COURSE SYLLABUS – BIOLOGY 119
ENVIRONMENTAL BIOLOGY WITH LABORATORY

Professor: Dr. Oliver Pergams  
Semester/Year: SPRING 2016
SI Leader (Tutor): Mr. Gregory Buckner  
Course/Section: 119 FJ/FJX
Phone: 773.291.6502  
Classroom: Room 3426
Length of Course: 16 weeks  
Credit Hours: 4
E-mail: opergams@ccc.edu  
Class Hours: MW 11:15-1:45 PM
Dr. Pergams’ Research Web Page: www.pergams.com  
Office: Room 3426
CCC Wetland Web Page: www.cccwetland.org  
Office Hours TR 11:00 AM-3:00PM

PREREQUISITES: Eligibility for English 101, or grade of C or better in English 100, or Consent of Department Chairperson.

CATALOG DESCRIPTION: This general education laboratory course is geared for both environmental science majors as well as non-science majors. The environment and impacts on natural resources, pollution, and ecosystems are emphasized. Writing assignments, as appropriate to the discipline, are part of the course. 2 lecture and 4 lab hours per week. 4 credit hours. This course is equivalent to the Illinois Articulation Initiatives General Education generic course numbered L1905L.


ONLINE HOMEWORK: You will register at Cengage CourseMate using the individual code in the Access Card in your bundle, as well as the class code provided in the directions included later in this syllabus.

LAB MANUAL: Labs will be provide to you in class.
COMPUTER REQUIREMENT: Most homework for this class will be done online! You must use a computer with a fast internet connection. There are many such computers available at OHC, or you may choose to go elsewhere.

GENERAL STUDENT LEARNING OUTCOMES: The overall goal of this course is to help you understand our environment. To do this we discuss biodiversity, evolution, and impacts on natural resources, pollution, and ecosystems. You will develop critical thinking and problem-solving skills, and become comfortable with basic experimental techniques. You will demonstrate the ability to make connections between concepts across environmental science.

METHODS OF EVALUATION: Weekly quizzes, book reports, and laboratory assignments. See below for explanations.

CLASS STRUCTURE: This class will be a little unusual, and will continue an experiment I started last semester (Fall 2015). One day each week will be devoted to the text chapter, the other day each week to lab. There will be no PowerPoint lectures, or indeed any kind of lecture. Instead we will take turns reading each chapter aloud in class. I will elaborate and explain concepts as needed using videos, props, other readings, etc.

You will then be assigned online homework, due ½ hour before the start of the next class. This questions in this homework repeat until you get them right and are untimed, so everyone should get 100% on this. They are labelled Post-Test under Interactive Quizzes, but they are homework and not quizzes or tests. To study for the real quiz the next class day, you should also study the flashcards, read the chapter summaries, reread the chapter, and practice the sample quiz provided online.

At the beginning of the next class (and before lab) you will be given a weekly chapter quiz. This quiz will not be T/F or multiple choice, but rather it will be write-in the correct answer. There will be 20 questions in each chapter quiz.

You also have two extra books, from which each of you will be assigned one chapter to read and write a report. You will also prepare and give a 5-minute PowerPoint presentation on each of the two chapters.

YOUR GRADE WILL BE BASED UPON THE FOLLOWING:

- 14 chapter quizzes, 100 points each, 54% of your grade.
- 14 CourseSmart online homework assignments (Post-Tests). You must do these online by ½ hour before the start of class, or you will not get any credit. 30 points each, 16% of your grade.
• 4-6 labs. Each must be filled out & handed in the next class day after the lab is finished. 50-75 points each, about 11% of your grade.

• 2 book chapter reports and PowerPoint presentations. 100 points each, 8% of your grade.

• Attendance. 10 point/class mandatory, not extra credit. You must be no more than 10 minutes late and stay for the whole class to get credit. 11% of your grade.

MAKEUPS: I WILL DROP ALL OF THE FOLLOWING FROM YOUR GRADE CALCULATIONS:

- 1 LOWEST QUIZ
- 1 LOWEST LAB
- 4 DAYS OF MISSING ATTENDANCE POINTS

AS A RESULT, THERE WILL BE NO MAKEUPS OF ANY HOMEWORK, LABS, QUIZZES, OR ATTENDANCE FOR ANY REASON.

WITHDRAW POLICY: It is the student’s responsibility to officially withdraw from class before the deadline. Please check with Registrar’s Office for dates. The withdrawal deadline for SPRING 2016 is Monday, APRIL 18. A student who desires to withdraw either from the course or from the college must contact the Registrar’s Office. Students who find that they cannot maintain regular attendance or cannot complete one or more courses in which they are enrolled must withdraw in person or by writing (not by telephone) to the Registrar’s Office.

