

**Kingsborough Community College of The City University of New York**  
**Biology Department**  
**718-368-5502**

**Course Syllabus – Biology 28: The Biology of Women**  
**(3 credits, 3 hours)**  
**Spring 2018**

**Course Information:**

Biology 28: The Biology of Women  
M, W, Th 12:40 -1:40pm

Dr. Carla Beeber

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**Course Pre-requisites:** None.

**Course Description:**

Major normal anatomical and physiological processes unique to the human female are considered, as well as a focus on recent research about women's biology, female health issues and related illnesses. Discussion of myths and gender stereotypes about women's biology and their influence on female/male behaviors.

This course does not satisfy the Biology major elective requirement.  
Flexible Core: Scientific World (Group E)

**Student Learning Objectives/Outcomes:**

1. Dispel myths about women and their health
2. Read popular press and identify misinformation, bias, prejudice and gender based stereotypes.
3. Examine traditional concepts about women's bodies in light of the latest research.
4. Demonstrate knowledge of the latest research in contraceptives and their use.
5. Demonstrate awareness of sexually transmitted diseases and the unique problems that affect women with these diseases.

6. Differentiate women and men with regard to brain development, nutritional needs and the aging process.
7. Demonstrate awareness of cancers and other pathophysiology of the female reproductive system and critically evaluate treatment options and preventative measures.
8. Demonstrate understanding of anatomy and physiology of the female reproductive system, including menstrual and ovarian cycle and influence of sex hormones on women's health.
9. Examine and understand gender in terms of scientific and cultural research using biological and cultural data, and demonstrate how tools of science can be used to analyze problems and develop solutions.
10. Examine the impact of scientific discoveries on issues of gender and women's health.
11. Define the biological and social factors that affect the role of women in society.
12. Understand the scientific principles underlying matter of public policy and concern regarding women's health issues.

### **Required Textbooks and Materials:**

**Hornstein & Schwerin - Biology of Women, 5<sup>th</sup> edition**

Additional reading materials will be posted on the BlackBoard

### **Lecture Syllabus:**

<b>Week #</b>	<b>Assigned Reading(s)</b>
1. Why Biology of Women?	Chapter 1
2. Anatomy and Physiology: an overview	Chapter 2
3. Reproductive anatomy	Chapter 3
Unit #1	
4. Reproductive cycle	Chapter 4
5. Menstrual Problems	Chapter 5
6. Reproductive Tract Infections	Chapter 6

Unit #2

7. Breast Health Chapter 7

8. Cancers Chapter 8

Unit #3

9. Genes and Fetal development Chapter 10

10. Pregnancy Chapter 11

11. Menopause Chapter 15

12. HIV and women

**Grading Policy:** (subject to change)

In-Class activities	10%
4 Unit Exams (12.5% each)	50%
Paper and Presentation	20%
<u>Final Exam</u>	<u>20%</u>
	100%

**Accessibility Statement:**

**Access-Ability Services (AAS) serves as a liaison and resource to the KCC community regarding disability issues, promotes equal access to all KCC programs and activities, and makes every reasonable effort to provide appropriate accommodations and assistance to students with disabilities. Please contact this office if you require such accommodations and assistance. Your instructor will be glad to make the accommodations you need, but you must have documentation from the Access-Ability office for any accommodations.**

### **Academic Integrity Policy:**

Academic dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension, and expulsion. Examples of academic dishonesty include cheating, plagiarism, internet plagiarism, obtaining unfair advantage, and falsification of records. A full definition of each form of academic dishonesty, as well as procedures for imposition of sanctions for violations of the CUNY Policy on Academic Integrity, may be accessed at [www.kingsborough.edu](http://www.kingsborough.edu).

### **Attendance Policies**

Absence from 6 or more hours of class (15% of the 36 hours of the course) is grounds for the WU grade. No make-up quizzes or exams will be administered. No late submission of the assignments will be allowed.