

DEN6705L: Public Health Rotation

Fall 2021

Course Description:

This course utilizes experiential service learning in schools to expand students' understanding of the scientific and theoretical basis and practical application of clinical and population-based oral health surveillance, oral health promotion, and oral disease prevention.

I. General Information

Course Director:

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Course Credits: 1
Semester: Fall 2021

Support Staff

Kelly Jamerson Raulerson, R.D.H. (352) 273-5971 KRAULERSON@dental.ufl.edu TA / Syllabus / Grade Administrator
Jennifer Brock Bushnell (352) 273-6800 JBROCK@dental.ufl.edu TA / Syllabus / Grade Administrator

II. Course Goals

The goal of this course is to provide dental students with the theoretical and practical foundation for dental public health and preventive dentistry. This course will assist the student in providing patient oral hygiene education and preventive oral health techniques focused on the reduction of risk factors for caries, periodontal diseases, and other systemic conditions. It also provides grounding and first-hand experience in community-based oral health assessment and disease prevention.

III. Course Overview

Dental Public Health Rotations

Students will be assigned a minimum of 1 half-day rotations in elementary and middle schools in Alachua County to conduct oral health surveillance and participate in the school-based sealant program. Students may also be assigned to Dental Public Health rotations with the Alachua County Head Start Program, Gainesville Housing Authority, or other local organizations with whom our department has established community dental outreach programs. Students must view the “Dental Screenings” and “Dental Sealant Program” modules in Canvas and complete the associated quizzes in these modules prior to their first scheduled rotation. Students are responsible for viewing the Mediasite recordings for the lectures in other courses they may miss on their assigned half-day rotations. Students will not be assigned to rotations on days when they have scheduled pre-clinical activities or exams for other courses.

The nature of school-based screening and prevention programs is that they must accommodate the individual public schools’ schedules. The screening and surveillance program is conducted at all public elementary schools in Alachua County in conjunction with other health screenings (height & weight, vision, and hearing) and FluMist administration, all of which are conducted by UF students from other HSC colleges (Pharmacy, Nursing, and Medicine). The dental sealant program will be conducted at selected Alachua County elementary and middle schools at high-risk for dental problems.

Community Service

A minimum of 4 clock hours of community service per academic semester is required to fulfill the requirements of this course. You may choose to participate in college or institutionally supported events, or you may seek out volunteer initiatives on your own. All non-college initiatives require submission of the Community Service Pre-Approval Form at least one week prior to the initiative. This form is found in the Community Service Hours Module of this Canvas course. Please email the completed pre-approval form to jbrock@dental.ufl.edu or oluaces@dental.ufl.edu

- You will receive hour for hour credit for service-learning initiatives.
- Credit will be awarded for independent or university and college-sponsored initiatives that require service of self and have a direct social impact on our community.
- Non-institutional or independent initiatives are acceptable with pre-approval. A pre-approval form for your own initiatives is located in the Community Service Hours Module of this Canvas Course.

Following are some basic guidelines to help you get the most out of your service-learning experiences:

- Pick something you are passionate about. You have many talents, including that of a young professional in your field, to share with others.

- This is meant to be a positive experience, not punishment, so make it enjoyable.
- Finish your requirement early, over time.
- Document and submit all hours, even those in excess of the 4 required per semester. In the third and fourth years of the DMD program, we often use summative hours to determine awards and scholarships. Make sure your documentation includes a supervisor's signature. Jennifer Brock (352.273.6800) manages hours tracking.
- Fill out the pre-approval form in advance of your non-college-sponsored initiatives, or you will not receive credit for outside activities.
- If EVER in doubt, contact Jennifer Brock or Dr. Olga Luaces with questions.

Examples of **acceptable** independent service-learning initiatives:

- Any clinical initiatives sponsored by or organized through the UFCD: Service Trips, WeCare, FreeDOM Clinic, Baptist Van.
- Any pre-approved or college sponsored social initiatives that meet the time and impact requirements above, such as Habitat for Humanity, Coastal Cleanup, and Special Olympics.
- March of Dimes, Equal Access Clinic, Points of Light, etc that requires you to directly donate your time with a direct impact on the community.
- Any pre-approved initiative that is meaningful to you and meets the service criteria above. **If not sponsored by the UFCD, requires pre-approval (please see Community Service Hours Module of this Canvas Course).**

Examples of **unacceptable** service-learning initiatives:

- Being paid for anything, monetary donations independent of service, fulfilling 2 requirements at once (course credit and service credit) or something outside of the institution for which you have not received pre-approval.
- Faith-based initiatives are acceptable as long as they impact the community from a social service perspective - for example, health fairs or provision of care. Teaching Sunday school or coaching your child's sports team does not qualify.
- General political canvassing or campaigning is unacceptable. Exceptions may be made on a case by case basis, if they involve legislation to improve increased access to health care or reform in current policy.
- Not all school-based initiatives will be accepted (i.e., tours for admissions) The goal of this is personal growth and community impact. If you have a question, please ask!
- If in doubt, fill out a pre-approval form prior to the initiative. **Pre-approval forms are located in the Community Service Hours Module of this Canvas Course.**

IV. Course Outline

Module 1: Dental Screenings Overview lecture and quiz

Module 2: Dental Sealant Program Charting Overview lecture and quiz

Dental Public Health rotation half-day assignment(s)

Module 3: Community Service Hours

V. Course Material

There are no required or recommended readings for this course. All supplies will be provided on community rotations. Students should bring loupes and headlamp (if available.)