INADEQUATE PROGRESS: Students who have a total current grade of < 30% at mid-term will be mathematically unable to finish the course with a “c” or better. Such students will be given an administrative withdrawal (ADW). This is for your benefit: in such a case you should reallocate your efforts to other courses. Also, there is no reason to have a d or f on your transcript unnecessarily.

EXTRA CREDIT: There will be 1 extra credit opportunity, a restoration workday on Saturday April 9 at the CCC Wetland (www.cccwetland.org) from 9-noon. More details TBA.

CLASSROOM CONDUCT: 1. For your safety, food and drink items (except water bottles) are NOT allowed in the classroom/lab.

2. Please be on time for class so that you do not miss important information.
3. Please SILENCE all cell phones before entering the classroom and please do not surf or text.

4. You may not use headphones during class.

5. You may not use your laptop during class, other than for the purpose of taking notes.

6. Respect your instructors and fellow students during class.

7. Adhere to all laboratory safety rules.

8. Read the relevant lab exercise chapters prior to coming to class to be prepared for the lab and to be aware of potential safety hazards.

9. Use provided gloves, aprons, and/or goggles when advised to do so. Wash your hands prior to leaving the lab.

**SPECIAL SERVICES:**

Students with documented special needs are encouraged to seek these services in Room 1401 or call (773) 291-6345.

**TIPS FOR SUCCESS:**

1. Arrive at class on time and every day, so you don’t miss anything!

2. Ask questions – there are no silly questions, so don’t hesitate to ask.

3. Keep up with the reading and homework. If you can, read ahead. Do things in manageable portions – this will give you time to absorb the information and build your confidence.

4. Go to tutoring with Mr. Buckner! We are lucky enough to have a tutor of his caliber.

5. Also, please consider forming study groups. These should have 2-4 people and meet at least once weekly for at least 2 hours.

6. Use all of the self-study materials online.

7. See me during office hours for additional help. If you can’t make office hours, talk to me and we’ll schedule something.

**GRADING SCALE:**

90-100% = A  
80-89% = B  
70-79% = C  
60-69% = D  
< 60% = F
Welcome to CourseMate’s Student User Guide! This guide will help you get started with CourseMate by providing in depth, step-by-step instructions, created specifically for the student user.

Contents

Benefits of Using CourseMate ................................................................. 2
Where to Buy ....................................................................................... 2
First Time Login .................................................................................. 2
Returning Users .................................................................................. 2
Adding an Access Code and Course Key ............................................ 3
Walkthrough ....................................................................................... 4
Benefits of Using CourseMate

CourseMate brings course concepts to life with interactive learning, study, and exam preparation tools that support the printed textbook. Learning tools include quizzes, flashcards, videos, and more. You can take notes, highlight, search and interact with embedded media specific to their book.

Where to Buy

CengageBrain.com : Choose the format and price options that work best for you. CengageBrain.com offers Textbook and Bundle Rentals, eTextbooks, individual eChapters and even free study tools.


CENGAGEbrain
Buy or *rent* the way you want and save

First Time Login

To get started, navigate to: www.cengagebrain.com. If this is your first time using a Cengage Learning Product, you will need to create a new account.

Register as a New User

➢ Select “Sign Up” in the top right corner of your window.
➢ Fill in all fields that have a red asterisk (*) and click “Sign Up”.
➢ Once completed, you can then click on the “Homepage” link to be taken directly into your new CengageBrain account.

Returning Users

If you are a returning user, open your browser and go to [http://cengagebrain.com](http://cengagebrain.com) and click on “Login”. Your username will be the email address you used to create your CengageBrain account.) If you forget you password at any time, use the Password link to retrieve your password.
Adding an Access Code and Course Key

To add your Access Code, enter the Access Code into the Registration field. Make sure to enter the code exactly as you see it. This is found on the card included in your bundle.

When your screen refreshes, you will see under “My Courses and Materials” you Cengage Course and an Open button. Click on the Open button next to your course title. The first time you take this step you will need to enter your Course Key.

➤ You will add a Course Key that will be given to you by your instructor so that you can join his or her class. You only need to enter your Course Key one time. CM-9781285861074-0000032
Walkthrough

The resources available with CourseMate vary, based on the needs of the discipline and your book’s features and pedagogy. All CourseMate products have an eBook, interactive quizzing, and a presentation resource. Many have flashcards, a glossary, and videos. Let’s walkthrough some of the resources that may be available with your CourseMate.

Access your CourseMate Study and Test Prep Resources!

- A full version of the interactive eBook is available, including search, highlights, and note-taking
- Flashcards help you understand key terms and definitions
- Videos and presentations bring important concepts to life
- Interactive quizzes help you prepare for tests and check your understanding, with immediate feedback
- And more!

