

## Global Learning Semesters

### Course Syllabus

Course: BIOL-480 Seminars in Human Biology

Department: Health and Life Sciences

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
BIOL-480	Seminars in Human Biology	1
Semester Offered	Contact Hours	Prerequisites
Please contact us	42-45	All Major Requirements of The 100-300 Series
Department	Level of Course	Language of Instruction
Health and Life Sciences	Upper Division	English

### Course Description

This course is designed to cover topics which are not covered comprehensively in any of the other courses. The course format will include presentation and discussions of scientific literature. The students will be asked to research the literature on assigned topics or on topics of their choice (upon approval by the course coordinator) and the topic will be presented by the student orally for discussion to an open audience. The topics of the course will be upgraded yearly in view of new progress and scientific developments in the field. Examples of the topics to be covered during the course are given below. The course also entails attendance at special seminars, which will be given by invited speakers at Intercollege, the University of Cyprus or at the Cyprus Institute of Neurology and Genetics.

The assessment of the student will be based on topic presentation (one presentation/student) and on an essay of approximately 2.000 words in a different topic. Topics will be given by the course coordinator.

The format of the course is one hour session/week.

### Prerequisites

All Major Requirements Of The 100-300 Series

### Topic Areas

1. The Human Genome and its Impact
2. Human Bacterial diseases and their treatment
3. Viruses and their Association to Human Cancer
4. Biotechnology and Society
5. Vaccines and the eradication of Human diseases
6. Diabetes and Cardiovascular diseases
7. Immune System and Human Allergies
8. Development and Aging
9. Stem Cells and Human Cloning
10. Gene Therapy
11. Contagious Diseases and containment of spreading
12. HIV and the AIDS Problem
13. Nanotechnology in Biosciences
14. Biology of Aggression

15. Biology of Cancer
16. Genetics of Behavior
17. Eugenics