Instructor Name: Joseph H. Bisesi Jr, PhD  
Phone Number: 352-294-4703  
Email Address: jbisesi@phhp.ufl.edu  
Office Location: Center for Environmental and Human Toxicology (Building 471/470) Room 105  
Office Hours: Wednesdays 8:30-9:30 am

Teaching Assistant: To Be Determined  
Email Address: To Be Determined

Preferred Course Communications: The “Inbox” in Canvas will be used for all email correspondence. Instructors and TAs will not be responsible for emails sent their “UFL” email addresses

Prerequisites
None

COURSE DELIVERY FORMAT
This course will be taught in a concurrent on-campus/on-line format. What this means is that students enrolled in the on-campus section of the course (PHC6937-36BE) will attend class on-campus, Tuesdays from 5:10 pm-8:10 pm in HPNP Room G-112. Students that are registered for the online sections (PHC6937-01E0, PHC6937-3A83, HSC4930-278B, HSC4930-3E11) will have the option of either coming to class on the day and time described above, watching the course via live stream, or watching the recorded lectures at a later date and time. If possible, I recommend that students try and at least live stream the lectures as this allows students to ask questions in the middle of the presentation as well as have their answers shared with other students. There will be times when all students (on-campus and on-line) will be required to be present (physically or through conferencing software) to facilitate discussions of student presentations. The dates and times for these activities will be posted in the syllabus.

PURPOSE AND OUTCOME
Course Overview
This course is intended to introduce applications of environmental toxicology in the context of public health. Toxicology is the science that deals with the health effects that can result from exposure to chemical, biological, and physical agents in the environment. The course materials
focus on the fate of chemicals in our environment, routes of exposure and measures taken to decrease these exposures, and approaches that are commonly used by public health officials when dealing with toxicants. Along with the scientific foundation of how chemicals cause adverse health effects, the role of public health is reinforced throughout the course with the goal of educating students on problem solving and decision-making required of public health practitioners. The course is tiered for both undergraduate (PHC 4930) and graduate students (PHC 6937), with graduate students completing additional assignments.

Course Objectives and/or Goals
Upon completion of this course, students will be able to:
1. Describe the role of toxicologists in public health, methods used to quantify toxicity, regulations that govern toxic substances, and assessment of risks posed by exposure to toxicants
2. Defend the use of common environmental toxicology applications in the practice of public health disciplines
3. Differentiate the properties of chemicals, biological toxins, and physical agents that influence fate and toxicity in humans, animals, and the environment
4. Develop informed decisions regarding toxicity of pollutants in the environment, their origins, and mitigation strategies that are protective of the public

Relation to Program and Learning Outcomes
Competencies primarily gained in this course
1. Understanding of effects of toxic substances on humans and the environment
2. Diagnose and investigate health problems and assess risks using a community-centered framework
3. Inform, educate, and empower people about the potential hazards of toxic substances to environmental and human health
4. Understand laws and regulations that protect health and ensure safety
5. Communicate effectively with constituencies in oral and written forms

Competencies reinforced in this course
1. Recognition of the role of environmental sciences in the health of populations
2. Develop policies and plans that support individual, community, and population health
3. Conduct research for new insights and innovative solutions to health problems

Instructional Methods
1. Lectures: Students are responsible for all the material presented. This will be the main source of content in this course.
2. Readings: There are required readings each week. In addition to the required text, supplementary readings and resources will be posted in the course. The reading list may be supplemented during the course.
3. Student Presentations: Graduate students will present on their assigned topics and lead discussions. Undergraduate students will present on current events. All students will be responsible for the content of the presentations and discussions.
4. Assessments: The primary assessments will be written assignments, a presentation, and a mid-term and final examination.
What is expected of you?

You are expected to watch weekly lectures and complete all readings, assignments, and exams. Additionally, you are expected to actively engage in the course throughout the semester. Your participation fosters a rich experience for you and your peers that facilitate overall mastery of the course objectives.

DESCRIPTION OF COURSE CONTENT

This course is taught as a series of modules, each covering one specific aspect of environmental toxicology. Each module may contain lectures, external links, videos, discussions and required readings as well as assignments. You are responsible for all course content regardless of the format. The topical Outline/Course Schedule below details the dates of content modules and assignments. Debates and Exams are also listed.

Getting Started

2. Find our course website. It will be listed as PHC6397/HSC4930: Environmental Toxicology Applications in Public Health, Fall 2018
3. Complete the “Getting Started” Module under the Modules Tool (left menu). This will prompt you to download and review the syllabus, review the materials on plagiarism, and complete the syllabus quiz.

