



Eastern  
International  
College

# DIAGNOSTIC MEDICAL SONOGRAPHY BS DEGREE

## PROGRAM OUTLINE :

The Bachelor of Science in Diagnostic Medical Sonography (DMS-BS) program prepares students for entry-level jobs in the sonography field. Students learn sonographic procedures in a variety of sub-specialties; these include abdominal, vascular, OBGYN, and echocardiography. In addition, students enhance their interpersonal communication skills, critical thinking, and cultural competencies, allowing them to function effectively in a diverse workplace. Graduates of the DMS-BS program can work in doctors' offices, hospitals, medical imaging centers, and other areas appropriate to this field.

DMS-BS students can take the Sonographic Principle and Instrumentation(SPI) exam by the American Registry for Diagnostic Medical Sonographers (ARDMS) after completing the Physics courses in the program. Additionally, DMS-BS graduates are eligible to sit for the specialty area exams (abdominal, OBGYN, vascular, and adult echocardiography) as defined in the ARDMS General Prerequisite. EIC does not control changes in the current ARDMS prerequisite guidelines, and the ARDMS may change without notice.

The program has 122 semester credits, with 54 credits in general education and 68 credits in technical and significant coursework. Please see the curriculum outline at the backside of this flyer.

## COLLEGE PHILOSOPHY:

Eastern International College is committed to the educational and professional enrichment of each student. The curriculum and environment provide an atmosphere in which students can develop, excel, and form a positive self-image. The college takes pride in enhancing basic science, clinical, leadership, management, and technical skills in addition to preparing students for the workplace.

## HOW TO APPLY:

Contact Admission Office: [eic.communications@eicollege.edu](mailto:eic.communications@eicollege.edu) Tel. Number: 201 - 216 - 9901

EASTERN INTERNATIONAL COLLEGE  
684 Newark Avenue Jersey City, New Jersey 07306  
[www.eicollege.edu](http://www.eicollege.edu)

## GENERAL EDUCATION COURSES

COURSE NUMBER	COURSE TITLE	SEMESTER CREDITS
ENG 101	English Composition I	3
ENG 102	English Composition II	3
ENG 301	Early American Literature	3
SPC 101	Interpersonal Communication	3
BIO 101	Anatomy and Physiology I	4
BIO 102	Anatomy and Physiology II	4
COM 101	Computer Skills	3
MAT 103	College Algebra	3
MAT 204	Fundamentals of Statistics	3
PHY 101	Fundamentals of Physics	4
PSY 101	General Psychology	3
SOC 101	Introduction to Sociology	3
SOC 301	Cultural Diversity	3
REL 302	World Religions	3
HIS 101	American History I	3
HIS 201	American History II	3
ART 101	Art Appreciation	3
<b>TOTAL</b>		<b>54 Credits</b>

## PROGRAM MAJOR COURSES

COURSE NUMBER	COURSE TITLE	SEMESTER CREDITS
DMS 101	Cross - Sectional Anatomy	3
DMS 102	Pathology	3
DMS 103	Patient Care and Assessment	2
DMS 104	Medical Law and Ethics	2
DMS 105	Physics and Instrumentation I	3
DMS 106	Physics and Instrumentation II	3
DMS 200	Abdominal Sonography I	3
DMS 201	Abdominal Sonography II	3
DMS 202	Obstetric and Gynecological Sonography I	3
DMS 203	Obstetric and Gynecological Sonography II	3
DMS 204	Vascular Sonography	4
DMS 311	Abdominal Sonography III	3
DMS 312	Advanced Vascular Sonography	2
DMS 314	Adult Echocardiography I	3
DMS 315	Adult Echocardiography II	3
DMS 317	Advanced Case Study Critique	3
DMS 318	Advance Test Registry and Review	3
DMS 319	Capstone Research	3
DMS 400	Clinical Externship	16
<b>TOTAL</b>		<b>68 Credits</b>

**TOTAL PROGRAM CREDIT: 122**

**THREE SEMESTER PER YEAR : 48 MONTHS**