



## **COURSE SYLLABUS**

Please read the following course syllabus carefully, especially the course dates, times and location. If you have any questions, please do not hesitate to communicate with the IDEAL Program office, your academic advisor, or the instructor.

The IDEAL degree-completion program is designed with the adult learner in mind. Adult learners approach learning with specific goals, want to be able to directly apply new learning to their work and personal lives, and tend to learn best when the coursework is problem-centered so that they are actively engaged in the learning process. In addition, adults bring rich and varied experience to the classroom, which becomes a valuable learning resource for other students.

The IDEAL Program assumes joint responsibility in the learning process. The activities and assignments in the courses build on the shared experience of all learners in each class. This is why each student's preparation, participation and interaction in class activities and discussions are critical to the success of each course. The accelerated format of each course requires a significant amount your time outside the classroom to prepare for and complete the course assignments. This varies between students and courses; however, students typically spend nine-twelve hours per week on course material.

To participate in the IDEAL Program, it is expected that you will do the following:

1. Attend every class session. Be on time.
2. Obtain the required course materials prior to the first class session.
3. Complete the first assignment prior to the first class session and all subsequent assignments to the best of your ability.
4. Participate in the class discussions and demonstrate respect and consideration to the instructor and other students when they express themselves in discussion.

If you cannot perform these four expectations, it is recommended that you drop the course. We look forward to your academic success in each course and the ultimate completion of your degree.

## **Course: SCI C102 : Humans and the Environment**

**Days:** Wednesdays, May 14 – July 2, 2014

**Time:** 6:00pm to 9:00pm

**Campus:** Stamford

**Instructor:** Stephanie Porcelli

**Office hours:** By appointment only. All requests for appointments can be made in person or by email at [sporcell@bridgeport.edu](mailto:sporcell@bridgeport.edu)

**Textbook:** “*Human Biology*” by Mader. ISBN 978-0-07-352548-8 13<sup>th</sup> edition. McGraw-Hill Publishers.

Older editions may be used.

Textbooks are required prior to the first day of class so should be ordered or purchased in advance as there will be an assignment given due the first day of class.

### **Course Description:**

This course is designed to expose students to the fundamental principles of biology with a focus on human biology. We will begin with the basic building blocks of life and follow the levels of biological organization up to the organism level. We will study the mechanisms of key organ systems and how their malfunctions can lead to disease.

### **Learning Outcomes**

At the end of the semester the student should be able to:

1. Demonstrate a sound understanding of the Scientific Method
2. Describe the basic chemistry of life and the structure and function of the cell
3. Understand the levels of organization of the human body
4. Understand the structure and function of key organ systems
5. Explain how proper care can prevent major malfunctions of these organ systems.
6. Gain an appreciation of life and its complexity.

### **Evaluation**

40%	7 Quizzes
20%	1 research paper with presentation
10%	2 case studies
10%	3 homework posts
10%	1 debate
10%	class participation

Reading must be completed before each class in order to provide the background needed for the lecture and discussions. Students must bring their textbooks to the first class and it is suggested for all the following classes for easy reference and use of illustrations.

**Research Paper:**

This will be set up as a full semester workshop with small assignments due each week. Students will work in small groups. Your group will provide advice and support as you develop your paper. It will also allow the students of the group to expand their own knowledge of each others topics. The goal of this project is to allow the student to focus more deeply on a topic of biology that interests them. It will allow the sharing of ideas and the development of a valid scientific paper. It should provide the student with the confidence to tackle scientific issues, to develop opinions on those issues, and to defend those opinions with their peers.

Your paper should be approximately 1000 words. It should have the format of an article that you would find in the Science section of the newspaper. A detailed explanation of this will be provided in class.

**Quizzes:** After class a quiz on the material covered in class will be posted online and must be completed before class the next week. This is an open book quiz and must be completed by each student independently.

**Case studies:** These are group projects that can be coordinated in class and worked on at home. Each group will present their work in class. They will allow the students to creatively express and share what they have learned in class.

