



General Sonography – Associate in Applied Science (GSON.AAS)

A sonographer is the allied health professional who, for diagnostic purposes, uses high frequency sound waves to create cross sectional images of the patient's anatomy. Sonographers work in professional harmony with both the radiologist and the clinical physician. Sonographers are required to demonstrate a great deal of independent judgment.

The general sonography program is an online program accredited by the Commission for Accreditation of Allied Health Educational Programs (CAAHEP) in the United States. It is a program leading to an Associate in Applied Science degree. The curriculum consists of integrated educational and clinical course work with a minimum of 1,350 supervised clinical hours in an approved clinical education affiliate. The program prepares the students for employment in two specialties (abdomen/superficial structures and obstetrics/ gynecology) within the field of general sonography; positions are located within hospitals, medical clinics, and other diagnostic imaging institutions. Upon successful completion, students are eligible to apply for the American Registry for Diagnostic Medical Sonography (ARDMS) exams in Physics and Instrumentation, Abdomen and Obstetrics/Gynecology.

There are special admissions requirements to the sonography programs, and it is the student's responsibility to understand the requirements and adhere to them. Entry into a program is competitive and based on a "point system." Point values are based on grades earned in prerequisite coursework and the interview process.

Applications are processed according to the following:

- Applications must be received by the Allied Health Office by January 31.
- Diagnostic Medical Sonography Admission Committee conducts consultations.
- Students are notified by mail of application/consultation results.

- Accepted students begin spring semester.
- General education prerequisites and related requirement courses must be completed before admission to the program.

Minimum credits: 80

Minimum cumulative GPA: 2.0

Minimum grade in BIO 132 or BIO 253/254, HOC 130 and MOA 120: 3.0

Minimum grade in all courses: 2.0

Minimum Jackson College credits: 15

GENERAL EDUCATION REQUIREMENTS (21 CREDITS)

GEO 1: Write clearly, concisely and intelligibly (3 credits)

Take the following:

ENG 131 Writing Experience I or

ENG 132 Writing Experience II

GEO 2: Recognize the importance of equity and inclusion in a diverse society (3 credits)

Choose one of the following:

COM 250 Intercultural Communication

GEO 3: Demonstrate computational skills and mathematical reasoning (4 credits)

Take the following:

MAT 130 Quantitative Reasoning (or higher)

GEO 4: Demonstrate scientific reasoning (4-8 credits)

Choose one of the following:

BIO 132 Human Biology OR

BIO 253 Human Anatomy and Physiology I AND

BIO 254 Human Anatomy and Physiology II

GEO 5: Understand human behavior and social systems, and the principles which govern them (4 credits)

Take the following:

PSY 140 Introduction to Psychology



GEO 6: Understand aesthetic experience and artistic creativity (3 credits)

Choose one of the following:

HUM	131	Cultural Connections
ENG	249	African-American Literature

GENERAL SONOGRAPHY RELATED REQUIREMENTS (14 CREDITS)

Take the following:

DMS	100	Introduction to Diagnostic Imaging
DMS	104	Intro to Sonographic Instrumentation
HOC	130	Introduction to Health Occupations
MOA	120	Medical Terminology
PHY	145	Introduction to Basic Physics

GENERAL SONOGRAPHY CORE REQUIREMENTS (45 CREDITS)

Take the following:

DMS	101	Sonographic Orientation
DMS	105	Sonographic Techniques
DMS	122	Clinical Experience I
DMS	197	Introduction to Clinical
DMS	200	Abdomen and Small Parts Sonography
DMS	201	Obstetric and Gynecologic Sonography
DMS	206	Sonographic Instrumentation
DMS	212	Comprehensive Sonography
DMS	223	Clinical Experience II
DMS	224	Clinical Experience III