

# Dental Hygiene (DENT)

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## Courses

### ***DENT 2201 Principles of Dental Hygiene: 2 semester hours.***

Prevention of dental diseases, role of the dental hygienist and oral healthcare team are presented at the pre-professional level. Dental hygiene career content assists in formulating a career decision. F, S

### ***DENT 2220 Introduction to the Dental Office: 2 semester hours.***

Introduction to dental terminology and office procedures including duties and responsibilities of various dental personnel through lectures, activities and field experiences. F

### ***DENT 3307 Prevention and Management of Medical Emergencies: 3 semester hours.***

Presentations, discussions, cases, and active learning strategies provide a foundation for critical decision making in the management of medically compromised patients during oral health care. Emphasis on precautions and treatment alterations for patients with medical complications and protocols managing a medical emergency. PREREQ: Acceptance into Dental Hygiene program. COREQ: DENT 3313C. F

### ***DENT 3308 Oral Histology and Embryology: 2 semester hours.***

Study of the embryologic and histologic development of the face and oral structures and the histologic response of oral tissues specifically related to health and disease. Utilization of laboratory, microscopic and diagnostic aids. F

### ***DENT 3309 General and Oral Pathology: 3 semester hours.***

Study of common oral lesions and neoplasms including general, dental, and oral pathological processes with emphasis on etiology and oral manifestations of systemic disease. Critical application of patient history, laboratory, radiographic, and other diagnostic aids. PREREQ: DENT 3307, DENT 3308 and DENT 3313. S

### ***DENT 3311 Tooth Morphology: 2 semester hours.***

Morphological characteristics and development of the teeth and oral structures. Emphasis on occlusal and root anatomy for application of advanced clinical practice. F

### ***DENT 3312 Head and Neck Anatomy: 3 semester hours.***

Descriptive anatomical study of regions of the head and neck, including skeletal, blood, and nervous tissues. Special emphasis on structures related to clinical dental hygiene procedures. COREQ: DENT 3311. F

### ***DENT 3313 Clinical Dental Hygiene I: 3 semester hours.***

Introduction to the dental hygiene process of care. Emphasis on infection control protocols, beginning assessment, instrumentation principles and prevention therapies. PREREQ: Acceptance into Dental Hygiene program. COREQ: DENT 3313C. F

### ***DENT 3313C Clinical Dental Hygiene I Clinic: 3 semester hours.***

Preclinical application of principles, techniques, and concepts presented in DENT 3307 and DENT 3313. PREREQ: Acceptance into Dental Hygiene program. COREQ: DENT 3307 and DENT 3313. F

### ***DENT 3314 Clinical Dental Hygiene II: 2 semester hours.***

Continued application of the dental hygiene process of care. Emphasis on expanding on principles of patient communication and implementation of dental hygiene care for a variety of clients. PREREQ: DENT 3313, DENT 3313C, and DENT 3315. COREQ: DENT 3314C. S

### ***DENT 3314C Clinical Dental Hygiene II Clinic: 3 semester hours.***

Clinical application of the dental hygiene process of care for clients with periodontal health, gingivitis, and early periodontitis. Emphasis on assessment, dental hygiene diagnosis, planning, implementation and evaluation. PREREQ: DENT 3313, DENT 3313C, and DENT 3315. COREQ: DENT 3314. S

### ***DENT 3315 Preventive Dentistry: 2 semester hours.***

Basics of oral disease etiology and methods for disease management. Theoretical and practical knowledge of applied prevention strategies that improve oral health and positively impact self-care behavior. F

### ***DENT 3316 Dental Materials: 2 semester hours.***

Survey of physical and chemical properties of dental materials. Manipulation and practical application used in general restorative dentistry also are included. Restricted to Dental Hygiene major. F

### ***DENT 3318 Oral Radiology: 2 semester hours.***

Survey of principles of x-ray production, radiographic equipment and radiographic safety protocols. Application of principles and techniques of exposing, processing, and interpreting traditional and digital oral radiographic surveys. PREREQ: DENT 3312, DENT 3313, and DENT 3313C. COREQ: DENT 3318L. S

