UNI 500: Antibiotics & Public Health

ACADEMIC YEAR 2015-2016

COURSE DESCRIPTION
This 2-credit course is designed to provide students of all disciplines greater depth of understanding of the public health perspective on problems of inappropriate antibiotic use and antibiotic-resistant bacteria. Students will learn communication techniques and curriculum that can be used to educate the general public, patients, and healthcare providers about bacterial infections, antibiotic resistance, and appropriate antibiotic use. Students will work in teams to design and develop tools that can be used to facilitate public health education in this area. Participation in this course involves direct involvement in the Oregon AWARE (Alliance Working for Antibiotic Resistance Education) program. Oregon AWARE is an initiative of the Centers for Disease Control and Prevention that is directed by the Oregon Department of Human Services Public Health Division.

COURSE OBJECTIVES
At the completion of this course, students should be able to:
1. Understand the public health burden of antibiotic resistance among bacterial pathogens
2. Understand how judicious and appropriate antibiotic use benefits individual patients and the greater population
3. Understand the role of the health care provider as a public health educator and advocate for appropriate antibiotic use
4. Demonstrate ability to communicate educate the general population on the topics of infections, antibiotics, antibiotic resistance, immunizations, and infection prevention and control
5. Develop tools that can be used to educate health professionals and/or the general public about antibiotics, antibiotic resistance, immunizations and infections
6. Demonstrate leadership and organizational skills through organization of an annual outreach event to the public that aims to provide influenza immunizations as well as education on appropriate antibiotic use
7. Identify the opportunities for healthcare provider collaboration with the Oregon Department of Human Services Public Health Division

COURSE COORDINATORS
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COURSE CREDIT
This course is a 2.0 credit-hour course, delivered in Fall term.

COURSE LOCATION AND MEETING DAYS
CLSB 15008
Fridays 2:00 pm – 3:50 pm

WEEKLY SESSION TOPICS AND COURSE SCHEDULE

<table>
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<tr>
<th>Date(s)</th>
<th>Session Type</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9/25</td>
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<td>No Class</td>
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<tr>
<td>10/2</td>
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<td>Group Session (S), Intersession (IS)</td>
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<td>Course introduction, overview of course expectations, group assignments (Kenney-Moore, McGregor, Jaqua)</td>
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<td>Ice breaker</td>
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<td>Antibiotic Resistance &amp; Public Health (McGregor)</td>
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<td>Introduction to OHA and Oregon AWARE (Jaqua)</td>
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<td>10/9</td>
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<td>Group meetings with instructors to review proposed projects</td>
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<tr>
<td>10/2 – 10/16</td>
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<td>Group meetings with instructors to review proposed projects</td>
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<td>10/16</td>
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<td>Project proposal presentations</td>
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<td>Antibiotic Treatment of urinary tract infections (Tallman)</td>
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<td>Project planning and Get Smart Week Planning</td>
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<td>10/23</td>
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<td>Antimicrobial Stewardship (Tallman)</td>
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<td>10/30</td>
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<td>OHA Motivational Interviews/Difficult conversations training</td>
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<td>11/6</td>
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<td>Planning for Get Smart Week /Project Work</td>
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Comment [J M1]: Include something about each profession’s scope of practice.

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Comment [J C M3]: Jessina out of town

Comment [J C M4]: Tessa out of town
11/13  Resistance documentary & Facilitation planning

10/16-12/4  Group meetings with instructors to review projects

11/20  TBD

11/16-11/20  Get Smart About Antibiotics Week – Film Showing at the CLSB

11/27  NO CLASS (Thanksgiving Holiday)

12/4 (NOON-2pm)  S  Final Project Presentations

Reflection statement and peer evaluations due

12/4  IS  Final Project and Final Project Report Due via email by 5pm to Dr. McGregor

REQUIRED TEXTS, READINGS AND EQUIPMENT

All required material will be supplied.

ATTENDANCE REQUIREMENTS, GRADING AND REMEDIATION

Students will receive a grade of “Pass” or “No Pass” for the course. To receive a “Pass,” you must:

1) Students are required to participate AWARE-related outreach activities and write a brief reflection statement for each activity.
2) Students will be expected to complete one group project aimed at developing innovative methods of educating the public, patients, or healthcare providers about appropriate antibiotic use, infectious diseases, and antibiotic resistance. Requirements for the group project will be provided in class. Note that additional meetings between student groups and the instructor are mandatory and are necessary to facilitate development and successful completion of the project.
3) Receive a passing score on all assignments and presentations.
4) Complete the peer evaluation rubric for all group members.

All absences should be reported to the course coordinator before class start. Makeup in case of excused absence or remediation in case of failure to successfully complete any of the items above will be determined on a case-by-case basis by the course coordinator who will communicate the remediation plan to any students who may be affected.

COURSE SPECIFIC INCLEMENT WEATHER PROCEDURES

In the case of inclement weather, the course coordinators will notify students by email about
changes to the class schedule

COPYRIGHT INFORMATION

Every reasonable effort has been made to protect the copyright requirements of materials used in this course. Students are may not personally capture audio or video of class presentations without expressed written consent of the course director. Journal articles are provided in Sakai for your use. Copyright law allows you to make one personal copy of each article from the original article posted. This limit also applies to electronic sources. This practice does not permit you to distribute the material you retain.

OHSU policy requires Sakai sites to close three weeks after grades have been submitted to the registrar in compliance with US Copyright Law and adherence to the fair use doctrine of copyrighted materials in educational settings. This course is unique so it will remain active until the final session. You are encouraged to download any needed material before sites are permanently closed on April 30, 2015.

SYLLABUS CHANGES AND RETENTION

This syllabus describes the policies and procedures of this course. It is recognized that changes may be made as needs arise. Students are responsible for keeping a copy of the course syllabus for their records.

ACCOMMODATIONS

OHSU is committed to providing equal access to qualified students with disabilities. Student Access determines and facilitates reasonable accommodations, including academic adjustments and auxiliary aids, for students with documented disabilities. A qualified student with a disability is a person who meets the academic and technical standards requisite to admission or participation in a particular program of study. As defined by the Americans with Disability Act (ADA), a person with a disability has a physical or mental impairment that substantially limits one or more major life activities of the individual. This may include, but is not limited to, physical conditions, chronic health issues, sensory impairments, mental health conditions, learning disabilities and ADHD. Student Access works with students with disabilities from all of OHSU’s educational programs and at each campus.

Each school has an assigned Program Accommodation Liaison (PAL), who acts as an “in-house” resource for students and faculty concerning access issues for students with disabilities. The PAL works in collaboration with Student Access to implement recommended accommodations for students with disabilities.
It is recommended that you contact Student Access to consult about possible accommodations if you a) received disability accommodations in the past, b) begin experiencing academic difficulties, and/or c) are given a new diagnosis from your healthcare provider.

Learn more about Student Access: Phone: 503 494-0082
Email: studentaccess@ohsu.edu Website: www.ohsu.edu/student-access

**ACADEMIC HONESTY**

Students are responsible for their own academic work. Students are expected to have read and practice principles of academic honesty, as presented in your school’s student handbook.