

# Vascular Ultrasound

## DMS 430

### Course information:

- 3 Credits
- 8-weeks long
- Completely online

### Who can take this class?

- Current DMS students
- Current Sonographers
- Current Radiographers who are ARRT (CI)(CV) or (VI) registered

## HOW DO I REGISTER?

- Matriculated students: in Sonis
- Non-Matriculated students: contact our registrar, Nicole DeBlois (nicole.deblois@mchp.edu)

For questions, call (207) 795-2840, or email Danielle Brown at danielle.brown@mchp.edu

This course provides students with foundational knowledge of the principles of ultrasound and patient care as it pertains to vascular sonography. An in-depth evaluation of the vascular system and associated abnormal and pathological conditions is explored. In addition, techniques, protocols, and image evaluation of the body's vessels, including normal and abnormal echotexture and flow patterns, will be studied.

### Course Learning Objectives:

1. Analyze the normal sonographic appearance of the vessels of the body
2. Compare and contrast the appearance of abnormal and pathological conditions of the body's vascular system
3. Evaluate blood flow patterns as they relate to normal and abnormal systemic and peripheral vasculature
4. Recognize sonographic protocols used in the evaluation of the vascular system
5. Discuss specialty vascular procedures and interventions
6. Evaluate various stents and grafts used within the vascular system



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