

Diagnostic Medical Sonography Curriculum

Course	Course Title	Credits	CORE 39
<u>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	<u>2</u>	
		16	
<u>Spring Semester-First Year</u>			
*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
		15	
The 11 prerequisite courses listed above with (*) must be completed with a C or better. All grades must be available to be eligible to apply to DMS program.			
<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	3	
DMS 333*	Critique, Clinical Correlation & Case Analysis	3	EE-Writing
DMS 337*	Clinical Practice II (32 hours per week)	<u>4</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.