Additional Resource:

Dental Lib Guide: <http://guides.uflib.ufl.edu/dental>

VI. Course Objectives

- Explain the purpose of oral health surveillance.
- Identify factors used to target populations for community-based prevention programs.
- Identify specific outcomes used to evaluate community-based prevention programs.
- Describe a feasible approach to ensuring the sustainability of a community-based prevention program.
- Describe the steps involved in conducting a community-based oral health screening and surveillance program.
- Describe the steps used to initiate and conduct a school-based dental sealant program.
- Discuss dental care delivery, financing, and access issues.
- Discuss health promotion, community health education, and oral health coalitions.
- Conduct professional oral health surveillance screenings.
- Collect and submit surveillance data gathered.
- Apply sealants in a school-based dental sealant program.
- Provide fluoride varnish and oral health education to patients.
- Complete a minimum of 4 hours of service that have a direct positive social impact on the community.

VII. Course Competencies

This course teaches to the following competencies in the "Competencies for the New Dental Graduate":

Domain II: Professionalism

6: Appropriate Referral: Provide oral health care within the scope of general dentistry to include recognizing the complexity of patient treatment and identifying when referral is indicated.

Domain III: Communication and Interpersonal Skills

7. Communication Skills: Apply the fundamental principles of behavioral sciences using patient-centered approaches for promoting, improving and maintaining oral health.

8. Diversity: Manage a diverse patient population and have the interpersonal and communication skills to function successfully in a multicultural work environment.

Domain IV: Health Promotion

9: Health Promotion & Disease Prevention: Provide oral health care within the scope of general dentistry to include health promotion and disease prevention.

Domain V: Practice Management and Informatics

11: Practice Management: Apply the basic principles and philosophies of practice management, models of oral health care delivery and how to function successfully as the leader of the oral health care team.

Domain VI: Patient Care - A. Assessment, Diagnosis, and Treatment

12: Patient Assessment, Diagnosis, Treatment Planning and Informed Consent: Provide oral health care within the scope of general dentistry to include patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent.

VIII. Evaluation

This is a Satisfactory/Unsatisfactory graded course. Students will be evaluated at the conclusion of the semester.

Evaluation will be based on completion of the quizzes associated with the “Dental Screening” and “Dental Sealant Program” modules available on the Canvas course page, attendance at assigned Dental Public Health half-day rotation(s), and completion of a minimum of 4 community service hours that meet the requirements specified in the course syllabus.

Students must complete all quizzes, achieve a quiz average of greater than 70%, attend all Dental Public Health rotation half-day assignment(s), and complete a minimum of 4 community service hours to receive a grade of “Satisfactory”. Quizzes will be worth 20% of the student’s overall grade. Attendance at the student’s assigned dental public health rotation(s) will constitute 70% of the student’s overall grade. The minimum 4 hours of community service will be worth 10% of the student’s overall grade.

Students failing to complete one or more quizzes, failing to attend one or more of their Dental Public Health rotation half-day assignments, or failing to complete the minimum 4 hours of community service without notifying the Course Director will receive a grade of “Unsatisfactory”. These students will be reported to the Student Performance Evaluation Committee (SPEC) and must meet with the Course Director to determine a remediation plan.

Students unable to complete one or more quizzes, the minimum 4 hours of community service, or Dental Public Health rotation half-day assignments due to an approved excuse will be issued a grade of "Incomplete". Students will be required to make up any missed quizzes, community service hours, or rotations within one semester of receiving the "I" grade. If this does not occur, students will receive a "U" grade, will be reported to the Student Performance Evaluation Committee (SPEC), and must meet with the Course Director to determine a remediation plan.

Course Remediation

Remediation may consist of additional scheduled rotation(s), completion of one or more make-up quizzes, and/or re-writing the reflection assignment to a satisfactory level.

Faculty Evaluation

"Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://ufl.bluera.com/ufl/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.ua.ufl.edu/public-results/>."

IX. Administrative Practices

Administrative practices for all UFCD courses are universally applied. Exceptions to or deviations from these practices are stated in the individual syllabi by the course director. When not individually stated in the syllabus, course administrative practices default to those identified under "Course Policies" on the DMD Student Website:

<https://dental.ufl.edu/education/dmd-program/course-policies/>

X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.