

680N - Breast Imaging

Course Name Breast Imaging

Course Director Jennifer Young, MD, MPH, Irene Tsai, MD, Hyung Won Choi, M

| Elective at a Glance | | |
|--|--|--------------------|
| Available to: <input checked="" type="checkbox"/> UCI MS3 students <input checked="" type="checkbox"/> UCI MS4 students <input type="checkbox"/> Extramural Students | | |
| Duration: 2 weeks | Number of Students: 1 per rotation block | Grading: H / P / F |
| Periods available: Through the Year | | |

1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

| Name | Office Location | Phone | Email |
|--------------------------------------|--------------------------------------|--------------|--|
| Director: Jennifer Young, MD, MPH | Outpatient Imaging Center, Bldg. 21 | 714-358-3498 | jjyoung2@hs.uci.edu |
| Co-directors: Irene Tsai, MD | | N/A | itsai@hs.uci.edu |
| Hyung Won, Choi MD | | N/A | hyungwc@hs.uci.edu |
| Coordinator: Daniela Garibay | Radiology Education Office, Bldg. 20 | 714-358-3498 | garibad1@hs.uci.edu |

DESCRIPTION

Direct student teaching by the faculty takes place during the course of review of screening and diagnostic breast imaging encompassing mammography, ultrasound, and MRI. Reading and brief presentation assignments are common and constitute the basis of the student's evaluation by faculty. The student will have gained an understanding of the approach to reading mammograms, common breast disease entities, as well as some of the range and scope of breast imaging and procedures. Students are required to have a brief presentation on a topic related to breast imaging at the last day of the rotation.

PREREQUISITES

This course is intended for 3rd and 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

RESTRICTIONS

UC Irvine School of Medicine
Curriculum and Educational Policy Committee

This course is intended for 3rd and 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

COURSE DIRECTOR

Dr. Young has worked in higher education since 2021 at UCI. Dr. Young is an assistant clinical professor in the Breast Imaging section and passionate about medical education. Dr. Tsai has worked in higher education previously at UCLA and since 2020 at UCI. Dr. Tsai is an associate clinical professor and chief of the Breast Imaging section. Dr. Choi has worked in higher education since 2021 at UCI where she is an assistant clinical professor in the Breast Imaging section and the Breast Imaging fellowship director.

Daniela Garibay is the course coordinator. She has worked in education since 2022. She is dedicated to helping medical students and making sure they have a great experience in the department.

INFORMATION FOR THE FIRST DAY

Who to Report to on First Day: Daniela Garibay

Location to Report on First Day: Radiology Education Office, Bldg. 20

Time to Report on First Day: 8:30 am

SITE: UC Irvine Medical Center

DURATION: 2 weeks only. Additional weeks need approval from the department prior to enrollment

Scheduling Coordinator: UC Irvine students please email comsched@hs.uci.edu to make a scheduling appointment.

Periods Available: The time of the course must be pre-approved by the elective director at least 3 months prior to the start of the course. No exceptions.

NUMBER OF STUDENTS ALLOWED: 1 per rotation block

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE

The student may read the suggested texts and readings.

COMMUNICATION WITH FACULTY

Questions about logistics should be directed to the Course Coordinator. Direct questions, comments, or concerns about the course can be directed to the Course Directors. Contact information and office location are at the beginning of this document.

The Course Directors are also available to meet in person or via video conference. Please email garibad1@hs.uci.edu to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

SUBJECT: COURSE NAME, your last name, your issue (e.g. 680N, Smith, Request for appointment)

2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the breast imaging course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

| Course Objective | Mapped UCI School of Medicine Program Objective | Sub Competency | Core Competency |
|---|--|-----------------------|-----------------|
| Have explored in greater depth those features of breast imaging to provide a deeper understanding of the analytical processes involved in detecting disease and radiologic diagnosis. | A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes | Basic Clinical Skills | Knowledgeable |

3. Course Resources

TEXTS AND READINGS: SUGGESTED

- ACR BI-RADS manual 5th edition
- ACR Appropriateness Criteria- Breast (<https://acsearch.acr.org/list>)
- Breast Imaging: The Core Requisites by Bonnie Joe and Amie Lee
- Clinical Breast Imaging: The Essentials by Gilda Cardenosa

4. Major Exams, Assignments and Grading

MANDATORY SESSION

Daily radiology noon conference and Wednesday afternoon radiology didactic lectures

MAJOR ASSIGNMENTS AND EXAMS

Daily attendance is a requirement. The student is expected to be engaged and participate in all elements of patient care and image interpretation. Professional behavior is expected at all times and inappropriate use of electronic devices during patient care is not permitted.

GRADING

Medical Students are graded using the following scale: Pass (P), Fail (F) and Incomplete (I). For further information, please review the Grading Policy. The student will receive a grade of Pass or Fail. The student's final grade will be submitted on the standard UC Irvine elective form. The student will be evaluated by the supervising physicians. The students will be evaluated on attendance, knowledge base, motivation, professionalism, interpersonal skills and presentation skills. The student will receive feedback from their Preceptor on an on-going basis. Students are required to have a brief presentation on a topic related to musculoskeletal radiology at the last day of the rotations. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.

You have 30 days from the date of the grade to appeal any aspect of this grade. Please contact your Clerkship/course Director should you have any questions.

Requirements for "Pass":

To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Grounds for "Incomplete": You will not be issued a grade until all elements of the course have been completed.

REMEDIATION

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

Grounds for "Fail": You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript. \