The remainder of the course materials will be locked and unavailable to you until you have completed the “Getting Started” Module. You MUST earn a 100% score on the quiz in this module for the course materials to open in the course site. If you do not receive a 100% score, please review the feedback on your quiz attempt and retake as soon as possible. This is an important element to insure that all students are aware of the curriculum requirements for this course. If you have ANY difficulty with this quiz, please send an email in the course to using the Canvas “Inbox” as soon as possible.

Course Materials and Technology

Text book (Required):
Principles and Practice of Toxicology in Public Health, 2nd edition

e-Learning in Canvas site:
There will be an online site for this course in Canvas, the learning management system supported by the University. Log in at https://elearning.ufl.edu/ and go to course site for PHC6397/PHC4930: Environmental Toxicology Applications in Public Health, Fall 2017

Here, I will post the syllabus, lecture slides, assignments and allow for communication between the students and course instructors. You will also turn in assignments through this site. Once the course begins, all communication will take place through the e-Learning in Canvas site. This includes all emails. This will eliminate any issues with students not getting emails due to
connection problems. It will be your responsibility to check the site on a routine basis to keep up with announcements, emails, and course modifications.

For technical support related to course materials and links, please contact me and the online course coordinator.

For technical support for this e-Learning in Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- https://lss.at.ufl.edu/help.shtml

**ACADEMIC REQUIREMENTS AND GRADING**

**General information**
Assignments are to be turned in as a Word document or PowerPoint file as directed, unless otherwise indicated. They will be returned to you with comments. If you have unexpected issues with Canvas, you may email the assignment to the course TA and instructor directly. Assignments are normally intended as individual projects unless otherwise directed. Shared work may be treated as a form of plagiarism. Assignments may be required to be submitted via Turnitin in this course (this will be done automatically in the Canvas Assignment). This tool will pick up any passages in students’ work that come from another source. Be sure to adequately cite your sources/references for these assignments to avoid plagiarism (see format below). Also please confirm that your work is not overtly plagiarized, the Turnitin system will give you a report. Some similarity is expected and unavoidable, however if large portions are copied from other sources, this will be as considered plagiarism.

The Canvas assignment tool will notify you confirming the submission of your assignment. PLEASE check your UFL email at http://webmail.ufl.edu on a regular basis for these and other email notices from the course site. If you do not receive an email confirmation within 2 hours of submission, please return to the site and resubmit your assignment. It is a student’s responsibility to verify that they turn in assignments on time and that they turn in the CORRECT assignment attachment. Please take a few moments to open your submitted attachment and verify that you have submitted to correct file.

You will be graded in the course through the use of written homework and exams.

**Written Assignments (Graduate and Undergraduate Students)**
There will be 4 assignments (4 assignments worth 50 points each; Total 200 points). Typically these will be one to two single-spaced pages long. Detailed instructions will be provided with each assignment.

Assignments are to be turned in as a Word document in the Canvas Assignment tool, unless otherwise indicated. They will be returned to you with comments. If you have unexpected issues with Canvas, you may email the assignment to the course TA and professor directly. Assignments are normally intended as individual projects unless otherwise directed. Shared work may be treated as a form of plagiarism. Assignments may be required to be submitted via Turnitin in this
course (this will be done automatically in the Canvas Assignment). This tool will pick up any passages in students’ work that come from another source. Be sure to adequately cite your sources/references for these assignments to avoid plagiarism (see format below). Please check your Turnitin report by going back to the assignment and clicking on the colored box icon in the assignment (you want to achieve a blue or green indication) – anything yellow, orange or red should be adjusted and resubmitted BEFORE the assignment deadline. So, it is recommended that you submit EARLY to enable you to utilize this option of resubmission. Resubmissions after the due date may be subject to a late submission penalty. Written assignments will be due at 11:55 PM on the due date. Late submissions will be subject to the late assignment policy below.

Environmental Disasters Presentation (GRADUATE STUDENTS ONLY)
Each student will complete a presentation during the course (200 points). Each student will be assigned a historical contamination event in which to present on within the first two weeks of the course. Students are expected to prepare an 18-20 minute presentation about the event according to the directions on the canvas site. Presentations must be recorded by the student and uploaded to the canvas site under assignments. The presentations will be posted to the discussion board for the rest of the course to see, which will foster discussion on the specific event. There is no limit on number of slides but students must use at least 10 primary references in the preparation of their presentation. More details about the presentation will be posted on the canvas site.