**Homework posts:**

These will be questions or issues discussed in class that can be explored further. They will be posted online (Canvas) for the class to read and comment on.

**Debate:** An issue will be presented and the class will divide into a pro and con side. Each group will obtain arguments to support their side and will be asked to defend their position against the opposing side.

**Class participation:** Attendance is mandatory. Every student will be expected to participate in the discussions and present their work and opinions throughout the course. More student participation will make the class more lively and interesting.

**Late or missing assignments:**

All assignments are due by the following class. 10 points will be deducted for each day it is late. Any missing assignments will be considered a zero and will be averaged into your final grade

**First Assignment:**

To be handed in on the first class meeting.

Read Chapter 1

Write a 500 word essay on the need for the general population to have a basic understanding of science and its relationship to society. Be prepared for a discussion on bioethics and the social responsibility of the scientific community

## **Class Schedule**

**Summer 2014**

### **Session 1**

May 7<sup>th</sup>

Topics: Exploring Life and Science  
Chapter 1  
Sections 1.1, 1.3, 1.5

Topic: The Chemistry of Life  
Chapter 2  
Sections 2.1-7

### **Session 2**

May 14<sup>th</sup>

Topics: Cell structure  
Chapter 3  
Sections 3.1-6

Topic: Organization of Body Systems  
Chapter 4  
Sections 4.1-6

### **Session 3**

May 21<sup>nd</sup>

Topic: Digestive System  
Chapter 8  
Sections 8.1-5

Topic: Cardiovascular System  
Chapter 5  
Sections 5.1-3, 5.7

### **Session 4**

May 28<sup>th</sup>

Topic: Immune System  
Chapter 7  
Sections 7.1-5

Topic: Infectious Diseases  
Supplement p153

**Session 5**June 4<sup>th</sup>

Topic: Nervous System

Chapter 13

Sections 13.1-5

Topic: Endocrine System

Chapter 15

Sections 15.1-2, 15.7

**Session 6**June 11<sup>th</sup>

Topic: Reproduction

Chapter 16

Sections 16.1-5

Topic: Development

Chapter 17

Sections 17.1-4

**Session 7**June 18<sup>th</sup>

Topic: Chromosomes and Inheritance

Chapter 18

Sections 18.1-6

Topic: Cancer

Sections 19.1-4

**Session 8**June 25<sup>th</sup>

Presentations and Discussions

**Letter Grading Scale:**

<b>% of Points Earned</b>	<b>Letter Grade</b>	<b>% of Points Earned</b>	<b>Letter Grade</b>
100-94	A	76-74	C
93-90	A-	73-70	C-
89-87	B+	69-67	D+
86-84	B	66-64	D
83-80	B-	63-60	D-
79-77	C+	Below 60	F

## **ACADEMIC POLICIES**

### **Attendance Policy**

Classroom attendance is an integral part of the academic experience; therefore, students are expected to attend all class sessions. If an absence is unavoidable, the student, prior to class, should communicate with the instructor.

Arrangements should be made at that time for submission of any missed assignments. It is also expected that students arrive on time and not leave until the class is dismissed. Tardiness will result in a reduced grade for the course. If you cannot attend every class session you should consider dropping the course.

### **IMPORTANT:**

- Missing one class session will drop the final grade by one letter grade (for example if a student earns a grade of “B” in the course, the final grade would be a “C”).
- Missing two or more class sessions will be cause for a failing grade.
- Note: For 15-week courses; missing two class sessions will result in a letter grade drop and three or more will cause a failing grade.

### **Drop Procedures**

To drop a course, you must complete and submit a Schedule Change Request Form. The form can be accessed at the IDEAL Course Schedule webpage: <http://www.bridgeport.edu/academics/continuinged/ideal-academic-degree-programs-and-certificates/ideal-course-schedule/>.