### ***DENT 3318L Oral Radiology Laboratory: 1 semester hour.***

Applied instruction and supervision for exposing, processing, evaluating, and interpreting oral radiographs. Emphasis on developing beginning competency prior to clinical experiences. PREREQ: DENT 3312, DENT 3313 and DENT 3313C. COREQ: DENT 3314C and DENT 3318. S

### ***DENT 3319 Preclinical Restorative Procedures: 2 semester hours.***

Didactic and laboratory application of dental materials and dental hygiene restorative therapies. Applied laboratory experiences with amalgam, tooth colored and temporary restorations; four-handed dentistry, impressions and study models are integrated. PREREQ: DENT 3311 and DENT 3316. S

### ***DENT 3320 Pain Management: 2 semester hours.***

Didactic and clinical instruction in pain management theory and procedures for administration of local anesthesia and analgesia agents. Emphasis on field and nerve block anesthesia and nitrous oxide analgesia techniques. PREREQ: DENT 3307 and DENT 3312. S

### ***DENT 3321 Periodontology: 2 semester hours.***

Concepts of periodontology involving assessment, etiology, risk factors, and classification of periodontal diseases; basic treatment planning, and implementation of periodontal therapy. PREREQ: DENT 3308, DENT 3313, and DENT 3313C. COREQ: DENT 3314 and DENT 3314C. S

### ***DENT 3322 Basic and Applied Pharmacology for Dental Hygiene: 2 semester hours.***

Basic pharmacology and therapeutic uses of selected drug groups. Restricted to Dental Hygiene major. S

### ***DENT 3330C Interim Clinic: 2 semester hours.***

Continued clinical application of dental hygiene procedures emphasizing total patient care. For students who require additional clinical course experience for DENT 3314C, DENT 4403C or DENT 4404C sufficient for progression or graduation. May be repeated once. F, S, Su

### ***DENT 3340C Enhanced Strategies in Clinical Care: 1 semester hour.***

Continued clinical application of the dental hygiene process of care. For students who desire enrichment of clinical experiences for preparation prior to DENT 4404C or completing clinical board examinations. PREREQ: Permission of department. Graded S/U. Su

### ***DENT 3399 Experimental Course: 1-6 semester hours.***

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

**DENT 4401 Research Methods: 2 semester hours.**

Fundamental and working knowledge of the scientific method employed in oral health research. Development of lifelong learning skills through critical analysis of research findings. PREREQ: MATH 1153 and ENGL 1102. F

**DENT 4402 Advanced Periodontology: 2 semester hours.**

Continued study of periodontal diseases and therapy with emphasis on critical application of advanced disease processes and treatment planning for moderate to severe periodontal cases with medically compromised health status. PREREQ: DENT 3314, DENT 3314C, and DENT 3321. COREQ: DENT 4403 and DENT 4403C. F

**DENT 4403 Advanced Clinical Theory I: 2 semester hours.**

Advanced clinical theory and procedures for all phases of dental hygiene practice including nonsurgical periodontal therapy, ultrasonic scaling, instrument recontouring, assessment procedures and dietary counseling. PREREQ: DENT 3314 and DENT 3314C. COREQ: DENT 4403C. F

**DENT 4403C Advanced Clinical Practice I Clinic: 4 semester hours.**

Continued application of the dental hygiene process of care through critical application and decision-making. Emphasis on continued skill development in nonsurgical periodontal therapy, self-care education, ethical and professional judgment, self-assessment and peer evaluation. PREREQ: DENT 3314 and DENT 3314C. COREQ: DENT 4403. F

**DENT 4404 Advanced Clinical Theory II: 2 semester hours.**

Continued study of advanced clinical care. Emphasis on advanced instrumentation, interprofessional collaborations and communication, practice management and professional and career development. PREREQ: DENT 4403 and DENT 4403C. COREQ: DENT 4404C. S

