

LSUHSC Educational Program Objectives and Institutional Competencies

Knowledge of Basic Principles

1. Students must **understand and apply the scientific principles** basic to their fields, including core areas such as cellular and molecular biology, anatomy, physiology, biochemistry, microbiology, pharmacology, genetics, statistics and epidemiology.
2. Students must **demonstrate knowledge of the basic disease processes** in the clinical areas relevant to their degree programs.
3. Students must be able to **identify and apply the principles of ethics and professionalism** in patient care and research that are accepted in their fields.
4. Students must **participate regularly in learning activities** that maintain and advance their competence and performance.

Patient Care (All Schools except Graduate Studies and Public Health)

5. Students must **demonstrate the ability to gather accurate information** from patients via history taking and physical examination.
6. Students must **demonstrate the ability to manage patients' health** by making diagnoses and planning treatment.
7. Students must **demonstrate knowledge of prevention of health problems and health maintenance**.
8. Students must **possess the knowledge necessary to provide effective patient care with respect to patient diversity and cultural beliefs**, including consideration of their age, ethnicity, gender, and cultural and health beliefs, and understand the importance and means of overcoming literacy, linguistic, or other cultural barriers to effective communication.
9. Students must **collaborate and communicate effectively** in order to provide care.

Continuous Learning and Improvement

10. Students must **demonstrate the ability to review current sources of information**.
11. Students must know how to **appraise evidence by using critical thinking skills and statistical methods**.
12. Students must regularly **seek useful assessment and feedback from patients and colleagues**.

Interpersonal Relationships and Communication

13. Students must demonstrate **effective communication** with patients, colleagues, and team members.

Systems Based Practice

14. Students must **demonstrate an understanding of the healthcare system** as a whole, including types of medical practice, delivery systems, and payment methods; the roles of other health care providers, and utilization of resources.

Professional Behavior

15. Students must **maintain integrity and personal responsibility** and apply the principles of ethics and professionalism in patient care and research that are accepted in their fields.