DMS 428: Obstetrical Sonography	U,R	2
	DMS 416A: Scanning Techniques III	U,R	1		DMS 438: Selected Topics in Sonography	U,R	2
	DMS 418: Genitourinary Sonography	U,R	2		DMS 441: Sonographic Physics & Instrumentation II	U,R	2
	DMS 420: Sonographic Physics & Instrumentation I	U,R	2		DMS 442A: Scanning Techniques V	U,R	1
	DMS 430: Sonography Internship I	U,R	6		DMS 450: Sonography Internship II	U,R	6
<b>Total Credit Hours</b>			<b>14</b>	<b>Total Credit Hours</b>			<b>14</b>

FOURTH YEAR COURSE SCHEDULE			
<input type="checkbox"/>	Summer Session	Code	Credits
	DMS 499C: Seminar in Sonography	U,R	3
<b>Total Credit Hours</b>			<b>3</b>

## FOURTH YEAR COURSE SCHEDULE

First Summer Session	Code	Credits		Second Summer Session	Code	Credits
DMS 470: Sonography Internship III	U,R	4	<input type="checkbox"/>	DMS 490: Sonography Internship IV	U,R	3
<b>Total Credit Hours</b>		<b>4</b>		<b>Total Credit Hours</b>		<b>3</b>

(E) Elective,  
(P) Pre-requisite

(G) General Education Course  
(R) Required Course

(S) Supplemental  
(U) Upper Division Course 300-400 level (you must have 42 hours)

Accreditation standards, program resources, and availability of clinical practicum sites influence DMS Track enrollment capacity. The DMS Track has a selective admissions process based on a minimum GPA of 2.5. When the number of qualified applicants exceeds DMS Track enrollment capacity, applicants with the highest GPAs in the required general education courses, support courses, and radiography courses will be selected. Applicants must be graduates of the MSU Radiography Program or another radiography program accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). They must hold current certification in Radiography from the American Registry of Radiologic Technologists (ARRT) by the start of the DMS Track. They must have current certification in Basic Life Support for Health Care Providers by the American Heart Association. Applicants must be in compliance with and clear all immunizations, criminal background checks, drug screening, health and physical capability requirements and any other requirements established by the Department of Kinesiology, Health, and Imaging Sciences.

*Rev 11/16/wgg; Rev 02/15/wgg; Rev 05/14/wgg*