**DENT 4404C Advanced Clinical Practice II Clinic: 4 semester hours.**

Advanced application of the dental hygiene process of care through critical application and decision-making. Emphasis on continued skill development in nonsurgical periodontal therapy, self-care education, ethical and professional judgment, self-assessment and peer evaluation. PREREQ: DENT 4403 and DENT 4403C. COREQ: DENT 4404. S

**DENT 4405 Dental Hygiene Seminar: 1 semester hour.**

Practical application of scientific methods to design and present oral health research in interprofessional forums, in addition to current theories and topics in dental hygiene practice. PREREQ: DENT 4401. S

**DENT 4408 Ethical and Legal Principles: 2 semester hours.**

The study and application of legal, ethical, and moral responsibilities of health care professionals as related to the practice of dental hygiene. Licensure, legal terminology and the Idaho Dental Practice Act will be discussed. F

**DENT 4411 Application of Restorative Therapies: 2 semester hours.**

Didactic and laboratory application of advanced procedures emphasizing pain control methods, preventive and restorative expanded functions and four-handed dentistry procedures. PREREQ: DENT 3319 and DENT 3320. COREQ: DENT 4411C. F

**DENT 4411C Restorative Care I: 1 semester hour.**

Clinical application of advanced pain control methods, restorative and preventive therapy and four-handed dentistry procedures. Restricted to Dental Hygiene major. PREREQ: DENT 3319 and DENT 3320. COREQ: DENT 4411. F

**DENT 4412C Restorative Care II: 1 semester hour.**

Advanced clinical application of pain control methods, preventive and restorative therapy and four-handed dentistry procedures. Restricted to Dental Hygiene major. PREREQ: DENT 4411 and DENT 4411C. S

**DENT 4413 Community Health and Special Needs Populations: 3 semester hours.**

Concepts of dental public health, health promotion and education, research, preventive counseling, and patient management along with modifications of dental hygiene care for individuals with transient or lifelong special needs emphasizing the elderly, people with disabilities, and individuals from diverse cultures. Applied methods are used to create a community health program that supports a sustained improvement in oral health behaviors, knowledge and attitudes for population groups. PREREQ: DENT 3314, DENT 3314C, and DENT 3315. COREQ: DENT 4401 and DENT 4403C. F

**DENT 4414 Community Outreach Experiences: 2 semester hours.**

Field experiences for providing oral health services to populations in need, and promoting oral health through educational programs. Implementation and evaluation of oral health programs with dissemination of actual outcomes to the professional community and stakeholders. PREREQ: DENT 3315 and DENT 4413. S

**DENT 4421 Leadership and Health Policy: 2 semester hours.**

Focus on the concept of leadership at the health policy and systems level. Principles, theories and strategies of leadership relevant to health care professionals are presented. Professional development for lifelong learning is addressed. Restricted to senior year professional status or Dental Hygiene major. S

**DENT 4422 Educational Strategies and Applied Methods: 2 semester hours.**

Exploration of educational principles and methods of teaching and instructional design for a variety of settings and population groups. Topics include analyzing, planning, developing, implementing and evaluating instruction; practical application of instructional strategies including formative and summative evaluation in the classroom and clinical settings are included. Restricted to senior year professional status or Dental Hygiene major. F

**DENT 4424 Principles of Interprofessional Practice Management: 3 semester hours.**

Exploration of professional issues influencing dental hygiene practice including administrative roles and responsibilities of planning, implementing, managing, and evaluating health care programs and practices. Financial aspects of practice management are included. Practical application of interprofessional collaboration and management principles are used to implement and evaluate health care programs and practices. Restricted to senior year professional status or Dental Hygiene major. S

**DENT 4481 Independent Studies in Dental Hygiene: 1-3 semester hours.**

Students will select an area of special interest to pursue through independent study. The student normally is required to present a report giving results of his/her work. May be repeated to a maximum of 12 credits. F, S, Su

**DENT 4499 Experimental Course: 1-6 semester hours.**

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