

Breast Imaging Program Courses (RSBI)

RSBI Courses

This is a list of courses with the subject code RSBI. For more information, see Radiation Sciences (Carver College of Medicine) in the catalog.

RSBI:3310 Patient Care for Breast Imaging 3 s.h.

Foundation for providing high-quality patient care during breast imaging exams and procedures; patient communication, assessment, and treatment options including surgical, nonsurgical, and reconstruction. Requirements: acceptance to radiation sciences RT degree track or ARRT primary certification in radiography.

RSBI:3315 Breast Imaging Clinical Internship I 2 s.h.

Breast imaging clinical internship practicum at UI Health Care; rotation through department imaging rooms; competency and objective-based education with required clinical performance evaluations; participation in routine and advanced breast imaging exams; performance expectations become progressively higher as students gain experience and skills. Prerequisites: RSRT:3225. Requirements: radiation sciences major.

RSBI:4110 Breast Imaging Procedures and Analysis 3 s.h.

Breast imaging exams including technique, image evaluation, and positioning. Prerequisites: RSBI:3310. Requirements: acceptance to radiation sciences RT/BI track or ARRT primary certification in radiography.

RSBI:4115 Breast Imaging Clinical Internship II 4 s.h.

Breast imaging clinical internship scheduled at University of Iowa Health Care; rotation through department imaging rooms; competency and objective-based education with required clinical performance evaluations; experience facilitated by breast imaging technologists, radiologists, residents, and clinical coordinator; participation in routine and advanced breast imaging exams; performance expectations become progressively higher as students gain experience and skills. Prerequisites: RSBI:3315. Requirements: radiation sciences major.

RSBI:4120 Anatomy and Pathology for Breast Imaging 2 s.h.

Anatomy, localization terminology, histology, and cytology; pathology including mammographic appearance and reporting terminology; benign, high risk, and malignant conditions and their mammographic appearances.

RSBI:4130 Breast Imaging Acquisitions and Principles 2 s.h.

Physics and hardware used in obtaining exams in breast imaging; equipment operations including design characteristics of mammography units, digital acquisition, display, and informatics.

RSBI:4210 Breast Imaging Advanced Procedures and Analysis 3 s.h.

Advanced breast imaging modalities including breast sonography, breast MRI, sentinel node mapping, and interventional procedures. Prerequisites: RSBI:4110.

RSBI:4215 Breast Imaging Clinical Internship III 4 s.h.

Breast imaging clinical internship scheduled at University of Iowa Health Care; rotation through department imaging rooms; competency and objective-based education with required clinical performance evaluations; experience facilitated by breast imaging technologists, radiologists, residents, and clinical coordinator; participation in routine and advanced breast imaging exams; performance expectations become progressively higher as students gain experience and skills. Prerequisites: RSBI:4115.

RSBI:4220 Quality Control in Breast Imaging 3 s.h.

Quality control aspects related to breast imaging; quality assurance and evaluation including accreditation, certification, and Mammography Quality Standards Act (MQSA) regulations; quality control including mammographers tests and digital quality control tests; medical physicist test including general quality control tests and quality control tests specific to digital imaging and tomosynthesis. Prerequisites: RSBI:4130.

RSBI:4308 Breast Imaging Practicum 1-6 s.h.

Breast imaging clinical internship scheduled at University of Iowa Health Care; rotation through department imaging rooms; competency and objective-based education with required clinical performance evaluations; experience facilitated by breast imaging technologists, radiologists, residents, and clinical coordinator; participation in routine and advanced breast imaging exams; performance expectations become progressively higher as students gain experience and skills. Requirements: admission to Radiation Sciences RT to BS online track.