

DMS Program Goals and Learning Outcomes

Diagnostic Medical Sonography Goals Abdomen Concentration

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. Program curriculum, teaching methods, and philosophy promote development of integrative, critical thinking, and communication skills in the general sonography field and abdomen concentration to include written, oral, and electronic discourse.
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.
6. Recruit, enroll, and graduate learners from diverse backgrounds

Program Learning Outcomes Abdomen Concentration

Students progress through the abdomen curriculum and meet course learning objectives that culminate in the accomplishment of the program outcomes below:

1. To prepare competent entry level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for the abdominal sonography extended concentration.
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.