Current Events Presentation (Undergraduate Students Only)
Each Student will complete a presentation on a current event as it relates to your assigned topic (100 points). Students will find an article that describes a current event and prepare a 5 minute presentation on the topic. The presentation will be given either in class or via conferencing software. More details on the formatting of this presentation will be given on the canvas site.

Discussions (Graduate and Undergraduate Students)
All students will participate in discussions throughout the semesters (150 points total). Each graduate student will lead a discussion following their respective presentation. All students will be expected to participate in these discussions. To facilitate both on-campus and on-line student presentations, on-campus students will deliver their presentations in the classroom and all students will be present during these presentations (either in the classroom or via conferencing software). Students will receive full credit for these discussions by actively contributing to the discussions. On-line students will record their presentations and I will post them to the canvas site for the rest of the class to view. Each student is expected to make at least one original discussion post as well as one reply to another student’s discussion post for EACH presentation. The student whose presentation is being discussed is expected to reply to two discussion posts for that discussion. The original discussion posts need to be posted by the Wednesday for that week's discussions, the replies need to be posted by the Sunday for that week's discussions. For example, presentation group 1 will need to turn in their presentations by Sunday 9/16/2017. Those presentations will be posted be posted on the canvas site (under assignments) by Monday 9/17/2017. All students (with the exception of the presenters) will need make an original discussion post by Wednesday, 9/19/2017 by 11:59 PM. All students (including presenters) will need to post their replies by Sunday, 9/23/2017. More details on the content of discussion posts will be posted on the Canvas site.
Exams (Graduate and Undergraduate Students)
There will be two in class exams: a midterm and a final (200 points each; Total 400 points). The format for both exams will be **CLOSED BOOK**. The midterm exam will test your knowledge of the first series of modules, including material covered in lectures and assigned readings. The final exam will focus on material covered in modules from the midterm onward; however, as this material builds on concepts presented during the first half of the course, it will be imperative to have a good comprehension of material covered during the first part of the course. Both exams will be comprised of multiple choice, matching, short answer, true/false and essay questions, where you will be expected to interpret the material that is presented in the course and apply it to the scenarios or situations that the exam questions present. You will have 2 hours to complete each exam. Exams will be administered through the Canvas Online Learning System. We will utilize Proctor U proctoring service for all exams. More information on how to take exams will be provided on the course site. An exam review document will be posted the week before each exam. There will also be a discussion board in the course dedicated to student questions about the exam.

**Grading**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Due date</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Assignments = 4 @ 50 points</td>
<td>See Course Schedule</td>
<td>200</td>
</tr>
<tr>
<td>Presentation = 1 @ 200 points for grad students</td>
<td>See Course Schedule</td>
<td>200</td>
</tr>
<tr>
<td>Discussions = 150 points total</td>
<td>See Course Schedule</td>
<td>150</td>
</tr>
<tr>
<td>Midterm Exam = 1 @ 200 points</td>
<td>See Course Schedule</td>
<td>200</td>
</tr>
<tr>
<td>Final Exam = 1 @ 200 points</td>
<td>See Course Schedule</td>
<td>200</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>950</strong></td>
</tr>
</tbody>
</table>

Graduate Students (PHC6937)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Due date</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Assignments = 4 @ 50 points</td>
<td>See Course Schedule</td>
<td>200</td>
</tr>
<tr>
<td>Discussions = 150 points total</td>
<td>See Course Schedule</td>
<td>150</td>
</tr>
</tbody>
</table>

Undergraduate Students (PHC4930)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Due date</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Assignments = 4 @ 50 points</td>
<td>See Course Schedule</td>
<td>200</td>
</tr>
<tr>
<td>Discussion posts = 150 points total</td>
<td>See Course Schedule</td>
<td>150</td>
</tr>
</tbody>
</table>
Current Event Presentation = 1 @ 100 points
See Course Schedule 100

Midterm Exam = 1 @ 200 points
See Course Schedule 200

Final Exam = 1 @ 200 points
See Course Schedule 200

TOTAL 850

Point system used (i.e., how do course points translate into letter grades).

