Courses

RTMS 339. Echocardiography I. 4 Units.
Focuses on normal anatomy, scan techniques, cardiac measurement, and new dynamics. Case study presentations.

RTMS 344. Introduction to Medical Sonography. 5 Units.
Introduction to sonography—including ob-gyn, abdomen, vascular, neurosonography, cardiac, and pediatric. Covers terminology and scan techniques for all areas.

RTMS 345. Ob-Gyn Sonography. 5 Units.
Ob-Gyn scan techniques, fetal anatomy and pathologies, gynecological anatomy and pathologies. Student case presentations and case studies.

RTMS 346. Vascular Technology/Doppler/Scan Techniques. 5 Units.
Covers vascular technology, Doppler, abdomen, and small parts. Continues case studies and case presentations.

RTMS 347. Echocardiography II. 4 Units.
Echocardiography, adult and pediatric. Further focuses on anatomy, pathology, hemodynamics, and Doppler. Includes case studies and presentations.

RTMS 348. Abdomen/Neurosonography. 5 Units.
Sonography of the abdomen and neonatal neurosonography specialties and scan techniques. Visualizes sonography of the abdomen, cross-section scan techniques, and pathologies on ultrasound. Includes neonatal neurosonography; anatomy and pathologies also included.

RTMS 371. Medical Sonography Clinical Affiliation. 12 Units.
Clinical experience in medical sonography (416 clock hours) covering a wide variety of technical procedures.

RTMS 372. Medical Sonography Clinical Affiliation. 12 Units.
Clinical experience in medical sonography (416 clock hours) covering a wide variety of technical procedures.

RTMS 373. Medical Sonography Clinical Affiliation. 12 Units.
Clinical experience in medical sonography (416 clock hours) covering a wide variety of technical procedures.

RTMS 379. Ultrasound Physics and Instrumentation I. 2 Units.
Studies the basic physical principles and instrumentation of ultrasound, with additional emphasis on Doppler and artifacts. Prerequisite: RTMS 339.

RTMS 381. Topics in Medical Sonography I. 1 Unit.
Surveys selected topics in medical sonography. Procedure summaries, projects, literature reviews.

RTMS 382. Topics in Medical Sonography II. 1 Unit.
Surveys selected topics in medical sonography. Procedure summaries, projects, literature reviews.

RTMS 383. Topics in Medical Sonography III. 1 Unit.
Surveys selected topics in medical sonography. Procedure summaries, projects, literature reviews.

RTMS 384. Topics in Medical Sonography IV. 1 Unit.
Includes board-review sessions; mock boards; and additional lectures in writing a CV, interviewing for a new position, and completing all paperwork associated with taking the national boards.

RTMS 385. Board Review Echocardiography. 2 Units.
Case presentations by faculty and students reviewing vast variety of pathologies, as well as normal anatomy. Prerequisite: RTMS 339, RTMS 347.

RTMS 387. Ultrasound Physics and Instrumentation II. 2 Units.
Study and review of the basic physical principles and instrumentation of ultrasound, with additional emphasis on Doppler and artifacts. Prerequisite: RTMS 379.

RTMS 421. Board Review OB-GYN Sonography. 1 Unit.
Board review presented in case study format; normal and pathologies involved in ultrasound evaluation of the OB-GYN specialty. Prerequisite: Completion of the first year of the medical sonography program.

RTMS 422. Board Review Abdomen. 1 Unit.
Board review presented in case study format; normal and pathologies involved in a wide variety of abdominal and small part ultrasound examinations. Prerequisite: RTMS 421.

RTMS 423. Board Review Vascular. 1 Unit.
Board review presented in case study format; normal and pathologies involved in a wide range of vascular ultrasound examinations. Prerequisite: RTMS 422.

RTMS 424. Professionalism in Medical Sonography. 1 Unit.
Presents a variety of topics to develop professionalism and prepare graduates for the work force. Topics include writing a resume/CV, interviewing, and communication. Prerequisite: RTMS 421, 422, 423.

RTMS 471. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 373.

RTMS 472. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 471.

RTMS 473. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of clinical technical experiences.

RTMS 474. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of clinical technical experiences.

RTMS 475. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of clinical technical experiences.

RTMS 476. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of clinical technical experiences.

RTMS 477. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of clinical technical experiences.

RTMS 965. Cardiac Ultrasound Clinical Affiliation. 12 Units.
Clinical experience in cardiac ultrasound (384 clock hours per quarter) covering a wide variety of technical procedures.

RTMS 966. Cardiac Ultrasound Clinical Affiliation. 11 Units.
Clinical experience in cardiac ultrasound (352 clock hours per quarter) covering a wide variety of technical procedures.

RTMS 967. Cardiac Ultrasound Clinical Affiliation. 11 Units.
Clinical experience in cardiac ultrasound (352 clock hours per quarter) covering a wide variety of technical procedures.

RTMS 968. Cardiac Ultrasound Clinical Affiliation. 12 Units.
Clinical experience in cardiac ultrasound (440 clock hours per quarter) covering a wide variety of technical procedures.

RTMS 971. Medical Sonography Clinical Affiliation. 11 Units.
A twelve-week, 384-hour clinical experience in medical sonography, consisting of four days/week rotations covering a wide variety of technical procedures.
RTMS 972. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (384 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 971.

RTMS 973. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 972.

RTMS 974. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 973.

RTMS 975. Medical Sonography Clinical Affiliation. 12 Units.
Clinical experience in medical sonography (384 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 974.

RTMS 976. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 975.

RTMS 977. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 976.

RTMS 978. Medical Sonography Clinical Affiliation. 11 Units.
Clinical experience in medical sonography (352 clock hours) covering a wide variety of technical procedures. Prerequisite: RTMS 977.