Interactive Quizzing

Quizzes provide students with feedback. For incorrect answers, students can click on the magnifying glass icon to see the correct response.

In addition to seeing the correct answer and a brief explanation, students can link directly to the section of the eBook where the topic is discussed.
Flashcards

Flashcards help students review important terms. The flip side of the card has definitions of the terms.

Glossary

You have easy access to a glossary of terms introduced in your textbook.

Videos

Videos engage students and allow them to connect course concepts with real-world applications.

Product Support

<table>
<thead>
<tr>
<th>Questions with your CengageBrain account?</th>
<th>Questions regarding CourseMate?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Check the FAQs in the Support area of your CengageBrain home.</td>
<td>• Go to <a href="http://www.cengage.com/support">www.cengage.com/support</a> for 24/7 live chat!</td>
</tr>
<tr>
<td>• Write to <a href="mailto:cengagebrain.support@cengage.com">cengagebrain.support@cengage.com</a></td>
<td>• Call 800.354.9706 Mon. through Thurs. 8:30 AM to 9 PM EST and Fri. 8:30 AM to 6 PM EST</td>
</tr>
<tr>
<td>• Call 866.994.2427 Mon. through Fri. from 8 AM to 6 PM EST</td>
<td></td>
</tr>
<tr>
<td>CLASS#</td>
<td>DATE</td>
</tr>
<tr>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>1</td>
<td>1/18</td>
</tr>
<tr>
<td>2</td>
<td>1/20</td>
</tr>
<tr>
<td>3</td>
<td>1/27</td>
</tr>
<tr>
<td>4</td>
<td>2/1</td>
</tr>
<tr>
<td>5</td>
<td>2/3</td>
</tr>
<tr>
<td>6</td>
<td>2/8</td>
</tr>
<tr>
<td>2/10</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>2/15</td>
</tr>
<tr>
<td>8</td>
<td>2/17</td>
</tr>
<tr>
<td>9</td>
<td>2/24</td>
</tr>
<tr>
<td>10</td>
<td>2/29</td>
</tr>
<tr>
<td>11</td>
<td>3/2</td>
</tr>
<tr>
<td>12</td>
<td>3/7</td>
</tr>
<tr>
<td>13</td>
<td>3/9</td>
</tr>
<tr>
<td>14</td>
<td>3/14</td>
</tr>
<tr>
<td>15</td>
<td>3/16</td>
</tr>
<tr>
<td>16</td>
<td>3/17</td>
</tr>
<tr>
<td>17</td>
<td>3/21</td>
</tr>
<tr>
<td>18</td>
<td>3/23</td>
</tr>
<tr>
<td>19</td>
<td>3/28</td>
</tr>
<tr>
<td>20</td>
<td>3/30</td>
</tr>
<tr>
<td>21</td>
<td>4/4</td>
</tr>
<tr>
<td>22</td>
<td>4/6</td>
</tr>
<tr>
<td>23</td>
<td>4/9</td>
</tr>
<tr>
<td>24</td>
<td>4/11</td>
</tr>
<tr>
<td>25</td>
<td>4/20</td>
</tr>
<tr>
<td>26</td>
<td>5/2</td>
</tr>
<tr>
<td>27</td>
<td>5/4</td>
</tr>
<tr>
<td>28</td>
<td>5/9</td>
</tr>
<tr>
<td>29</td>
<td>5/11</td>
</tr>
<tr>
<td>TOTAL PTS</td>
<td>290</td>
</tr>
<tr>
<td>GRAND TOT PTS</td>
<td>2585, 50XC</td>
</tr>
</tbody>
</table>

*Note: This is a tentative schedule and is subject to change at the discretion of Dr. Pergams. The number of labs especially may be reduced.*
COURSE SYLLABUS AGREEMENT
BIOLOGY 119 FJ/FJX
SPRING 2016

I, ___________________ (your name printed clearly), have read and fully understand the course syllabus and lab safety guidelines for Biology 119 presented to me on ______________(date) by my instructor. As a student in this course I agree to comply with these guidelines.

_________________________ (your signature).

STUDENT INFORMATION:

Biology 119 FJ/FJX

Student ID number 00___________________________________________________

Email address__________________________________________________________

Phone #_______________________________________________________________

Major or Program of Study________________________________________________

Professional/Career Goals________________________________________________

Past Biology Courses Taken (include both high school and college level courses):

________________________________________________________________________

What is something (biology or health-related) that you’ve heard about in the news or elsewhere and you would like to learn more about in this class?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

PLEASE FILL OUT AND RETURN TO DR. PERGAMS. THANK YOU!