

# Breast Ultrasound

## DMS 420

### Course information:

- 3 Credits
- 8-weeks long
- Completely online

### Who can take this class?

- Current DMS students
- Current MAM students
- Current Sonographers
- Current Mammographers who are RT(R)(M)

## 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](mailto:danielle.brown@mchp.edu)

Course Description: This course provides students with foundational knowledge of the principles of ultrasound and patient care as it pertains to breast sonography. An in-depth evaluation of the breast and associated abnormal and pathological conditions is explored. In addition, technique, protocols, and image evaluation of the breast, including normal and abnormal echotexture and vasculature will be studied.

### Course Learning Objectives:

1. Analyze the normal sonographic appearance of the breast
2. Compare and contrast the appearance of abnormal and pathological conditions of the breast
3. Recognize sonographic protocols used in the evaluation of the breast
4. Discuss ultrasound image-guided breast procedures and interventions
5. Correlate mammographic findings with sonographic findings



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