

School of Medicine and Dentistry - Overall Educational Objectives

The curriculum is designed for students to acquire all the elements of a general medical education, providing them with strong foundations in the natural and social sciences basic to medicine, as well as professional attitudes and clinical skill - all with a focus on launching a lifetime of continued learning. You can learn more about our Mission and Objectives.

Objectives

The objectives of the M.D. curriculum at the University of Rochester School of Medicine and Dentistry are:

Knowledge

Natural and Social Sciences:

Understand normal human structure, function, and development from molecular through cellular, organ system, and whole person levels. (K-NSS-1)
Understand psychological, interpersonal, family, cultural, societal, and environmental determinants of health and illness, and their application to the care of diverse individuals and populations. (K-NSS-2)

Diseases:

Understand disease processes that lead to or are caused by alterations in human structure and function, including their epidemiology, etiology, pathogenesis and pathology. (K-D-1)

Treatments:

Understand the scientific principles underlying rational approaches to health maintenance and preventive screening. (K-T-1)
Understand the scientific principles underlying rational approaches to therapeutic, rehabilitative, and palliative interventions. (K-T-2)

Systems of Care:

Understand the frameworks within which health care is provided at global, national

Demonstrate the ability to communicate and collaborate effectively with the community. (S-C-3)

Clinical Reasoning and Management:

Demonstrate the ability to appropriately retrieve, appraise and apply evidence and the scientific method to patient formulation, differential diagnosis and clinical decision-making and integrate electronic information systems into these activities (S-CRM-1)

Attitudes and Behaviors

Professionalism and Humanism:

Demonstrate the exemplary attitudes and humanistic behaviors expected of physicians, including integrity, reliability, compassion, accountability, ethical conduct and reasoning, selfless advocacy for patient and population health and appropriate management of potential conflicts of interest. (AB-PH-1)

Improvement and Self-care:

Demonstrate a commitment to lifelong learning, maintaining one's own health and well-being, and improving individual practice and systems of care. (S-12-Tf1-01-02-a-1-03-04-m-05-T1-06-evidence)