

Dentistry Courses (College of Dentistry) (DENT)

DENT Courses

This is a list of courses with the subject code DENT. For more information, see College of Dentistry in the catalog.

DENT:4000 Pre-Dental Academy 0 s.h.

Hands-on experience for undergraduate students interested in dentistry; interaction with faculty, residents, and current students in simulation clinic; didactic sessions; admissions information; changing health care environment, digital dentistry, dental esthetics, introduction to dental specialties, drilling and filling. Offered summer session.

DENT:8100 First-Year Continuing Session arr.

DENT:8110 Patient Management: Interprofessional Education II 0 s.h.

Application of previously learned concepts to relevant health care experiences using interprofessional skills and team-based health care concepts; development of skills related to leadership in health care teams, pain management from an interprofessional team, and application of ethics and professionalism concepts; online modules and group activities.

DENT:8120 Foundations in Microbiology and Immunology 3 s.h.

Essential knowledge of microorganisms, their role in oral and systemic health, and the body's immune response. Students explore the diversity of bacteria, viruses, fungi, and parasites, focusing on those relevant to dental practice and the role of the oral microbiome and other key microbiomes of the human body in relation to overall health. Integrates theoretical concepts with clinical relevance, preparing students to understand and manage infectious diseases in dental settings and to apply immunological principles in patient care and treatment planning. Requirements: DDS enrollment.

DENT:8200 Second-Year Continuing Session arr.

DENT:8210 Patient Management: Interprofessional Education III 0 s.h.

Application of previously learned concepts to relevant health care experiences using interprofessional skills and team-based health care concepts; development of skills related to leadership in health care teams, pain management from an interprofessional team, and application of ethics and professionalism concepts; online modules and group activities.

DENT:8220 Dental Independent Study arr.

Introduction to dental topics on the basic principles of dentistry in preparation for seminars, discussion sessions, and patient care. The Iowa Dental Advanced Standing Program offers dentists trained outside the United States the opportunity to earn a CODA (Commission on Dental Accreditation) accredited DDS degree. Recommendations: enrollment in the Iowa Dental Advanced Standing Program.

DENT:8230 Biomedical Sciences in Clinical Practice 2 s.h.

Topics in medicine and dentistry related to biochemistry, physiology, microbiology, anatomy, histology, pharmacology, and pathology. Expand foundational science knowledge to understand real-life clinical circumstances.

DENT:8300 Third-Year Continuing Session arr.

DENT:8360 Introduction to Clinical Orofacial Pain 1 s.h.

Major sources and types of orofacial pain; students build knowledge and skills to recognize temporomandibular disorders and other common orofacial pain conditions, differentiate odontogenic from nonodontogenic orofacial pain, and apply interdisciplinary pain management concept in developing appropriate patient management plan.

DENT:8371 Quality Assurance I 1 s.h.

Patient management, record writing skills, and quality assurance concepts; students coordinate treatment, patient relations, and issues of quality assurance for a group of patients.

DENT:8372 Quality Assurance II 1 s.h.

Continuation of DENT:8371; patient management, record writing skills, and quality assurance concepts; students coordinate treatment, patient relations, and issues of quality assurance for a group of patients; ethical and moral dilemmas in relation to dental practice.

DENT:8400 Fourth-Year Lectures and Clinics arr.

DENT:8485 Clinical Admissions Emergency 2 s.h.

Clinical evaluation, diagnosis, and treatment of patients with dental emergencies; patient assessment and referral to appropriate department for treatment.

DENT:8489 Clinical Practice and Professionalism V1 s.h.

Dental quality assurance from the viewpoints of patients, practicing dentists, dental educators, legal, insurers, and social workers. Evaluating dental practice in relation to quality assurance.

DENT:9000 Advanced Clinical Comprehensive Dentistry 0 s.h.

Clinical experience for professional improvement. Requirements: dental degree.