Preventive and Community Dentistry Courses (PCD)

This is a list of all preventive and community dentistry courses. For more information, see Preventive and Community Dentistry.

PCD:8116 Fundamentals of Clinical Dentistry 1 s.h.
Identification of health and disease in the mouth; practical methods of disease control, philosophy of preventive dentistry; patient assessment, clinical diagnosis.

PCD:8117 Cariology and Preventive Therapies 2 s.h.
Multifactorial etiology of dental caries; support data for use of fluorides, sealants, antimicrobials, and plaque control mechanisms in prevention of caries. Prerequisites: PCD:8116.

PCD:8118 Preventive Dentistry Assessment and Patient Care 3 s.h.
Patient oral assessment, communication, patient management skills; preventive dentistry risk assessment, oral hygiene instruction for collegiate recall patients; skills in instrumentation for detection, removal of calculus deposits. Prerequisites: PCD:8116 and PCD:8117.

PCD:8119 Behavioral Science I, Interprofessional Education, and Ethics 2 s.h.
Introduction to patient-centered care, interpersonal and professional communication with patient, information exchange, preventive treatment plan formulation in patient encounters, and ethics.

PCD:8120 Foundations for Critical Thinking I 2 s.h.
Problem and case-based small group sessions covering evidence-based dentistry and treatment planning integrating information taught concurrently in dental curriculum.

PCD:8218 Foundations for Critical Thinking II 1 s.h.
Continuation of PCD:8120; evidence-based dentistry, critical thinking and treatment planning sessions; online and small group sessions. Prerequisites: PCD:8120.

PCD:8219 Behavioral Science II and Interprofessional Education 2 s.h.
Continuation of PCD:8119; assessing patient understanding of practices for improving/maintaining oral health; overview of patient challenges to effective communication; application of behavioral science principles in dentistry and behavior theories. Prerequisites: PCD:8119.

PCD:8245 Clinical Preventive Dentistry 0,2 s.h.
Experience providing complete prophylaxis and preventive services for college patients; application of nutrition principles and communication skills in a clinic setting. Prerequisites: PCD:8118.

PCD:8319 Behavioral Science III 1 s.h.
Continuation of PCD:8219; standardized patient exercises with chairside feedback and evaluation of communication skills; participation in small group discussions regarding application of communication skills and behavioral science principles in patient encounters.

PCD:8355 Introduction to Geriatric Dentistry 2 s.h.
Biological, psychological, and social aspects of aging; normal aging and disease processes associated with aging; pathological changes that affect oral health treatment of dental diseases and patient management. Requirements: D.D.S. enrollment or completion of dental hygiene program. Same as ASP:8355.

PCD:8360 The Practice of Dentistry in the Community I 1-2 s.h.
Issues related to the role of the dental professional at a local and state level, including dental public health, health literacy, cultural competency, and forensic dentistry; the role of the state dental director.

PCD:8361 The Practice of Dentistry in the Community II 1-2 s.h.
Factors that affect the profession and practice of dentistry, including basics of health care systems in the U.S. and in other countries, Affordable Care Act, Medicaid and Medicare, dental insurance, health care delivery systems, legal and malpractice issues, dental utilization and dental workforce, and quality of care.

PCD:8485 Broadlawns Medical Center arr.
Dental care to low-income patients in a metropolitan hospital-based clinic; community-related assignments; student team experience in Des Moines.

PCD:8488 St. Lukes Dental Health Center arr.
Experience providing clinical and outreach services for low-income children and adults with developmental disabilities at St. Luke’s Hospital, Cedar Rapids; operative and behavioral dental problems, hospital protocol, special needs of low-socioeconomic clients.

PCD:8489 Geriatrics and Special Needs Program arr.
Experience in Special Care Clinic and Geriatric Mobile Dental Unit; comprehensive care for medically, physically, cognitively compromised adults, including frail elderly nursing home residents with portable equipment, other underserved populations.

PCD:8494 Oral Health Field Clinic 5 s.h.
Extramural experiences developed according to student needs, extramural opportunities.

PCD:8498 International Outreach Program 0 s.h.
Participation in a two-week mission outreach program in Cambodia or Guatemala; requires successful completion of application process; for entering fourth-year dental students.

PCD:8499 International Exchange Program 10 s.h.
International extramural program; students learn about dentistry in an international dental program.

PCD:8500 Dental Student Research Honors Program arr.
Experience in conducting research. Requirements: D.D.S. enrollment and approval of mentor and program director.