Please print and complete the form and fax the form to the IDEAL Office: 203-576-4537. Prior to dropping a course, the student should contact their IDEAL Academic Advisor to understand the implications to financial aid and/or degree plan progress.

Please review the drop fees and tuition refunds at the Academic Calendar; accessed at the IDEAL Course Schedule webpage (same link above).

### **Cell Phones**

Cell phones must be turned off (or placed on “vibrate”) while in the classroom. A cell phone call is disruptive and disrespectful to the other students in the class.

### **Academic Dishonesty**

The IDEAL program prohibits all forms of academic dishonesty. Academic dishonesty is normally defined as, but not limited to, the following two categories:

Cheating – Using inappropriate sources of information in an assignment or on a test. The following are examples of cheating taken from real student experiences:

Case #1: A student is enrolled in an introductory psychology course. He has co-workers who have taken the same course. As the end of the course approaches, he wonders how he will find the time to get the research paper finished, and asks one of his co-workers for help. His co-worker hands him a research paper that he submitted in a similar course. The student makes minor modifications to the paper, and submits it under his own name.

Case #2: A student enrolled in a humanities course is unsure about how to structure an essay. She is doing research on the World Wide Web, and comes across an essay written by a student from another university. Using her computer mouse, she copies and pastes the essay into her word processor. She goes to great lengths to re-word the paper in her own style, but essentially leaves the content and organization the same.

Plagiarism – Intentional as well as unintentional failure to acknowledge sources as well as the use of commercially available so-called “research papers” without full recognition of the source. Presenting as one’s own, the ideas, words, or products of another. The following are examples of plagiarism taken from real student experiences:

Case #3: A student is conducting research for a Civil War research paper. He has reviewed work on the Internet. Finding helpful information, he has summarized his findings without citing his sources. He believes that minor paraphrasing is all that is necessary.

Case #4: A student is writing a paper that requires her to address specific topics and problems in the assigned course textbook. She takes the information directly from the textbook with slight modification, without giving any citation. She thinks that since it is the course textbook, she doesn’t have to use quotations or citations.

Academic dishonesty applies to all courses, assignments or exams completed by students and submitted as their own original work, whether in person or by electronic means. The University does not tolerate cheating in any form. It is a serious breach of conduct with serious consequences. Instructors have the right to determine the appropriate penalty for academic dishonesty in their own courses; generally, however, such acts will result in a failing grade for the assignment and/or the course. The penalty for subsequent acts of academic dishonesty may include expulsion.

More information on how to recognize plagiarism can be found at this site:  
[http://www.indiana.edu/~istd/plagiarism\\_test.html](http://www.indiana.edu/~istd/plagiarism_test.html)

### **Ethics Statement of Confidentiality**

An integral component of an IDEAL course is student and faculty expression of personal experiences for the purpose of facilitating coursework. Students enrolled in the program are expected to honor confidentiality as it pertains to student disclosure. Shared information, comments, or opinions expressed by another student or the faculty member during the course of classroom discussion should never be used in a manner which is intended to humiliate, embarrass, harass, damage, or otherwise injure other students in their personal, public, or business lives. In addition, confidentiality must be upheld by not disclosing any information that would identify any particular individual.

### **ACADEMIC RESOURCE CENTER**

The Academic Resource Center is available for IDEAL students seeking help in their studies. The Center is staffed by writing professionals and peer tutors. More information can be found at: <http://www.bridgeport.edu/pages/2209.asp> The Center is located on the 5<sup>th</sup> Floor of the Wahlstrom Library. Make an appointment or walk-in: Telephone: 203-576-4290. **Online Tutoring** is available at: [www.etutoring.org](http://www.etutoring.org). To use this free service you must have a UBNet account.

### **Obtaining a UBNet Account**

Every registered student should obtain a UBNet Account. The account allows you to access MyUB; the portal for grades, library services, Canvas online learning system. Also, the account allows you access to computers in the Library and computer labs, and provides an email account in which the University sends out information. Go to: <http://www.bridgeport.edu/ubnet> - Click on "New UBNet Account" and follow the instructions.

