

# Diagnostic Medical Sonography Program Goals & Learning Outcomes

## Abdomen Concentration

### Goals:

1. Develop competent, safe, and effective medical imaging professionals.
2. Support development of skills necessary to practice in diverse health care environments within the general sonography field and to acquire prominent roles in radiologic science.
3. Promote development of integrative, critical thinking, and communication skills in the general sonography field and abdomen concentration to include written, oral, and electronic discourse through the program curriculum, teaching methods, and philosophy.
4. Graduate successfully pursues scholarly activities in the general sonography field and abdomen concentration such as contributions to the profession and post-baccalaureate education.
5. Encourage global awareness of cultural and health care perspectives.

### Learning Outcomes:

1. Obtain a level of competence as an entry level general sonographer in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
2. Possess critical thinking skills to adapt to changing clinical environments and patient needs, demonstrating knowledge and understanding of abdominal and superficial anatomy, physiology, and pathology.
3. Exhibit professionalism through consistent, responsible, and ethical behavior.
4. Demonstrate knowledge of understanding of acoustic physics, Doppler ultrasound principles, and ultrasound instrumentation to create diagnostic ultrasound images of abdominal and superficial anatomy.
5. Demonstrate effective communication skills.

## **Obstetric & Gynecological Concentration**

### Goals:

1. Develop competent, safe, and effective medical imaging professionals.
2. Support development of skills necessary to practice in diverse health care environments within the obstetrical and gynecological field and to acquire prominent roles in radiologic science.
3. Promote development of integrative, critical thinking, and communication skills in the obstetrical and gynecological field to include written, oral, and electronic discourse through the program curriculum, teaching methods, and philosophy.
4. Graduates successfully pursue scholarly activities in the obstetrical and gynecological sonography field such as contributions to the profession and post-baccalaureate education.
5. Encourage global awareness of cultural and health care perspectives.

### Learning Outcomes:

1. Obtain a level of competence as an entry level obstetrical and gynecological sonographer in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
2. Possess critical thinking skills to adapt to changing clinical environments and patient needs, demonstrating knowledge, and understanding of obstetrical and gynecological anatomy, physiology, and pathology.
3. Exhibit professionalism through consistent, responsible, and ethical behavior.
4. Demonstrate knowledge of understanding of acoustic physics, Doppler ultrasound principles, and ultrasound instrumentation to create diagnostic ultrasound images of obstetrical and gynecological anatomy.
5. Demonstrate effective communication skills.