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General Sonography Associate in Applied Science



Health Sciences Career Pathway

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 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 & 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 Physic/Instrumentation, Abdomen/Superficial structures 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 "points system." Point values are based on grades earned in prerequisite coursework and the interview process.

Applications are processed according to the following timeline:

- Applications must be received by the Allied Health Office by January 31.
- Questionnaires will be mailed to eligible applicants.
- Completed questionnaires must be returned by the stated due date.
- DMS Admission Committee conducts interviews.
- Applicants notified by mail for Spring semester start.

General education prerequisites and related requirement courses must be completed before admission to the program.

Minimum credits:	74
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum grade in BIO 155, HOC 130 and MOA 120:.....	3.0
Minimum JCC credits:	12
MACRAO agreement:	No

GENERAL EDUCATION REQUIREMENTS — (17 credits)

ENGLISH — (3 credits)

ENG 131 Writing Experience	3
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MATHEMATICS — (3 credits)

MTH 131 Intermediate Algebra or higher	3
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SCIENCE — (5 credits)

BIO 155 Human Anatomy & Physiology	5
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SOCIAL SCIENCE — (3-4 credits)

PSY 140 Introduction to Psychology	4
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HUMANITIES — (3 credits)

Choose one of the following:

ART 111 Art History: Prehistoric to 1400	3
ART 112 Art History: Renaissance to Present	3
ENG 210 Introduction to Film	3
ENG 236 Women in Changing Society	3
ENG 246 Short Story & Novel	3
ENG 247 Poetry and Drama	3
ENG 249 African American Literature	3
ENG 252 Shakespeare	3
ENG 254 Children's Literature	3
ENG 255 American Literature 19th Century	3
ENG 256 American Literature 20th Century	3
ENG 257 World Literature I	3
HUM 131 Cultural Connections	3
MUS 130 Survey of Non-Western Music	3
MUS 131 Understanding Music	3
MUS 132 History of American Popular Music.....	3
MUS 133 Music Education	3
MUS 151 Music Theory I	4
MUS 152 Music Theory II	4
PHL 231 Introduction to Philosophy	3
PHL 232 Logic	3
THR 116 Introduction to Theatre	3

HEALTH/PHYSICAL FITNESS — (1 credit)

Choose one of the following:

HPF 160 Wellness	1
HPF 168 Weight Training & Conditioning	2
HPF 221 Jazz Techniques	3
HPF 277 Stress Management	2



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General Sonography
Associate in Applied Science *(cont'd.)*



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RELATED REQUIREMENTS — (18 credits)

CIS 101 Introduction to Computer Systems3
 DMS 100 Introduction to Diagnostic Imaging3
 DMS 104 Intro to Sonographic Instrumentation3
 HOC 130 Introduction to Health Occupations3
 MOA 120 Medical Terminology3
 SPH 231 Communication Fundamentals or
 SPH 240 Interpersonal Communications.....3

GENERAL SONOGRAPHY CORE — (40 credits)

DMS 101 Sonographic Orientation3
 DMS 105 Sonographic Technique3
 DMS 110 Interpretation I4
 DMS 122 Clinical Experience I6
 DMS 206 Sonography Instrumentation4
 DMS 211 Interpretation II4
 DMS 212 Interpretation III4
 DMS 223 Clinical Experience II6
 DMS 224 Clinical Experience III6

OPTIONAL MULTI-SKILLED ELECTIVES —

(Not Required for the degree)

MOA 211 Medical Assistant Techniques II4
 NUR 121 Pharmacology3
 LPN 132 Medications3

REQUIRED COURSE SEQUENCE

Spring Semester

DMS 101

Fall Semester

DMS 105, DMS 110, DMS 122

Winter Semester

DMS 206, DMS 211, DMS 223

Spring Semester

DMS 212, DMS 224