

# 660N Neonatology

This course is available to UC Irvine students only. No CORE Credit. CHOC Approval required

## Elective at a Glance

**Available:** [X] UCI MS3 students [X] UCI MS4 students [] Extramural Students

**Duration:** 4 weeks

**Number of Students:** 1

**Grading:** H / P / F

**Periods Available:** Throughout the year

## 1. Course Director, Coordinator and General Administrative Information

### FACULTY AND STAFF

| Name                       | Office Location             | Phone        | Email                                                    |
|----------------------------|-----------------------------|--------------|----------------------------------------------------------|
| <b>Course Directors:</b>   |                             |              |                                                          |
| Cherry Uy, MD              | Bldg. 56, Ste. 600          |              | <a href="mailto:ccuy@hs.uci.edu">ccuy@hs.uci.edu</a>     |
| Muhammad Aslam, MD         |                             |              | <a href="mailto:maslam@hs.uci.edu">maslam@hs.uci.edu</a> |
| AnnaMarie Arias-Shah, MD   |                             |              | <a href="mailto:ashah3@choc.org">ashah3@choc.org</a>     |
| <b>Course Coordinator:</b> |                             |              |                                                          |
| Frank Cruz                 | 505 S. Main St,<br>Ste. 525 | 714-456-5650 | <a href="mailto:fcruz@hs.uci.edu">fcruz@hs.uci.edu</a>   |

### DESCRIPTION

In this four-week elective, the student acts as an intern and takes charge of patients consistent with his or her ability to accept responsibility. This is an opportunity to learn newborn resuscitation, endotracheal intubation, respiratory care techniques, and all phases of acute and critical medicine of the newborn. It is a recommended clerkship for the senior student training in pediatrics, obstetrics/gynecology, surgery, and anesthesiology.

### PREREQUISITES

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at UCI School of Medicine. All students must get prior approval via clinical scheduling coordinator ([comsched@hs.uci.edu](mailto:comsched@hs.uci.edu)) for all CHOC-based rotations.

### RESTRICTIONS

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at UCI School of Medicine.

All students must get prior approval for all CHOC-based rotations.

## **COURSE DIRECTOR**

**Dr. Uy** is also the course director for the 660N course.

**Frank Cruz** is the course coordinator for the 660N course. Frank Cruz has been working as Student Coordinator for the UCI School of Medicine for 10+ years. In addition to his Student Coordinator duties he also works as an assistant coordinator for the UCI-CHOC Pediatric Residency.

## **INFORMATION FOR THE FIRST DAY**

### **Who/Location/When to Report to on First Day:**

Frank Cruz Student Coordinator will contact students with further details.  
fcruz@hs.uci.edu (714)456-5650

**SITE:** CHOC

**DURATION:** 4 weeks

**Scheduling Coordinator:** UC Irvine students please email [comsched@hs.uci.edu](mailto: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

## **WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE**

Review NICU orientation packet. This can be obtained from the site coordinator if it has not been delivered to your mailbox or via email one week prior to beginning the rotation.

## **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 Director. Contact information and office location are at the beginning of this document.

The Course Director is also available to meet in person. Please email [fcruz@hs.uci.edu](mailto:fcruz@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. 660N, Smith, Request for appointment)

## 2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 660N 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 |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|
| Assume a high level of patient care responsibility in preparation for residency (Di). | D-2. A commitment to patient care and to the well-being of patients and colleagues                                                                                         | Patient Care          | Dutiful         |
| Demonstrate improved clinical and procedural skills (Bvi).                            | 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   |
| Demonstrate improved ability to manage complex, acutely ill patients (Bvi).           | B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines           | Patient Management    | Skillful        |
| Demonstrate ability to work as a team member.                                         | C-1. Honesty and integrity reflecting the standards of the profession, in interacting with colleagues, patients, families and professional organizations                   | Professionalism       | Altruistic      |

## 3. Course Resources

### TEXTS AND READINGS: SUGGESTED

- Neonatology: Management, Procedures, On-Call Problems, Diseases, Drugs - Comella
- Care of the High-Risk Neonate – Fanaroff
- Fetal & Neonatal Physiology - Polin and Fox
- Neonatal Drug and Nutritional Manual – Zenk

## 4. Major Exams, Assignments and Grading

**MANDATORY SESSIONS:** N/A

**MAJOR ASSIGNMENTS AND EXAMS:** N/A

## **GRADING**

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F) and Incomplete (I). For further information, please review the Grading Policy.

The standard UCI elective evaluation form will be used to determine the final grade of a student. The students will be graded on a three-part system Honors/Pass/Fail. Midcourse feedback will be provided to the students by the attendings. Each student will be observed and evaluated by: 1) Attending neonatology faculty, 2) Neonatal fellows, 3) Neonatal nurse practitioners, 4) NICU team members. 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

### **Requirements for "Honors":**

To receive a grade of Honors, students must demonstrate exceptional performance 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.