

SONOGRAPHY (SONO)

SONO 210 Clinical Practice I 4 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Grade Mode: Normal Grading Mode

SONO 212 Abdominal Sonography I 4 Credit hours

This course covers basic abdominal sonographic positioning and scanning protocols, as it relates to abnormal anatomy, anatomical variants, physiology to include the retroperitoneum, associated abdominal vasculature identified.

Grade Mode: Normal Grading Mode

SONO 213 Ultrasound Physics I 3 Credit hours

The focus of this course is to educate students about the physics of sound waves and their interaction with tissue enabling the display of diagnostic imaging.

Grade Mode: Normal Grading Mode

SONO 214 Intro to Sonography 3 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Grade Mode: Normal Grading Mode

SONO 216 Abdominal Sonography II 3 Credit hours

This course covers basic abdominal sonographic pathology positioning and scanning protocols, as it relates to abnormal anatomy, anatomical variants, physiology to include the retroperitoneum, associated abdominal vasculature identified

Pre-req: SONO 212 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 217 Ultrasound Physics II 3 Credit hours

The focus of this course is to educate students about the physics of sound waves and their interaction with tissue enabling the display of diagnostic imaging.

Co-req: SONO 213

Grade Mode: Normal Grading Mode

SONO 220 Clinical Practice II 4 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Pre-req: SONO 210 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 310 Clinical Practice III 4 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Pre-req: SONO 210 with a minimum grade of D and SONO 220 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 315 Small Parts Sonography 3 Credit hours

This course covers anatomy, positioning and scanning protocol of the superficial structures (thyroid, scrotum, breast), neonatal brain, neonatal hip, neonatal spine, pediatric kidneys, pediatric abdomen, musculoskeletal system.

Pre-req: SONO 312 with a minimum grade of D and SONO 316 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 318 Vascular Sonography I 4 Credit hours

Discussion of vascular disease, duplex examinations with comparison to arteriography, as it pertains to venous and visceral vascular examinations.

Grade Mode: Normal Grading Mode

SONO 320 Clinical Practice IV 4 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Pre-req: SONO 210 with a minimum grade of D and SONO 220 with a minimum grade of D and SONO 310 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 410 Clinical Practice V 4 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Pre-req: SONO 210 with a minimum grade of D and SONO 220 with a minimum grade of D and SONO 310 with a minimum grade of D and SONO 320 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 416 Obstetrical Sonography I 4 Credit hours

This course covers basic obstetrical sonographic positioning and scanning protocols, as it relates to normal anatomy of the fetus.

Pre-req: SONO 212 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 417 Gynecological Sonography I 3 Credit hours

This course presents a study of anatomy and physiology of the nongravid and first trimester pelvis.

Grade Mode: Normal Grading Mode

SONO 418 Registry Review I 1 Credit hour

Designed to prepare the sonography student for their first specialty exam through the ARDMS. *Student's responsibility to let instructors know which review they wish to take...only one per semester.

Grade Mode: Normal Grading Mode

SONO 420 Clinical Practice VI 4 Credit hours

Clinical practice experiences are designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of sonographic procedures.

Pre-req: SONO 410 (may be taken concurrently) with a minimum grade of D.

Concurrent PR: SONO 410

Grade Mode: Normal Grading Mode

SONO 421 Gynecological Sonography II 2 Credit hours

This course covers basic sonographic positioning and scanning protocols, as it relates to abnormal anatomy, anatomical variants, and physiology to include a study of pathology of the nongravid and first trimester pelvis.

Pre-req: SONO 417 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 422 Obstetrical Sonography II 3 Credit hours

This course focuses on sonographic techniques in high-risk pregnancies and fetal abnormalities.

Pre-req: SONO 416 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 423 Adult Echocardiography I 4 Credit hours

This course covers basic adult heart sonographic positioning and scanning protocols, as it relates to normal anatomy, anatomical variants, physiology of the adult heart.

Grade Mode: Normal Grading Mode

SONO 424 Vascular Sonography II 3 Credit hours

Discussion of vascular pathology and the use of plethysmography techniques in sonography.

Pre-req: SONO 318 with a minimum grade of D.

Grade Mode: Normal Grading Mode

SONO 425 Adult Echocardiography II 4 Credit hours

This course covers basic adult heart sonographic positioning and scanning protocols related to normal anatomy, pathology, anatomical variants, and physiology of the adult heart.

Pre-req: SONO 423 (may be taken concurrently) with a minimum grade of D.

Concurrent PR: SONO 423

Grade Mode: Normal Grading Mode

SONO 433 Point-of-Care Ultrasound 3 Credit hours

This course will introduce basic principles of point of care ultrasound for students entering into the field of sonography and emergency medicine.

Grade Mode: Normal Grading Mode

SONO 436 Registry Review II 1 Credit hour

This course is designed to prepare the sonography student for the specialty exam through the ARDMS.

Grade Mode: Normal Grading Mode

SONO 438 Fetal Echocardiography 3 Credit hours

This course focuses on sonographic techniques in high-risk pregnancies and fetal heart abnormalities.

Pre-req: SONO 416 with a minimum grade of D.

Grade Mode: Normal Grading Mode