

## 655G Cytopathology

*Students must obtain permission from the course coordinator who will obtain faculty approval based on availability prior to enrollment in this course*

**Course Description:** The students will be introduced to cytologic material representing specific disease processes which can then be transmitted to the clinicians in the form of meaningful diagnostic terms. The student will have the opportunity to observe and participate in the activities in the laboratory under close supervision of the staff and faculty.

**Department:** Pathology & Laboratory Medicine

**Prerequisites:** UC Irvine students must have successfully completed the basic science curriculum. Extramural students must be in the final year of undergraduate medical education and have completed course work equivalent to UC Irvine's Clinical Pathology and General Pathology courses.

**Restrictions:** Students must obtain permission from faculty prior to enrollment. This rotation is not accepting international students

**Elective Director:** Robert A. Edwards, M.D., Ph.D., UC Irvine School of Medicine, Department of Pathology & Laboratory Medicine, Med Sci I, Room D435, Irvine CA 92697-4800, (949) 824-8576, [redwards@uci.edu](mailto:redwards@uci.edu)

**Instructing Faculty:** Di Lu, M.D. & staff

**Course Website:** None

**Who to Report to First Day:** Di Lu, M.D.

**Location to Report on First Day:** contact the site coordinator for this information

**Time to Report on First Day:** contact the site coordinator for this information

**Elective Coordinator:** Stefani Ching, UC Irvine School of Medicine, Department of Pathology & Laboratory Medicine, Med Sci I, Room D440, Irvine, CA 92697-4800, (949) 824-5367, [stefani.ching@uci.edu](mailto:stefani.ching@uci.edu)

**Site:** UC Irvine Medical Center

**Periods Available:** Throughout the year EXCEPT during the last two weeks in December

**Duration:** 4 week minimum

**Number of Students:** To be determined.

- **UC Irvine students** must officially enroll for the course by contacting the Scheduling Coordinator via email or phone (714) 456-8462 to make a scheduling appointment.
- **Extramural students** enrolled at a U.S. LCME medical school must use VSAS to apply. To apply please refer to this website <https://students-residents.aamc.org/attending-medical-school/electives-and-make-courses/applyingaway-electives-vsas/>
- **International students** application process: <http://www.meded.uci.edu/curricular-affairs/visiting-students.asp>
- For any questions regarding this rotation, please contact Stefani Ching, UC Irvine School of

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**Course Objectives:** This unit is designed to acquaint the student with cellular alterations observed in cytologic samples obtained from non-neoplastic and neoplastic lesions of various organs. At the conclusion of this rotation, the student will be able to:

- Transmit to the clinicians in the form of meaningful diagnostic terms based on cytologic samples obtained from various anatomic sites.
- Interact with cytotechnologists and faculty in signing out daily cases and assist fine needle aspirations (FNA) and endobronchial ultrasound procedures.
- Explain the utility of common immunohistochemical stains to assist in the interpretation of cytologic samples.

**Key Topics:** Gynecologic cytopathology, Non-GYN cytology, Fine needle aspiration

**Competencies:** Students are expected to discuss cellular alterations and pathogenesis of simple non-neoplastic and neoplastic diseases.

**Attitudes & Commitments:** Students are expected to be available daily for sign-out, FNAs in clinics, and review of FNAs performed during imaging procedures, Monday - Friday, 8 AM - 5 PM

**Educational Activities:** Attend sign out sessions, review of cases, weekly cytology lecture

**What Students Should do to Prepare for the Rotation:** N/A

**Clinical Responsibilities of the Student:** This is not a clinical rotation

**Patient Care Responsibilities:** This is not a clinical rotation

**Call Schedule of the Student:** This is not a clinical rotation

**Procedures to be Learned by the Student:** This is not a clinical rotation

**Percentage of Time Student will Participate in Ambulatory Setting:** This is not a clinical rotation

**Conference/Lecture/Small Group Sessions:** Attend scheduled daily sign-out sessions and conferences.

**Course Hours Weekly Summary:** 40 hours

**Content Theme Integration:** Not stated

**Recommended Reading:** Cytology - Diagnostic Principles and Clinical Correlates by Edmund S. Cibas and Barbara S. Ducatman. 4<sup>th</sup> Edition. Saunders

**Official Grading Policy:** The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine elective form. The student performance will be based upon attendance, initiative and course knowledge. 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.