

BACHELOR OF SCIENCE IN RADIOLOGIC SCIENCES (BSRS) PROGRAM MISSION

The mission of the Northwestern State University BSRS Program is to provide students with advanced knowledge and skills through guided experiences and clinical practice that culminate in the development of professional radiologic technologists and sonographers who become an integral part of the healthcare community and society.

DIAGNOSTIC MEDICAL SONOGRAPHY MISSION

The mission of the Northwestern State University Diagnostic Medical Sonography Program is to provide students with advanced knowledge and skills through guided experiences and clinical practice to produce entry-level sonographers eligible for registration by the American Registry of Diagnostic Medical Sonographers in Abdominal sonography, OB/Gyn sonography, and vascular sonography.

DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM GOALS

The DMS program goal is to prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for the following concentrations it offers: abdominal sonography-extended, obstetrics and gynecology sonography, and vascular sonography. Consistent with the mission statement, the specific goals and learning outcomes for the educational program are listed below:

GOALS	STUDENT LEARNING OUTCOMES
Students will be clinically competent sonographers.	<ul style="list-style-type: none">• Students will proficiently operate ultrasound equipment and select appropriate transducers for different exams.• Students will acquire high-quality diagnostic images using various sonographic techniques, such as B-mode, Doppler, and color flow imaging.• Students will perform quality sonographic exams.• Students will develop assessment skills of an imaging professional.
Students will demonstrate critical thinking and problem-solving skills.	<ul style="list-style-type: none">• Students will evaluate a clinical situation and perform accordingly using critical thinking skills.• Students will critically evaluate and assess challenges within the healthcare administrative setting.• Students will accurately evaluate and report diagnostic findings.
Students will demonstrate professionalism, ethical conduct, and adherence to standards in sonography practice.	<ul style="list-style-type: none">• Students will demonstrate an understanding of professional advocacy.• Students will integrate adherence to professional behaviors.• Students will demonstrate ethical conduct in the clinic and classroom settings.
Students will demonstrate the ability to communicate effectively.	<ul style="list-style-type: none">• Students will demonstrate oral communication skills.• Students will demonstrate written communication skills.
Students will be prepared to take national sonography registry exams.	<ul style="list-style-type: none">• Students will achieve a benchmark score of 80% on registry mock exams.• Students will achieve a C or better in registry review courses.