

# DEN6705L: Public Health Rotation

Summer 2020, Fall 2020, Spring 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:

Olga S Luaces, D.M.D., M.P.H.

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Course Credits: 1

Semester: Summer 2020, Fall 2020, and Spring 2021

### Support Staff

Kelly Jamerson Raulerson, R.D.H. (352) 273-5971 [KRAULERSON@dental.ufl.edu](mailto:KRAULERSON@dental.ufl.edu) TA / Syllabus / Grade Administrator

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## 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

During Semester 3, students will be responsible for viewing pre-recorded lectures on the following topics related to Dental Public Health:

- Overview of Dental Public Health
- Dental Care Delivery, Financing, and Access
- Community-Based Oral Health Promotion and Disease Prevention
- Epidemiology

Following each lecture will be a quiz to assess students' knowledge of the lecture objectives.

In Semesters 4 and 5, students will be assigned a minimum of 2 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 or by the end of Semester 4. 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.

After students have completed their final rotation in Semester 5, students must complete a 500-word reflection assignment based on their clinical experiences in the course. Students will be asked to write about what their expectations were concerning working with low-income populations prior to the course, and how their actual experiences compared to this. The reflection assignment may be submitted at the completion of all planned rotations for the student, or one week prior to the last day of the course.

### IV. Course Outline

Semester 3:

- Module 1: Course Orientation
- Module 2: Overview of Dental Public Health lecture and quiz

- Module 3: Dental Care Delivery, Financing, and Access lecture and quiz
- Module 4: Community-Based Oral Health Promotion and Disease Prevention lecture and quiz
- Module 5: Epidemiology lecture and quiz

Semester 4:

- 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)

**Semester 5:**

- Dental Public Health rotation half-day assignment(s)
- Dental Public Health Rotation Reflection Assignment

## 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.

## 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 each semester.

Semester 3:

- Evaluation will be based on completion of the quizzes associated with the pre-recorded Dental Public Health lectures available on the Canvas course page.
- Students must complete all quizzes and achieve a quiz average of greater than 70% to receive a grade of "Satisfactory".
- Students failing to complete one or more quizzes 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 due to an approved excuse will be issued a grade of "Incomplete". Students will be required to make up any missed quizzes

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.

#### Semester 4:

- 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, as well as attendance at assigned Dental Public Health half-day rotation(s).
- Students must complete all quizzes, achieve a quiz average of greater than 70%, and attend all Dental Public Health rotation half-day assignments to receive a grade of "Satisfactory". Quizzes will be worth 20% of the student's overall grade for Semester 4. Attendance at the student's assigned dental public health rotation(s) will constitute 80% of the student's overall grade for Semester 4.
- Students failing to complete one or more quizzes or failing to attend one or more of their Dental Public Health rotation half-day assignments 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 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 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.

#### Semester 5:

- Evaluation will be based on attendance at assigned Dental Public Health half-day rotation(s) as well as on completion of the 500-word Reflection assignment.
- Students must attend all Dental Public Health rotation half-day assignments and complete the Reflection assignment to receive a grade of "Satisfactory". Attendance at the student's assigned dental public health rotation(s) will constitute 80% of the student's overall grade for Semester 5. The Dental Public Health Reflection assignment will be worth 20% of the student's overall grade for Semester 5.
- Students failing to attend one or more of their Dental Public Health rotation assignments or failing to complete the Reflection assignment 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 attend one or more Dental Public Health rotation half-day assignments or unable to complete the Reflection assignment due to an approved excuse will be issued a grade of "Incomplete". Students will be required to make up any missed rotations or the reflection assignment 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.aa.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.