The @bridgeport.edu email address is the official email the University uses to send information to you. You can have your bridgeport.edu email forwarded to any other private email account you use. Following the activation of your UBNet account (takes 24 hours), login at: <http://www.bridgeport.edu/email> and click on "forwards" at the top of the page. Follow the directions to forward email messages to your other account.

### **Learning Management System (LMS) - Canvas**

For all courses that use Canvas, you can access Canvas through the portal by using the myUB link. Faculty post class documents on Canvas e.g. syllabus, power points, discussion questions, case studies, current event articles, papers, reports etc. (save some trees). All students have access, and can download and copy the documents.

#### **Canvas Tutorial For Students:**

<https://bridgeport.instructure.com/courses/985903>

**For assistance** contact the UB Help Desk at 203-576-4606 or email [helpdesk@bridgeport.edu](mailto:helpdesk@bridgeport.edu) <https://bridgeport.instructure.com/courses/829447/>

## Accessing Your Grades & Schedule Online

The WebAdvisor online information system allows students to search for available classes, check grades, view semester class schedule and verify your personal profile. Grades are generally posted 2-3 weeks following the end of a course. To access WebAdvisor, login in to MyUB and follow the WebAdvisor menu on the right. If you are carrying a financial balance, access to WebAdvisor will be restricted.

## Using the Library

Access to the Digital Library is through MyUB. On the MyUB home, in the central column, click on “myEureka Digital Library.” Research tools available:

- Search for books held at the library.
- Search the online databases for your academic field; business, counseling, human services, psychology, etc.
- Send questions to the Reference Librarian for assistance in research topics and searching strategy.

## Using Computers

Open access computer labs are available at three locations:

- Bridgeport – 1<sup>st</sup> floor of the Wahlstrom library. Check library hours of operation at:  
<http://www.bridgeport.edu/library>.
- Stamford – Room D; Check open hours at:  
<http://www.bridgeport.edu/stamford>
- Waterbury – Computer Lab; Check open hours at:  
<http://www.bridgeport.edu/waterbury>

## Course Cancellations

Any emergency necessitating the canceling of courses will be announced by the University through the Emergency Notification Telephone Line, (203) 576-4159. Please call this number for information on course cancellations. Also, information will be posted under “Latest News” on the UB home page, ([www.bridgeport.edu](http://www.bridgeport.edu)). Canceled classes will be made up either the week following the end of the course or in consultation between the instructor and the students as to day and time availability. Course cancellations are also announced on television and radio stations.

## IMPORTANT CONTACT INFORMATION

Office	Telephone	Email
Bridgeport Campus Security	(203) 576-4911	ubsecurity@bridgeport.edu
Bursar	(203) 576-4692	bursar@bridgeport.edu
Cashier	(203) 576-4682	cashier@bridgeport.edu
Financial Aid	(203) 576-4568	sfs@bridgeport.edu
Registrar	(203) 576-4635	registrar@bridgeport.edu
Emergency Notification Phone	(203) 576-4159	
IDEAL Office	(203) 576-4800	idealinfo@bridgeport.edu

## CAMPUS CONTACT INFORMATION

Campus	Address	Telephone	Email
Bridgeport	126 Park Avenue Bridgeport, CT 06604	(203) 576-4800	idealinfo@bridgeport.edu
Stamford	5 Riverbend Drive Stamford, CT 06750	(203) 358-0700	ubstamford@bridgeport.edu
Waterbury	84 Progress Lane Waterbury, CT 06705	(203) 573-8501	ubwaterbury@bridgeport.edu

Directions to IDEAL Campus locations	<a href="http://www.bridgeport.edu/pages/2260.asp">http://www.bridgeport.edu/pages/2260.asp</a>
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To fill out your financial aid report to the Federal Government, please go online to [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The school code for the University of Bridgeport is **001416**.

Federal Student Aid Information: 1-800-433-3243