

## Diagnostic Medical Sonography 3-Year Curriculum

Course	Course Title	Credits	CORE 39
<u>CAP Coursework/Fall Semester-First Year</u>			
*ENG 101	Composition I	3	F
*CMST 101/107	Communication	3	F
*MATH 111/114/ 215/230	Mathematics	3	F
*BIOL 121	Anatomy & Physiology I	4	BS- NS Lab
*UNIV 101	First Year Experience	1	F
*HP 115	Medical Terminology	2	
*ENG 201	Composition II	3	F
*BIOL 122	Anatomy & Physiology II	4	BS-NS
*PHYS 101	Introduction to Physical Sciences	3	WOK-S & MI
*RADT 196	Orient. to Rad. & Imaging Sciences	2	
*WOK-SI	Choose course from WOK-Social Inquiry	<u>3</u>	WOK-SI
		31	
<p>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. Final grades or six-week grades must be available for all courses listed above.</p>			
<u>Fall Semester-Second Year</u>			
KIN 192/281	Physical activity/wellness	1	F
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
IPH 356	Health Care Ethics	3	WOK-M/E, EE-Diversity
HP 211	Health Care System	<u>3</u>	
		13	
<u>Spring Semester-Second 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	
IPH 401	IP Perspectives in Global Health	3	EE-Global
WOK elective	Choose course from Cr/A, HI, World L/C	<u>3</u>	WOK
		12	
<u>Summer Semester-Second Year</u>			
DMS 315*	Abdominal Procedures	3	
DMS 316*	Sonographic Lab Practice I	<u>3</u>	
		6	
<u>Fall Semester-Third 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)	<u>3</u>	
		14	
<u>Spring Semester-Third Year</u>			
DMS 331*	Sonographic Physics and Instrumentation II	3	
DMS 332*	Small parts, Pediatric and Specialty Sono Exams	2	
DMS 333*	Critique, Clinical Correlation & Case Analysis	3	EE-Writing
DMS 336*	Sonographic Lab Practice III	2	
DMS 337*	Clinical Practice II (24 hours per week)	<u>3</u>	
		13	

## Track 2A – General Sonography + Vascular Concentration

Course	Course Title	Credits	CORE 39
<u>Summer Semester-Third Year</u>			
DMS 347*	Advanced Clinical Practice (32 hours per week)	4	
DVT 398*	Introduction to Sonographic Vascular Lab	2	
DVT 401*	Introduction to Vascular Anatomy & Procedures	<u>2</u>	
		8	
<u>Fall Semester-Fourth Year</u>			
DVT 402*	Vascular Procedures I	3	
DVT 423*	Sonographic Vascular Lab Practice I	2	
DVT 426*	Clinical Practice I-Vascular (32 hours per week)	4	
Writing (EE)	Choose EE-Writing Course	<u>3</u>	EE-Writing
		12	
<u>Spring Semester-Fourth Year</u>			
DVT 421*	Vascular Procedures II	2	
DMS 436*	Sonographic Professional Advancement Sem.	3	
DVT 437*	Clinical Practice II-Vascular (24 hours per week)	3	
HI 301 OR HA 431	Choose ONE - HI 301 Health Informatics OR HA 431 Healthcare Quality	<u>3</u>	
		11	

## Track 2B - General Sonography + Cardiac Concentration

Course	Course Title	Credits	CORE 39
<u>Summer Semester-Third Year</u>			
DMS 347*	Advanced Clinical Practice (32 hours per week)	4	
ECHO 398*	Introduction to Echocardiography Lab	2	
ECHO 401*	Introduction to Echocardiography	<u>2</u>	
		8	
<u>Fall Semester-Fourth Year</u>			
ECHO 402*	Advanced Echocardiography	3	
ECHO 423*	Echocardiography Lab Practice I	2	
ECHO 426*	Clinical Practice I-Cardiac (32 hours per week)	4	
Writing (EE)	Choose EE-Writing course	<u>3</u>	EE-Writing
		12	
<u>Spring Semester-Fourth Year</u>			
ECHO 421*	Fetal Echocardiography	2	
DMS 436*	Sonographic Professional Advancement Sem.	3	
ECHO 437*	Clinical Practice II-Cardiac (24 hours per week)	3	
HI 301 OR HA 431	Choose ONE - HI 301 Health Informatics OR HA 431 Healthcare Quality	<u>3</u>	
		11	

\*ALL DMS, DVT and ECHO courses must be completed with a C or better to progress in the DMS program.