

Global Learning Semesters

Course Syllabus

Course: BIOL-485 Public Health I: Health Care Systems

Department: Health and Life Sciences

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
BIOL-485	Public Health I: Health Care Systems	3
Semester Offered	Contact Hours	Prerequisites
Please contact us	42-45	BIOL-325, BIOL-350, Math-220
Department	Level of Course	Language of Instruction
Health and Life Sciences	Upper Division	English

Course Description

This course will provide the student a comprehensive introduction to public health concepts and practices by examining the philosophy, purpose, history, organization, function, tools, activities and results of public health practice at the international, national and community levels. The course addresses important health issues and problems facing public health systems and the relationship of public health to health care delivery system as a whole. It also addresses approaches to program planning and evaluation for public health interventions and public health activities such as epidemiological investigations, biomedical research, environmental issues, policy development etc. At the end of the course the student will have an understanding of the role of public health in the larger health care delivery system and the political role of local and national governments in Public Health. The course format will be 3h/week and assigned reading.

Prerequisites

BIOL-325, BIOL-350, Math-220

Topic Areas

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 21st Century
14. Global Health

Readings and Resources

Required Textbook

1. Public Health: What It Is and How It Works, Third Edition By Bernard Turnock, Publishers: John's and Bartlett, 2004, ISBN: 076373215X
2. Introduction to Public Health by Mary-Jane Schneider Publisher: Aspen Publishers (June 23, 2003) ISBN: 0763725943

Recommended Textbooks

1. Critical Issues in Global Health by C. Everett Koop (Editor), Clarence E. Pearson (Editor), M. Roy Schwarz (Editor) Publisher: Jossey-Bass; New Ed edition (September 6, 2002) ISBN: 0787963771
2. Health Promotion Throughout the Lifespan by Carole Edelman, Carol Lynn Mandle, Carol Lium Edelman Publisher: Mosby; 5th edition (January 15, 2002) ISBN: 0323014844
3. Health Behavior and Health Education : Theory, Research, and Practice by Karen Glanz (Editor), Barbara K. Rimer (Editor), Frances Marcus Lewis (Editor) Publisher: Jossey-Bass; 3 edition (August 23, 2002) ISBN: 0787957151
4. Environmental Health by D. W. Moeller, Dade W. Moeller Publisher: Harvard University Press; Revised edition (April 1, 1997) ISBN: 0674258592
5. Health Behavior and Health Education : Theory, Research, and Practice by Karen Glanz (Editor), Barbara K. Rimer (Editor), Frances Marcus Lewis (Editor) Publisher: Jossey-Bass; 3 edition (August 23, 2002) ISBN: 0787957151
6. Understanding Health Policy by Thomas S. Bodenheimer, Kevin Grumbach, Kevin Grumbach Publisher: McGraw-Hill/Appleton & Lange; 3rd edition (December 10, 2001) ISBN: 0071378154
7. Governing Health: The Politics of Health Policy by Carol S. Weissert, William G. Weissert Publisher: Johns Hopkins University Press; 2nd edition (April 1, 2002) ISBN: 0801868467
8. Principles and Practice of Public Health Surveillance by Steven M. Teutsch, R. Elliott Churchill Publisher: Oxford University Press; 2nd edition (October 15, 2000) ISBN: 0195138279
9. Terrorism and Public Health: A Balanced Approach to Strengthening Systems and Protecting People by Barry S. Levy, Victor W. Sidel Publisher: Oxford University Press (November, 2002) ISBN: 0195158342
10. Future of the Public's Health in the 21st Century by Committee on Assuring the Health of the, Institute of Medicine Publisher: National Academies Press (September 1, 2003) ISBN: 030908704X
11. Genetics and Public Health in the 21st Century: Using Genetic Information to Improve Health and Prevent Disease by Muin J. Khoury, Wylie Burke, Elizabeth Thomson Publisher: Oxford University Press; 1st edition (August 15, 2000) ISBN: 0195128303
12. New Genetics and the New Public Health by Alan R. Petersen, Robin Bunton, Alan Peterson Publisher: Taylor & Francis Group; 1 edition (February 1, 2002) ISBN: 0415221420
13. Principles of Public Health Practice (Delmar Series in Health Services Administration) by F. Douglas Scutchfield, William Keck Publisher: Thomson Delmar Learning; 2 edition (August 8, 2002) ISBN: 0766828433
14. Epidemiology for Public Health Practice, Third Edition by Robert H., Ph.D. Friis, Thomas A., Ph.D. Sellers Publisher: Jones & Bartlett Publishers; 3rd edition (October 1, 2003) ISBN: 0763731706
15. Humanitarian Crises: The Medical and Public Health Response by Jennifer Leaning, Susan M. Briggs, Lincoln C. C Publisher: Harvard University Press (July 1, 1999) ISBN: 0674155157
16. Essentials of Epidemiology in Public Health by Ann Aschengrau, George R. Seage Publisher: Jones & Bartlett Publishers (April 1, 2003) ISBN: 0763725374
17. Public And Private Roles In Health Care Systems: Experiences From Seven Countries (State of Health) by Claudia Devita Scott Publisher: Open University Press (August 1, 2001) ISBN: 0335204600
18. International Public Health : Diseases, Programs, Systems, and Policies by Michael H. Merson, Robert E. Black, Anne J. Mills Publisher: Jones & Bartlett Publishers; 1st edition (November 1, 2000) ISBN: 0834212285
19. Hospitals in a Changing Europe (European Observatory on Health Care Systems Series) by Martin McKee (Editor), Judith Healy (Editor), European Observatory on Health Care Systems Publisher: Open University Press (April 1, 2002) ISBN: 0335209289