

Appendix 5. 11개 대학의 의료시스템과학 세부적인 교육과정 및 주요 특징

Name	Phase/course name/characteristics
Brody School of Medicine at East Carolina University	Pre-clerkship: Society, Culture, and Health Systems during Blocks 3 & 4 of the pre-clinical phase
	Clerkship: Training on TeamSTEPPS, Patient Safety, Hospital Follow-up focused on Transitions of Care and Social Determinants of Health
	※ Special course: LINC (Leader in Innovative Care) 1) An 8-week summer intensive course for 10 first year students in good academic standing to foster Patient Safety, Quality Improvement, Team-Based Care, and Patient-Centered Clinical Exposure. 2) During third year, medical students actively engage in online classes and collaborative projects as part of their academic curriculum. 3) During fourth year, medical students participate in an Interprofessional Quality Improvement Project, which serves as their capstone course.
Pennsylvania State University College of Medicine	Pre-clerkship: (1) Longitudinal Implementation of Science and Health Systems course (SHS) throughout 17 months of organ-based curriculum (phase I, II); (2) patient navigation program for year 1
	Clerkship: (1) Translating Healthcare Science to the Clinical Setting Course (phase III, IV); (2) combine clinical experience with HSS for capstone projects and certification programs through mentoring
	※ Special course: HSS Master's Program (1) Community Outreach/Service Learning curriculum: learning community-based cooperative systems (2) HSS Mentored Mini-Grant Program: participate in research involving Health Care Structure and Process, Health Care Policy and Economics, Preventive Medicine, Value in Healthcare, Health Systems Improvement.
The Warren Alpert Medical School of Brown University	Pre-clerkship: (1) Health System Science for year 1 & 2: learning Basic Concepts of HSS in the first semester; (2) second year Integrated Medical Science: learning health policy, epidemiology
	※ Special course: PC-PM (Population & Clinical Medicine I & II) The program, which you apply for at the time of admission, explores the intersection of preventive medicine and clinical care of individuals and populations in third year after regular course in the first, second year. A capstone seminar in the fourth year.
Indiana University School of Medicine	Pre-clerkship: Foundation Clinical Medicine-System Based Practice in year 1 & 2
	Clerkship: sub-internship/4 weeks for year 4
	※ Scholarly concentration: choose a topic from one of the six HSS core areas (1) An 8-week non-clinical elective course within a 4-year period, no additional tuition required (2) Pre-applied for admission and typically completed in years 1-2 (3) Training at nine community hospitals in Indiana (4) Only 1 topic can be selected
University of California, San Francisco, School of Medicine	Pre-clerkship: Clinical Microsystems Clerkship (CMC) during Foundation 1: Once a week, an internal medicine physician leads a small group of 5-6 students in clinical skills, health systems improvement techniques, and patient safety.
	Clerkship: (1) Bi-weekly, full-day rotations to family medicine and private practice to experience primary care, and on weeks without rotations, attend family medicine seminars to discuss key issues in primary care. (2) Deep Explore Career launching: apply HSS in clinical practice situations based on CMC and Family and Community Medicine learned through one-on-one mentoring with faculty in the desired specialty before the residency preparation.
Mayo Clinic Alix School of Medicine	- Science of health care delivery (SHCD) - Six HSS areas are taught over 4 years in a longitudinal curriculum: (1) Healthcare Policy, Economics, and Technology; (2) High Value Care; (3) Leadership; (4) Person-centered Care; (5) Population-centered Care; (6) Team-based Care - 1st year: SHCD 1, 2 block (2 weeks each); 2nd year: just before clerkship (0.5 week); 3rd year: clerkship (1 week); 4th year: residency preparation (0.5 week) - Upon graduation, a Certificate in Science of Health Care Delivery is available, and a Master's degree is available with an additional 12 credits.
University of Michigan Medical School	Pre-clerkship: Improved Health System Care: year 1 & 2; Longitudinal Learning through Scientific Trunk & Clinical Trunk
	Clerkship: choose one of 4 branches: (1) patient & population; (2) procedure-base care; (3) diagnostic & therapeutics; (4) systems, & hospital based care
New York University School of Medicine	Pre-clerkship: Health System Science, longitudinal learning with afternoon classes
	Clerkship: 4 weeks of HSS course during the clerkship, 2 weeks in first semester, and 2 weeks in second semester.
Vanderbilt University School of Medicine	Foundation of Health care Delivery (FHD) year 1-4 - 4-year longitudinal course: year 1: training in primary care settings; year 2: training in secondary care settings; years 3 and 4: communication between care teams, research on ways to improve the healthcare system
Oregon Health & Science University School of Medicine	Health System science - Integrated spiral curriculum of basic science, clinical science, and HSS without separating HSS into separate courses. - Education, including epidemiology, evidence-based medicine, health informatics, health policy, quality improvement, and patient safety.
University of California, Davis, School of Medicine	I-EXPLORE: integrated course through year 1-4 - Embedded within three foundations (biomedical, clinical, and HSSs) and learned longitudinally over 4 years.