

University/Academy: *Mansoura*  
 Faculty: *Nursing*  
 Program: **Doctorate Degree in Community Health Nursing**  
 Department: **Community Health Nursing**

**Course specifications**

<b>1-Basic Information</b>		
<b>Code: DS1</b>	<b>Course Title:</b> Seminars in Medical and Basic science ندوات فى العلوم الأساسية والطبية ذات العلاقة بصحة المجتمع	<b>year/level: Doctorate</b>
<b>Specialty: Community Health Nursing</b>	<b>Hours: Theory 3 hours/ week X 16 weeks= 48</b>	

**2-Course Objective:**

**By the end of this course, the student will be able to:**

**Discuss the essential medical sciences related to community health**

**3- Intended learning Outcomes (ILOs):**

<b>A-Knowledge and Understanding:</b>	<p>A1- Discuss the applications and principles of immunology and microbiology in community and public health sciences</p> <p>A2- Explain the principles of environmental and public health toxicology</p> <p>A3- Recognize the approaches of preventive nutrition</p> <p>A4- Illustrate the approaches of applying of clinical pharmacology in public health</p> <p>A5- Recognize the principles and updated issues of minor topics of specialty</p> <p>A6- Discuss the advanced educational approaches and strategies in community health nursing</p> <p>A7- Illustrate the technological applications in education</p> <p>A8- Discuss models of health education in relation to community health</p> <p>A9- Recognize the recent principles and approaches of evidence- based practice of public health sciences</p> <p>A10- Describe the up to date epidemiological features of communicable and non-communicable disease</p> <p>A11- Illustrate the advanced concepts of research methodology and statistics</p> <p>A12- Discuss the applications of scientific research ethics</p> <p>A13- Discuss the quality of researches on highlights of ethical aspects</p>
<b>B-Intellectual Skills:</b>	<p>B1- Correlate the results of epidemiological studies to different community dimensions</p> <p>B2- Interpret the results of community- based studies to highlights the origins of health problems</p> <p>B3- Critically appraise scientific papers of medical sciences and professional documents</p> <p>B4- Evaluate the validity and reliability of research tools, educational methods and evaluation techniques</p> <p>B5- Estimate the health status of a community by using the different health indicators</p> <p>B6- Utilize the environmental predictors to evaluate the health status of a community</p> <p>B7- Calculate rates and frequencies of risk- exposure and health outcomes</p> <p>B8- Predicate significant probabilities by applying different statistical analysis</p>
<b>D-General and Transferable:</b>	<p>D1- Present a scientific papers based on relevant scientific evidence</p> <p>D2- Discuss the different points of views regarding a scientific topic</p> <p>D3- Lead and work in a team</p> <p>D4- Collaborate with health care professionals</p>

**4- Course Content:**

1. Applied immunology and microbiology in community health issues
2. Applied toxicology in community health issues
3. Preventive nutrition
4. Clinical pharmacology in community health issues

5. Alternative topics according to minor specialty 6. Epidemiological aspects of communicable non-communicable diseases 7. Advance research methodology and Research ethics 8. Advance statistics 9. Educational strategies in community health 10. Health education in public health 11. Applications on evidence- based practice in public health issues 12. Environmental and health indicators	
<b>5- Teaching and learning Methods:</b>	
5.1- Interactive Lectures 5.2- Group discussion and Brain storming 5.3-Projects- based learning 5.4- Problem-based learning	
<b>6- Teaching and learning Methods of Students with Special need:</b>	
Not Relevant	
<b>7- Student Assessment Methods:</b>	
<b>A- Assessment Methods</b>	Written comprehensive doctorate exam Oral Exam
<b>B- Schedule</b>	-----
<b>C- Weighting of Assessments</b>	Final written and oral Exam Mange scientific meeting and time Oral 50 Written 200 Total: 250 grads
<b>8- List of references:</b>	
<b>A- Course notes</b>	Not applicable
<b>B- Compulsory Book</b>	-----
<b>C-Recommended Books</b>	1-S. Marcia & L. Jeonette, 2008, Public health Nursing , Population centered health care in the community, Women's and men's health, 7th ed , Canada, (p. 631- 657) 2-S. Marcia & L. Jeonette, 2008, Public health Nursing , Population centered health care in the community, 7th ed Canada. 3-June 2005, Missouri Department of Elementary, and Secondary Education, D. Kent King, Commissioner of Education -Department Of State Health Services, School Health Program , Publication No. E05-12889 ,09/2008 4-School Health Program Manual – January 2010 (5th Ed.), N.C. Division of Public Health – Children & Youth Branch – School Health Unit 5-United Nations Development Programme – Asia-Pacific Development Information Programme (UNDP-APDIP) and Asian and Pacific Training Centre for Information and Communication Technology for Development (APCICT) – 2007 6-Pratt RJ, Grange JM, Williams VG. Tuberculosis, A foundation for nursing and health care practice. London: Hodder Arnold. 2005 Scottish Intercollegiate Guideline Network (SIGN) System. <a href="http://www.sign.ac.uk">www.sign.ac.uk</a> . 2008
<b>D- Periodicals, Web Sites,...etc</b>	<a href="http://www.WHO.net">www.WHO.net</a> <a href="http://www.cdc.gov">www.cdc.gov</a> Journal of Community Health <a href="http://www.nmschoolhealthmanual.org">www.nmschoolhealthmanual.org</a>

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