

Course Syllabus

Vision, mission and goals of Health Education program

Vision:

Leadership and excellence in health education and promotion

Mission:

To contribute to promote community health and secure better quality of life through qualifying globally competitive cadres specialized in health education and promotion; who are characterized by creative thinking, innovation and self-confidence, armed with values and ethics needed to practice the profession within a multidisciplinary team, and competent in planning, implementation and evaluation of health education programs and campaigns, mobilizing community participation, and conducting distinguished scientific research”.

Goals:

1. To prepare pioneers in the fields of health education and promotion, including patients/ families education, school health education, community-based health education, occupational and environmental education.
2. To encourage the practice of health education within the framework of global standards and professional ethics
3. To improve students’ research skills in various areas of health education and encourage them to keep up to date with developments in their academic or professional field
4. To advocate and create awareness of health issues and to instill health values among the community with collaboration with the relevant sectors in this concern.
5. To meet the increasing need in the labor market and the requirements of society from the specialties of health education & promotion.

Course Syllabus

Course title and code: CHS371 Environmental Health Science

Department : Community health sciences (CHS)

Program in which the course is offered: HE

Credit hours: 3 hours

Total contact hours per semester 45 hours

Level at which this course is offered: 5

Course prerequisites: None

Time: Sunday 10 am – 1 pm

Location: 11S1

College member responsible for the course Basma kattan

Contact information:

Office Number: 218

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Office hours: Monday 11 am- 1 pm
Thursday 11am-12 pm

Course Description

This course will provide the students with a general understanding of Environmental Health as a science, with the introduction of different aspects of Environmental Health as they relate to public health.

Course Objectives

- Recall the scope of environmental health sciences.
- Categorize environmental health risks.
- Evaluate health hazards from exposure to different environmental health factors.
- Recall strategies to minimize the effects of hazardous environmental factors
- Evaluate

Teaching strategies

- Interactive lectures using class discussion, case studies and brainstorming.
- Assignments, seminars and presentations.
- Reading assignments from scientific journals, articles, and textbooks.

Learning Resources

Required Text (s)

Required Text(s)

- Essential References

- Conant J and Fadem P. A Community Guide to Environmental Health. First Edition. 2008. Hesperian. Berkeley, CA USA.
- Moore GS. Living with the Earth: Concepts in Environmental Science. Third Edition. 2007. CRC Press. Taylor & Francis Group. Boca Raton, FL USA.
- Frumkin H. Environmental Health: From Global to Local. Second Edition. 2010. Jossey-Bass. John Wiley and Sons, Inc.

- Recommended Journals

- Environment International
- Annual Review of Environment and Resources
- Journal of Environmental Studies and Sciences

- Electronic Materials and Web Sites

Environmental Protection Agency www.epa.gov

Centers for Disease Control and Prevention www.cdc.gov National

Institutes of Health www.nih.gov

National Institute of Environmental Health Sciences www.niehs.nih.gov European

Environment Agency <http://www.eea.europa.eu/>

The World Health Organization <http://www.who.int/en/> Additional

references will accompany each lecture.

Topics to be covered

| List of topics | Week due | Contact hours |
|--|----------|---------------|
| LESSON 1 – INTRODUCTION TO ENVIRONMENTAL HEALTH | 2 | 3 |
| LESSON 2 – AIR | 3 | 3 |
| LESSON 3 – WATER | 4 | 3 |
| LESSON 4 – SOIL | 8 | 3 |
| LESSON 5 – FOOD | 9 | 3 |
| LESSON 6 – SOLID AND LIQUID WASTE | 10 | 3 |
| LESSON 7 – CLIMATE AND INFECTIOUS DISEASES | 11 | 3 |
| LESSON 8 – OTHER SOURCES OF POLLUTION | 13 | 3 |
| LESSON 9 – LIVING ENVIRONMENT AND SUSTAINABILITY | 14 | 3 |
| Student's Assignments | 13-15 | 6 |

Schedule of Assessment Tasks for Students During the Semester

| Assessment task | Week due | Proportion of Final Assessment |
|-------------------------|-----------------------------|--------------------------------|
| Midterm I | Week 5-7 One hour exam | 20 |
| Midterm II | Week 11-13 One hour exam | 20 |
| Quizzes (1 and 2) | TBA | 10 |
| Report and Presentation | Weekly 13-15 | 10 |
| End Semester Exam | TBA | 40 |

Required Assignments:

| Week | Assignments | Evaluation | Week due |
|--------|--|--------------|----------------|
| Weekly | Answer questions related to the weekly topic, team work, and case studies and discussions within the lecture | - | Following week |
| TBA | Assignment on national geographic documentary on climate changes | 10 | |
| TBA | Quiz 1& 2 | 5 marks each | |

Course rules :

- Class Leader: TBA
- Duties of the Class leader:

Name:

More comments for instructor :

Class rules

- The lecture will start on time.
- The instructor will take attendance at the beginning of the class.
- Arriving after 10:15 a.m. is considered late. Late arrivals count as a half (1/2) absence.
- Early departures before the class is over count as a half (1/2) absence.
- Three (3) complete absences will be reported to the academic advisor and to the department head.
- The students must submit their assignments as a printed or handwritten copy on the due date (unless otherwise stated).

A valid excuse is required to accept overdue assignments, which will be graded as follows:

- One half (1/4) point will be discounted per day, up to two (2) points.
- Homework submitted after 12:00 noon on Thursday of the same week

The assignment was due will not be accepted for grading.

- Unexcused absences will result in loss of any points awarded for class work on that day.
- No food or drinks (in open or paper cups) in the classroom.
- Mobile Phones and electronic devices
 - Switch off mobile phones and electronic devices during lectures and store them away from open view.
- Disruptive behavior during the lecture (e.g., talking, and/or use of cell phone or electronic devices) will result in disciplinary action, and the academic advisor will be informed.