

**ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)**

Ultrasonography is a diagnostic imaging procedure that utilizes high frequency sound waves to image abdominal organs, vessels, the heart, and the developing fetus in the maternal uterus. Ultrasound can demonstrate masses, fluid accumulations and other pathology in the patient. Ultrasound exams are performed under the supervision of a qualified physician. Students electing to take this area of study are prepared to enter the sonography field in the areas of abdominal, obstetrical/gynecological and vascular ultrasound. The student, upon graduation, will be eligible to sit for the National Registry Exams for Diagnostic Medical Sonography. Upon passing the exams, they will use the designation RDMS (Registered Diagnostic Medical Sonographer). This is a limited entry program and students must attend a health programs orientation and meet with a health programs advisor for additional counseling. The Diagnostic Medical Sonography Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the JRC-DMS which is located at 2025 Woodlane Drive, St. Paul, MN 55125, (651) 731-1582.

**STUDENT LEARNING OUTCOMES – Graduates of this program will have the opportunity to:**

- Demonstrate the ability to evaluate abdominal, obstetrical/gynecological and vascular ultrasonic images for appropriate anatomy and recognize pathologic conditions.
- Demonstrate the ability to operate ultrasound equipment and determine proper sonographic techniques, transducer size, and image setting to obtain quality images.
- Demonstrate the ability to anticipate and provide basic patient care and comfort during sonographic procedures.

**GENERAL EDUCATION REQUIREMENTS (27 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____
<b>ENGLISH:</b> ENG 100, 101, 107, 113	3-5	_____
<b>HUMAN RELATIONS:</b> ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
<b>MATHEMATICS:</b> MATH 111B, 116 or above (except MATH 122, 123)	3	_____
<b>SCIENCE:</b> BIOL 223, 224	8	_____
<b>FINE ARTS/HUMANITIES/ SOCIAL SCIENCES:</b> AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	3	_____
<b>U.S. AND NEVADA CONSTITUTIONS:</b> PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

**SPECIAL PROGRAM REQUIREMENTS (66 Credits):**

	CR	SEMESTER
<b>EGG 131</b> Technical Physics I OR <b>Physics with Lab</b>	4	_____
<b>HIT 117B</b> Medical Terminology I	1	_____
<b>SON 101B</b> Basic Sonography	3	_____
<b>SON 101L</b> Basic Sonography Laboratory	1	_____
<b>SON 125B</b> Sonographic Physics and Instrumentation I	3	_____
<b>SON 150B</b> Patient Care for Imaging Professions	3	_____
<b>SON 160B</b> Sonographic Scanning Lab I	2	_____
<b>SON 190B</b> Sonographic Physics and Instrumentation II	3	_____
<b>SON 195B</b> Sonographic Scanning Lab II	2	_____
<b>SON 210B</b> Abdominal Sonography I	3	_____
<b>SON 220B</b> Abdominal Sonography II	3	_____
<b>SON 235B</b> Gynecologic Sonography	3	_____
<b>SON 245B</b> Obstetrical Sonography I	3	_____
<b>SON 250B</b> Seminar and Case Review I	2	_____
<b>SON 255B</b> Seminar and Case Review II	2	_____
<b>SON 260B</b> Obstetrical Sonography II	3	_____
<b>SON 270B</b> Small Parts/Pediatric Sonography	2	_____
<b>SON 275B</b> Vascular Sonography I	3	_____
<b>SON 275L</b> Vascular Sonography Lab I	1	_____
<b>SON 276B</b> Vascular Sonography II	3	_____
<b>SON 276L</b> Vascular Sonography Lab II	1	_____
<b>SON 280B</b> Sonographic Clinical Practicum I	2	_____
<b>SON 281B</b> Sonographic Clinical Practicum II	2	_____
<b>SON 282B</b> Sonographic Clinical Practicum III	3	_____
<b>SON 283B</b> Sonographic Clinical Practicum IV	3	_____
<b>SON 284B</b> Sonographic Clinical Practicum V	3	_____
<b>SON 290B</b> Sonography Registry Review	2	_____

This is a limited-entry program. Some of these courses are program prerequisites and MUST be completed before a student is considered eligible for entry into the Program. Students MUST attend a Health Programs orientation and meet with a Health Programs advisor for additional advisement.

**93**  
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

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