

Medical Sonography

Health Sciences



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ABOUT THIS FIELD

The Diagnostic Medical Sonographer is an individual who provides patient care services using ultrasound technology to take images of the body for interpretation by physicians for diagnostic results. The sonographer must be educationally prepared and clinically competent. The sonographer must also facilitate good communication skills to elicit patient cooperation and understanding. Good communication skills are also a must when working with your imaging team and other colleagues.



WHAT YOU'LL STUDY

Sonography is a multi-specialty profession comprised of abdominal sonography, breast sonography, cardiac sonography, musculoskeletal sonography, obstetrics and gynecology sonography and vascular sonography. Soft skills are also important in sonography. Independence, professionalism, ethical judgement, and critical thinking are essential to provide safe and quality ultrasounds.



WHAT YOU CAN DO

The diagnostic medical sonographer functions as a delegate agent of the physician and doesn't practice independently. Most sonographers work in a hospital setting, but could be employed at a physicians' office, mobile service or educational institution.

 **Southwestern**
C O M M U N I T Y C O L L E G E

PROGRAM START DATES:

Refer to college catalog for deadline dates

FOR MORE INFORMATION CONTACT:

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CLASSES YOU'LL NEED TO TAKE

ASSOCIATE IN APPLIED SCIENCE (AAS) - A45440

Total Semester Hour Credits: 75

FALL SEMESTER 1

Prefix	Number	Title	Class	Lab	Clinical	Credit
BIO	163	Basic Anatomy and Physiology	4	2	0	5
ENG	111	Writing & Inquiry	3	0	0	3
SON	110	Introduction to Sonography	1	3	3	3
SON	130	Abdominal Sonography I	2	3	0	3
Choose one of the following:						
MAT	143	Quantitative Literacy	2	2	0	3
MAT	152	Statistical Methods I	3	2	0	4
		Totals	13	8	3	17

SPRING SEMESTER 1

SON	111	Sonographic Physics	3	3	0	4
SON	120	SON Clinical Education I	0	0	15	5
SON	131	Abdominal Sonography II	1	3	0	2
SON	140	Gynecological Sonography	2	0	0	2
Choose 4 credits from the following:						
PHY	110	Conceptual Physics	3	0	0	3
PHY	110A	Conceptual Physics Lab	0	2	0	1
PHY	125	Health Sciences Physics	3	2	0	4
		Totals	9	6	15	17

SUMMER SEMESTER

COM	140	Intro to Intercultural Comm.	3	0	0	3
SON	121	SON Clinical Education II	0	0	15	5
SON	275	Pediatric Sonography	2	0	0	2
		Totals	5	0	15	10

FALL SEMESTER 2

PSY	150	General Psychology	3	0	0	3
SON	220	SON Clinical Education III	0	0	24	8
SON	225	Case Studies	0	3	0	1
SON	241	Obstetrical Sonography I	2	0	0	2
SON	250	Vascular Sonography	1	3	0	2
		Totals	5	8	24	16

SPRING SEMESTER 2

ENG	114	Professional Research and Reporting	3	0	0	3
SON	221	SON Clinical Education IV	0	0	24	8
SON	242	Obstetrical Sonography II	2	0	0	2
SON	289	Sonographic Topics	2	0	0	2
		Totals	7	1	24	15