

DMS CURRICULUM THREE YEAR PLAN

Course	Course Title	Credits	CORE 39
<u>CAP course work/Fall semester-FIRST Year</u>			
*ENG 101	Composition I	3	
*ENG 201	Composition II	3	
*CMST 101/107	Communication	3	
*MATH 111/114/ 215/230	Mathematics	3	
*PHYS 101	Introduction to Physical Sciences	3	WOK-S & MI
*HP 115	Medical Terminology	2	
*BIOL 121	Anatomy & Physiology I	4	BS-NS Lab
*BIOL 122	Anatomy & Physiology II	4	BS-NS
*RADT 196	Orient. to Rad. & Imaging Sciences	2	
*WOK-SI	Choose course from WOK-Social Inquiry	3	WOK-SI
*UNIV 101	First Year Experience	1	
		<u>31</u>	
<p><i>The courses listed above shaded in GRAY must be completed with a C or better. Some courses may be in progress during freshman fall semester at USI. If completed, the grade must be available to be eligible to apply to the DMS program. If courses in progress during fall semester, the six-week course progress grade must be a C or better to be eligible to interview with the admission committee.</i></p>			
<u>Spring Semester-FIRST Year</u>			
DMS 301*	Patient Care for Imaging Sciences Professionals	2	
DMS 312*	Introduction to DMS Principles & Procedures	2	
DMS 313*	Sonographic Sectional Anatomy	2	
BS-SS	Choose course from BS-Social Science	3	BS-SS
BS-World L/C	Choose course from BS World L/C	3	BS-World L/C
WOK elective	Choose course from Cr/A, HI, World L/C	3	WOK
KIN 192/281	Physical activity/wellness	1	
		<u>16</u>	
<u>Summer Semester-FIRST Year</u>			
DMS 315*	Abdominal Procedures	3	
DMS 316*	Sonographic Lab Practice I	3	
HP 211	Health Care System	3	
		<u>9</u>	
<u>Fall Semester-SECOND Year</u>			
DMS 321*	Sonographic Physics & Instrumentation I	3	
DMS 323*	Obstetric Procedures	3	
DMS 324*	Gynecology Procedures	3	
DMS 326*	Sonographic Lab Practice II	2	
DMS 327*	Clinical Practice I (24 hours per week)	3	
		<u>14</u>	
<u>Spring Semester-SECOND Year</u>			
DMS 331*	Sonographic Physics and Instrumentation II	3	
DMS 332*	Small parts, Neurosonography & Specialties	3	
DMS 333*	Critique, Clinical Correlation & Case Analysis	3	EE-Writing
DMS 337*	Clinical Practice II (32 hours per week)	4	
IPH 356	Health Care Ethics	3	WOK-M/E & EE-Diversity
		<u>16</u>	

Courses listed with (*) must be completed with a grade C or better

The DMS student will complete ONLY ONE option, either vascular or echocardiography

Option 1 – General Sonography + Vascular Specialty

Summer Semester-SECOND Year

DMS 347*	Advanced Clinical Practice (32 hours per wk)	4	
DVT 398*	Introduction to Sonographic Vascular Lab	2	
DVT 401*	Introduction to Vascular Anatomy & Procedures	<u>2</u>	
		8	

Fall Semester-THIRD Year

DVT 402*	Vascular Procedures I	3	
DVT 423*	Sonographic Vascular Lab Practice I	2	
DVT 426*	Clinical Practice I-Vascular (32 hours per wk)	4	
Writing (EE)	Choose EE-Writing Course 400 Level	<u>3</u>	EE-Writing
		12	

Spring Semester-THIRD Year

DVT 421*	Vascular Procedures II	2	
DMS 436*	Sonographic Professional Advancement Sem.	3	
DVT 437*	Clinical Practice II-Vascular (24 hours per wk)	3	
HI 301 OR HA 431	Choose ONE HI 301 Health Informatics OR HA 431 Health Care Quality	3	
IPH 401	IP Perspectives in Global Health	<u>3</u>	EE-Global
		14	

Option 2 - General Sonography + Echocardiography Specialty

Summer Semester-SECOND Year

DMS 347*	Advanced Clinical Practice (32 hours per wk)	4	
ECHO 398*	Introduction to Echocardiography Lab	2	
ECHO 401*	Introduction to Echocardiography	<u>2</u>	
		8	

Fall Semester-THIRD Year

ECHO 402*	Advanced Echocardiography	3	
ECHO 423*	Echocardiography Lab Practice I	2	
ECHO 426*	Clinical Practice I-Cardiac (32 hours per wk)	4	
Writing (EE)	Choose EE-Writing course	<u>3</u>	EE-Writing
		12	

Spring Semester-THIRD Year

ECHO 421*	Fetal Echocardiography	2	
DMS 436*	Sonographic Professional Advancement Sem.	3	
ECHO 437*	Clinical Practice II-Cardiac (24 hours per wk)	3	
HI 301 OR HA 431	Choose ONE HI 301 Health Informatics OR HA 431 Health Care Quality	3	
IPH 401	IP Perspectives in Global Health	<u>3</u>	EE-Global
		14	

Courses listed with (*) must be completed with a grade C or better

Update 11/14/19

