



## Course Syllabus

<b>Course Code</b>	<b>Course Title</b>	<b>ECTS Credits</b>
BIOL-442	Health Care Systems	6
<b>Prerequisites</b>	<b>Department</b>	<b>Semester</b>
BIOL-231	Life and Health Sciences	Spring/Fall
<b>Type of Course</b>	<b>Field</b>	<b>Language of Instruction</b>
Elective	Health, Medicine	English
<b>Level of Course</b>	<b>Lecturer(s)</b>	<b>Year of Study</b>
1 <sup>st</sup> Cycle	Dr. Catherine Demoliou	3 <sup>rd</sup> or 4 <sup>th</sup>
<b>Mode of Delivery</b>	<b>Work Placement</b>	<b>Corequisites</b>
Face to face	N/A	None

### Course Objectives:

The main objectives of the course are to:

- Provide students with in depth knowledge on concepts and ideas concerning the distribution of health and disease in society.
- Discuss the organization and activities of the health care system and its relationship to society.
- Introduce the components and players of public health care systems.

### Learning Outcomes:

After completion of the course students are expected to be able to:

1. Discuss the current public health concepts, practices, resources and the players involved.
2. Demonstrate how public health is related to health care delivery system as a whole.
3. List the approaches to program planning and evaluation for public health interventions.
4. Differentiate and evaluate the role of public health activities (epidemiological investigations, biomedical research, environmental issues, policy development etc.) in health promotion and disease prevention.
5. Discuss the political role of local and national government to Public Health.
6. Read and critically evaluate public health literature.

**Course Content:**

1. History and development of Public Health; concepts and definitions
2. Understanding and measuring health
3. Law, government and Public Health functions and practices
4. The infrastructure of Public Health, resources: human, organizational, information, fiscal
5. Performance measurements and management of Public Health
6. Public and private roles in health care (social and behavioral factors; health education)
7. Public Health Interventions, programs and services; Health promotion and diseases prevention effectiveness
8. Market failure in Public Health care (public goals, insurance market, provider market, income distribution)
9. Public Health emergency preparedness and response (bioterrorism, war, disasters)
10. Inventing and reforming the Health Sector: public and private roles (Public Health model systems: USA, Europe, Cyprus).
11. Epidemiology, infectious diseases and the environment in Public Health
12. Genetics and Public Health
13. The future of Public Health in the 21<sup>st</sup> Century; Global Health

**Learning Activities and Teaching Methods:**

Lectures, Case studies discussions

**Assessment Methods:**

Group and individual assignments, oral presentations, Mid-term Exam; Final Exam

**Required Textbooks / Readings:**

Title	Author(s)	Publisher	Year	ISBN
Public health: what it is and how it works.	Bernard J. Turnock	Delmar Publishers,	2001, 2 <sup>nd</sup> ed.	ISBN-0471227692
Evaluation fundamentals: insights into the outcomes, effectiveness and quality of	Arlene Fink	Thomson/Delmar Learning,	2003 2nd ed	ISBN: 0766828433

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**Recommended Textbooks / Readings:**

<b>Title</b>	<b>Author(s)</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
Essentials of health services	Williams, Stephen J.	Jones and Bartlett	2006 2nd ed.	ISBN: 0763729671
Principles of public health practice	F. Douglas Scutchfield, C. William Keck	Thomson/Delmar Learning,	2003 2nd ed.	ISBN: 0766828433
International public health :diseases, programs, systems, and policies	Michael H. Merson, Robert E. Black, Anne J. Mills	Jones and Bartlett	2006 2nd ed.	ISBN: 0763729671