

# Clinical Informatics

ME 235.99

## General Information

**COURSE CHAIR:** Pamela Roberts, PhD

**STUDENT COORDINATOR'S CONTACT INFORMATION:**

**PHONE:** (310) 423 5161 **E-MAIL:** [IMMedicalStudents@cshs.org](mailto:IMMedicalStudents@cshs.org)

**STUDENTS / PERIOD:** 2 max

**DURATION:** 1-2 weeks

Electives at Cedars-Sinai start in May. Please visit our [VSAS](#) catalog for dates and to submit your application. This elective is also offered by arrangement and can be coordinated with students' schedule. Please contact the coordinator.

## Requirement(s)

1. USMLE Step 1 Score

## Description

Clinical informatics is a subspecialty of medicine that supports health care by analyzing, designing, implementing, and evaluating information and communication systems to improve patient care, enhance access to care, advance individual and population health outcomes, and strengthen the clinician-patient relationship.

## Course Objectives

1. Explore the integration of medicine and information technologies throughout the health system
2. Identify areas in which clinical informatics can improve
3. Awareness of clinical informatics governance

## Student Experiences

- Electronic health record adoption and usage  
Electronic health record user interface
- Patient-generated data
- Clinical decision support
- Use of how information systems and processes enhance or compromise the decision making and actions of health care team members
- Workflow analysis
- Strategies to support clinician users and promote clinician adoption of systems
- Utilize informatics tools and principles and how they can be applied to optimize provision of healthcare
- Exposure to Research Informatics
- Exposure to Informatics Governance