<table>
<thead>
<tr>
<th>Points earned</th>
<th>93-100%</th>
<th>90-92%</th>
<th>87-89%</th>
<th>83-86%</th>
<th>80-82%</th>
<th>77-79%</th>
<th>73-76%</th>
<th>70-72%</th>
<th>67-69%</th>
<th>63-66%</th>
<th>60-62%</th>
<th>Below 62%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter Grade</td>
<td>A</td>
<td>A-</td>
<td>B+</td>
<td>B</td>
<td>B-</td>
<td>C+</td>
<td>C</td>
<td>C-</td>
<td>D+</td>
<td>D</td>
<td>D-</td>
<td>E</td>
</tr>
</tbody>
</table>

Passing grades and Grade Points: Credit Earned

<table>
<thead>
<tr>
<th>Passing Grade</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D+</th>
<th>D</th>
<th>D-</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Points</td>
<td>4.0</td>
<td>3.67</td>
<td>3.33</td>
<td>3.0</td>
<td>2.67</td>
<td>2.33</td>
<td>2.0</td>
<td>1.67</td>
<td>1.33</td>
<td>1.0</td>
<td>0.67</td>
<td>0</td>
</tr>
</tbody>
</table>

Please be aware that letter grades of C-, D+, D, D- or E are not considered passing at the graduate level, although the grade points associated with these letter grades are included in grade point average calculations. In addition, a grade of C counts toward a graduate degree only if an equal number of credits in courses numbered 5000 or higher have been earned with an A.

For greater detail on the meaning of letter grades and university policies related to them, see the Registrar’s Grade Policy regulations at:
http://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Late Assignments and Make Up Work
Assignments turned in up to 24 hours late will be discounted 10% of the grade that they would otherwise receive. Assignments turned in more than 24 hours late will not be graded and will contribute zero points toward your final grade, unless arrangements have been made in advance with the instructor. Missed assignments will contribute zero points toward your final grade.

Special Circumstances. In the event of exceptional situations that may interfere with your ability to perform an assignment or meet a deadline, contact the instructor as soon in advance of the deadline as possible. Such special cases will be dealt on an individual basis, provided that you have sufficient documentation.
Please note: Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail me within 24 hours of the technical difficulty if you wish to request a make-up.

Policy Related to Required Class Attendance
All faculty are bound by the UF policy for excused absences. For information regarding the UF Attendance Policy see the Registrar website for additional details: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

STUDENT EXPECTATIONS, ROLES, AND OPPORTUNITIES FOR INPUT

Expectations Regarding Course Behavior
You are expected to maintain a civil tone and respect the opinions of other posters. While commenting on others’ posts is encouraged, aggressive or patronizing tone and language are unacceptable and may result in the loss of your posting and discussion privileges.

Communication Guidelines
You are required to contact the professor by email using the “Inbox” in Canvas for clarification and assistance with the course material and the assignments, and for special issues that may arise. Weekday daytime (US Eastern Time) emails have the best chances of being answered quickly. Please only use the Canvas “Inbox” to communicate with the course instructor and/or TA. While the instructors and TAs will check their UFL email regularly, they will not be held responsible for email sent directly to their UFL addresses.

Academic Integrity
Students are expected to act in accordance with the University of Florida policy on academic integrity. As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge:

“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied:

“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For additional information regarding Academic Integrity, please see Student Conduct and Honor Code or the Graduate Student Website for additional details:
https://www.dso.ufl.edu/sscr/process/student-conduct-honor-code/
http://gradschool.ufl.edu/students/introduction.html

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior. Plagiarism is especially damaging in an online learning environment and will be dealt with in an official way, according to University of Florida regulations. Incidents will be reported directly to the Office of Student Judicial Affairs and a formal procedure will be started in each and every case. There will be no informal incident resolution between student and instructor. Should you have any doubts on whether something constitutes plagiarism, please consult the many available resources on the topic, e.g. starting with http://web.uflib.ufl.edu/msl/subjects/Physics/StudentPlagiarism.html, or contact the instructor in advance. There is also a reference posted in the course site, in the Course Help link. As you submit assignments, you will have the opportunity to check it for unintentional plagiarism using Turnitin®, the same software that instructors will use to check your work. You are encouraged to take advantage of this option. If you turn in assignments that are plagiarized, you will receive zero points for that assignment.

You are expected to turn in original work in this course. This means that when answering assignment questions, writing papers, posting discussions, etc you will be expected to write your responses in your own words. You MAY NOT copy answers word for word from any course materials or outside sources. On occasion it may be useful to provide a quote from course materials or outside sources in which case you must properly cite the source and place the quote in quotation marks. That being said we urge you to avoid excessive quotation as it does little to demonstrate your understanding of course material.

Online Faculty Course Evaluation Process
Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

SUPPORT SERVICES

Accommodations for Students with Disabilities
If you require classroom accommodation because of a disability, you must register with the Dean of Students Office http://www.dso.ufl.edu within the first week of class. The Dean of Students Office will provide documentation of accommodations to you, which you then give to me as the instructor of the course to receive accommodations. Please make sure you provide this letter to me by the end of the second week of the course. The College is committed to providing reasonable accommodations to assist students in their coursework.

