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:8115 Clinical Practice and Professionalism I** 1 s.h. Preparation to deliver team-based interprofessional care through authentic lectures and group activities that reinforce interprofessional education (IPE) concepts by providing relevant and applicable health care experience; concepts and skills related to interprofessional education, team-based health care, interprofessional networking, ethics and professionalism, and person-centered care.


**PCD:8117 Cariology and Preventive Therapies** 2 s.h. Principles of research design; introduction to microbiology and immunology; principles of oral microbiology with an emphasis on plaque development; microbiology of caries; coronal and root caries disease processes; dental caries epidemiology; roles of saliva and diet in dental health and disease; radiographic interpretation and clinical diagnosis; dental fluorosis; preventive dentistry treatment planning. Prerequisites: PCD:8116.

**PCD:8118 Preventive Dentistry Assessment and Patient Care** 4 s.h. Patient oral assessment; charting sulcus depth, recession and hard tissues; progress notes, and entries in electronic patient record; preventive dentistry, caries, and periodontal risk assessment; oral hygiene instruction for collegiate recall patients; instrumentation for detection and removal of calculus deposits; practice with patient management skills and ergonomics. Prerequisites: PCD:8116 and PCD:8117.

**PCD:8119 Clinical Practice and Professionalism II** 1 s.h. Introduction to patient-centered care, interpersonal and professional communication with patient, information exchange, and preventive treatment plan formulation in patient encounters.

**PCD:8120 Introduction to Evidence-Based Dentistry I** 1 s.h. Fundamental concepts needed to critique clinical research articles and health-related websites.

**PCD:8121 Introduction to Evidence-Based Dentistry II** 1 s.h. Application of concepts needed to critique scientific literature.

**PCD:8122 Critical Thinking and Evidence-Based Dentistry in Treatment Planning** 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 Clinical Practice and Professionalism III** 1 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 Clinical Practice and Professionalism IV** 1 s.h. Continuation of PCD:8219; standardized patient exercises with chairside feedback and evaluation of communication skills; reflection 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 role of dental professional at local and state levels; students build skills and knowledge in development of a community outreach dental program.

**PCD:8361 The Practice of Dentistry in the Community II** 1-2 s.h. Factors that affect the practice of dentistry and the dental profession including health care systems in the U.S. and abroad, Medicaid/Medicare, health/dental insurance, health care delivery systems, malpractice, role of the Iowa Dental Board, 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-income children and adults with developmental disabilities.

**PCD:8489 Geriatrics and Special Needs Program** arr. Experience in the Delta Dental of Iowa Geriatric and Special Needs Clinic and the Geriatric Mobile Dental Unit providing comprehensive care for medically, physically, intellectually, and/or cognitively compromised adults, functionally dependent elderly nursing home residents with portable dental equipment, and other underserved populations.

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

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