Doctor of Medicine

The KSOM Physician-Citizen-Scientist curriculum is a competency-based curriculum. It is desired that our physician graduates be inspired and able to make original contributions as skilled clinicians, as scientists advancing the field of medicine, and as compassionate citizens improving health and healthcare delivery locally and globally. Upon completion of the four-year course of medical training, the graduating student will be able to:

1. **Medical Knowledge:** Demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, and apply this knowledge in real and simulated patient care settings.

2. **Patient Care:** Provide patient care that is compassionate, appropriate, and effective for the prevention and treatment of health problems and the promotion of health including demonstrating
   a. Basic clinical skills of history taking, physical examination, presentation, and documentation;
   b. Clinical reasoning including appropriate selection and interpretation of clinical procedures and diagnostic tests; and
   c. Patient care activities in real and simulated settings, e.g., patient education and performance of designated technical skills.

3. **Interpersonal and Communication Skills:**
   a. Listen and communicate clearly with patients, families, and health care team members using effective nonverbal, verbal, and writing skills.
   b. Collaborate effectively with others in the classroom, clinical setting, and community at large.

4. **Ethical Judgment:**
   a. Identify ethical principles and apply them to medical practice and research, the business of medicine, and health policy.
   b. Demonstrate adherence to ethical principles.
   c. Identify alternative resolutions of ethical dilemmas.
5. **Professionalism:**
   a. Demonstrate a commitment to excellence in carrying out professional responsibilities.
   b. Act with altruism, honor and integrity in professional life.
   c. Demonstrate accountability for one’s own actions.
   d. Act in a respectful manner toward patients, faculty, colleagues, and staff.
   e. Discuss the activities required for maintenance of emotional, physical, and mental health.

6. **Lifelong Learning and Experience-Based Improvement:**
   a. Identify and perform appropriate learning activities.
   b. Identify strengths, deficiencies, and limits in one’s own knowledge and expertise.
   c. Set and accomplish learning and improvement goals.
   d. Incorporate formative feedback and evaluation into daily practice.
   e. Complete ongoing self-evaluation and life-long learning activities to improve patient care.

7. **Community and Systems-Based Practice:**
   a. Demonstrate knowledge of the social and community contexts of health care and respond effectively to the many factors that influence health, disease, and disability.
   b. Discuss issues in the health care system including health disparities, population-based care, advocacy, health policy, health care quality, technology and resource utilization, and patient safety.
   c. Effectively develop, implement, and present a community-based project.

8. **Scholarship:**
   a. Conduct a focused literature search, critically appraise the medical literature, and apply best evidence to research questions and patient health problems.
   b. Apply clinical research studies and clinical translational research to patient care.
   c. Develop appropriate research questions for a scholarly project.
   d. Conduct a research project in a manner that respects the rights of human subjects.
   e. Effectively communicate research findings with colleagues.