Counseling and Student Health
Students sometimes experience stress from academic expectations and/or personal and interpersonal issues that may interfere with their academic performance. If you find yourself facing issues that have the potential to or are already negatively affecting your coursework, you are encouraged to talk with an instructor and/or seek help through University resources available to you.

- The Counseling and Wellness Center 352-392-1575 offers a variety of support services such as psychological assessment and intervention and assistance for math and test anxiety. Visit their web site for more information: http://www.counseling.ufl.edu. On line and in person assistance is available.
- You Matter We Care website: http://www.umatter.ufl.edu/. If you are feeling overwhelmed or stressed, you can reach out for help through the You Matter We Care website, which is staffed by Dean of Students and Counseling Center personnel.
- The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the web site at: https://shcc.ufl.edu/
- Crisis intervention is always available 24/7 from: Alachua County Crisis Center (352) 264-6789 http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx
# Topical Outline/Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Required Reading</th>
<th>Grad Student Presentations</th>
<th>Undergrad Presentations</th>
<th>Assignments Due</th>
<th>Discussions Format</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Section I</strong></td>
<td><strong>Introduction to Toxicology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 1</td>
<td>Introduction and history of toxicology</td>
<td>Chapter 1</td>
<td>None</td>
<td>None</td>
<td>Syllabus Quiz</td>
<td>None</td>
</tr>
<tr>
<td>8/28</td>
<td>What makes a chemical toxic?</td>
<td>Chapters 2, 3, &amp; 4</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td><strong>Section II</strong></td>
<td><strong>Environmental Fate of Chemicals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 3</td>
<td>Environmental fate of chemicals in water</td>
<td>Chapter 5</td>
<td>Grad Group 1</td>
<td>None</td>
<td>Assignment 1</td>
<td>In Class</td>
</tr>
<tr>
<td>9/11</td>
<td>Environmental fate of chemicals in soil/sediment</td>
<td>None</td>
<td>None</td>
<td>Undergrad Group 1</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Week 5</td>
<td>Environmental fate of chemicals in air</td>
<td>None</td>
<td>Grad Group 2</td>
<td>None</td>
<td>None</td>
<td>Online</td>
</tr>
<tr>
<td>9/25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section III</strong></td>
<td><strong>Exposure to Toxicants</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 6</td>
<td>Understanding the relationships between exposure and toxicity</td>
<td>Chapter 6</td>
<td>None</td>
<td>Undergrad Group 2</td>
<td>Assignment 2</td>
<td>None</td>
</tr>
<tr>
<td>10/2</td>
<td>Exposure dynamics</td>
<td>Chapters 8 &amp; 9</td>
<td>Grad Group 3</td>
<td>None</td>
<td>None</td>
<td>In Class</td>
</tr>
<tr>
<td>Week 7</td>
<td>Organ specific toxicity</td>
<td>Chapters 12-18</td>
<td>Grad Group 4</td>
<td>None</td>
<td>None</td>
<td>In Class</td>
</tr>
<tr>
<td>10/9</td>
<td>Mid-term Exam</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>10/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section IV</strong></td>
<td><strong>Applications for Public Health</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 10</td>
<td>The role of toxicologists in public health</td>
<td>Chapters 19 &amp; 23</td>
<td>Grad Group 5</td>
<td>None</td>
<td>Assignment 3</td>
<td>Online</td>
</tr>
<tr>
<td>10/30</td>
<td>Laws and regulations governing toxicants</td>
<td>Chapters 20 &amp; 22</td>
<td>None</td>
<td>Undergrad Group 3</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Week 11</td>
<td>Toxicity testing techniques</td>
<td>Chapter 21</td>
<td>Grad Group 6</td>
<td>None</td>
<td>None</td>
<td>In Class</td>
</tr>
<tr>
<td>11/6</td>
<td>Epidemiological approaches to toxicants</td>
<td>None</td>
<td>Grad Group 7</td>
<td>None</td>
<td>None</td>
<td>In Class</td>
</tr>
<tr>
<td>Week 12</td>
<td>Informed Decision Making and Public Safety</td>
<td>Chapters 24 &amp; 25</td>
<td>Grad Group 8</td>
<td>Undergrad Group 4</td>
<td>Assignment 4</td>
<td>In Class</td>
</tr>
<tr>
<td>11/13</td>
<td>Thanksgiving: No lecture</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>11/27</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Week 16</strong></td>
<td>Final Exam</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>12/11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Grading and due dates are not specified in the schedule provided.