



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

**New Program Report**

**Date Submitted:**

10/20/2021

**Institution**

Northwest Missouri State University

**Site Information**

**Implementation Date:**

1/3/2022 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Northwest Missouri State University, 800 University Drive, Maryville, MO, 64468-6001

**CIP Information**

**CIP Code:**

510910

**CIP Description:**

A program that prepares individuals, under the supervision of physicians, to utilize medical ultrasound techniques to gather sonographic data used to diagnose a variety of conditions and diseases. Includes instruction in obtaining, reviewing, and integrating patient histories and data; patient instruction and care; anatomic, physiologic and pathologic data recording; sonographic data processing; sonography equipment operation; and professional standards and ethics.

**CIP Program Title:**

Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

**Institution Program Title:**

Sonographic Sciences

**Degree Level/Type**

**Degree Level:**

Bachelor's Degree

**Degree Type:**

Bachelor of Science

**Options Added:**

**Collaborative Program:**

N

**Mode of Delivery**

**Current Mode of Delivery**

Classroom

**Student Preparation**



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Special Admissions Procedure or Student Qualifications required:

Acceptance into an affiliated clinical program is competitive and will be determined by the quality of academic work completed by the student during the first two years of study. Admission to the clinical portion of the program is decided entirely by the affiliated medical center. Acceptance into the University does not guarantee acceptance of the student by an affiliated clinical program.

Specific Population Characteristics to be served:

n/a

**Faculty Characteristics**

Special Requirements for Assignment of Teaching for this Degree/Certificate:

No special requirements above our normal standards for faculty appointments.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

50%

Expectations for professional activities, special student contact, teaching/learning innovation:

No expectations beyond our normal expectations for faculty.

**Student Enrollment Projections Year One-Five**

Year 1	Full Time: 4	Part Time: 0	
Year 2	Full Time: 8	Part Time: 0	
Year 3	Full Time: 8	Part Time: 0	Number of Graduates: 4
Year 4	Full Time: 8	Part Time: 0	
Year 5	Full Time: 8	Part Time: 0	Number of Graduates: 8

Percentage Statement:

n/a

**Program Accreditation**

Institutional Plans for Accreditation:

No plans to seek specialized accreditation due to the degree completion nature of this program.

**Program Structure**

Total Credits:

120

Residency Requirements:

n/a

General Education Total Credits:

44

Major Requirements Total Credits:

72

Course(s) Added.

COURSE NUMBER	CREDITS	COURSE TITLE
see	0	attached



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**Free Elective Credits:**

0

**Internship or other Capstone Experience:**

N/A

**Assurances**

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

**Contact Information**

First and Last Name: JAY  
JOHNSON

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Phone: 660-562-1277

BS Sonographic Sciences (No Minor Required) 2+2 Degree Completion Program

1. Northwest Core – 44-47 hours
2. Institutional Requirements – 4 hours
3. Required Courses – 35 hours
  - a. BIOL - 04102 - General Biology - 3 credits  
BIOL - 04103 - General Biology Laboratory - 1 credit  
OR  
BIOL - 04106 - Principles of Biology - 3 credits  
BIOL - 04107 - Principles of Biology Laboratory - 1 credit
  - b. MATH - 17118 - Precalculus Algebra - 3 credits
  - c. PHYS - 25110 - General Physics I - 3 credits
  - d. PHYS - 25111 - General Physics I Laboratory - 1 credit
  - e. PHIL - 39276 - Biomedical Ethics - 3 credits
  - f. SOC - 35101 - General Sociology - 3 credits
  - g. COM - 29102 - Fundamentals of Oral Communication - 3 credits
  - h. BIOL - 04104 - Medical Terminology - 3 credits
  - i. BIOL - 04236 - Anatomy Allied Health - 4 credits
  - j. BIOL - 04238 - Physiology Allied Health - 4 credits
  - k. CHEM - 24114 - General Chemistry I - 3 credits
  - l. CHEM - 24115 - General Chemistry I Laboratory - 1 credit
4. Sonography Courses – 57-63 hours
  - a. Transferred in from affiliated hospitals' schools of Diagnostic Medical Sonography
5. Free Electives – balance remaining to fulfill 120 graduation requirement