California State University San Marcos • **COURSE CHANGE(S)** • FORM C-2

ORIGINATOR'S SECTION:		
1. College: ☐ CHABSS ☐ CoBA ☒ CoEHHS ☐ CSM	Desired Term and Year of Implementation (e.g., Fall 2008): Spring 2016	

2. Current Course abbreviation and Number:
   PH 506

TYPE OF CHANGE(S). Check √ all that apply.

Course Number Change	☐	Delete Prerequisite	☐	Other Prerequisite Change	☐
Course Title Change	☐	Add Corequisite	☐	Grading Method Change	☐
Unit Value Change	☐	Delete Corequisite	☐	Mode of Instruction Change (C/S Number)	☐
Description Change	☒	Add Consent for Enrollment	☐	Consider for G.E. If yes, also fill out appropriate GE form.	☐
Add Prerequisite	☒	Delete Consent for Enrollment	☐	Cross-list	☐

Information in this section– both current and new – is required only for items checked (√) above.

NEW INFORMATION:

Course abbreviation and Number:

CURRENT INFORMATION:

CURRENT	NEW
3. Title:	Title: *(Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)*
4. Abbreviated Title for Banner *(no more than 25 characters):*	Abbreviated Title for PeopleSoft: *(no more than 25 characters, including spaces)*
5. Number of Units:	Number of Units:

6. Catalog Description:

Provides an introduction to the environmental factors which affect the health of a community. Primary focus is on biological, physical, and chemical exposures associated with human health. Also covers the health-associated effects of global warming, occupational hazards, and other environmental problems. Restricted to students admitted to the MPH program.

Catalog Description: *(Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does not count toward the 80-word limit.)*

Provides an introduction to environmental factors affecting the health of communities. Addresses current and emerging environmental health topics and challenges. Primary focus is on biological, physical, and chemical determinants and exposures associated with human health. Also covers environmental health-associated effects of global warming, occupational hazards, and environmental problems. Provides opportunities for students to explore real-world environmental health issues through a combination of in-class course work, field trips, and service learning projects. Prerequisite: PH 501.

7. **Mode of Instruction*** *(See pages 17-23 at http://www.calstate.edu/cim/data-elem-dic/APDB-Transaction-DED-SectionV.pdf for definitions of the Course Classification Numbers)*

Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)	Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)
Lecture			Lecture		
Activity			Activity		
Lab			Lab		

8. Grading Method:*	Grading Method:*

*If Originator is uncertain of this entry, please consult with Program Director/Chair.

CURRENT INFORMATION:	NEW INFORMATION:
☐ Normal (N) *(Allows Letter Grade +/-, and Credit/No Credit)* ☐ Normal Plus Report-in-Progress (NP) *(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)* ☐ Credit/No Credit Only (C) ☐ Credit/No Credit or Report-in-Progress Only (CP))	☐ Normal (N) *(Allows Letter Grade +/-, and Credit/No Credit)* ☐ Normal Plus Report-in-Progress (NP) *(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)* ☐ Credit/No Credit Only (C) ☐ Credit/No Credit or Report-in-Progress Only (CP))

9. If the NP or CP grading system was selected, please explain the need for this grade option.

10. Course Requires Consent for Enrollment? ☐ Yes ☐ No ☐ Faculty ☐ Credential Analyst ☐ Dean ☐ Program/Department/Director/Chair	**Course Requires Consent for Enrollment?** ☐ Yes ☐ No ☐ Faculty ☐ Credential Analyst ☐ Dean ☐ Program/Department/Director/Chair
11. Course Can be Taken for Credit More than Once? ☐ Yes ☐ No If yes, how many times (including first offering)	**Course Can be Taken for Credit More than Once?** ☐ Yes ☐ No If yes, how many times (including first offering)
12. Is Course Cross Listed: ☐ Yes ☐ No If yes, indicate which course -	**Is Course Cross-listed?** ☐ Yes ☐ No If yes, indicate which course and check "yes" in item #17 below.
13. Prerequisite(s): None	**Prerequisite(s):** PH 501
14. Corequisite(s):	**Corequisite(s):**

15. Documentation attached:
☐ Syllabus ☒ Detailed Course Outline

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:
(Mandatory information – all items in this section must be completed.)

16. Does this course fulfill a requirement for any major (i.e. core course or elective for a major, majors in other departments, minors in other departments? ☒ Yes ☐ No
If yes, please specify:
   This is a core course for the MPH Program. Does not satisfy requirements or electives of any other department.

17. Does this course change impact other discipline(s)? *(If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.)* Check "yes" if the course is cross-listed. ☐ Yes ☒ No
If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

Discipline _____   _____   _____ _____ Support _____ Oppose
              Signature   Date

Discipline _____   _____   _____ _____ Support _____ Oppose
              Signature   Date

18. Reason(s) for changing this course:
   Greater clarity and unity of course descriptions and better flow for our overall curriculum.

SIGNATURES : (COLLEGE LEVEL) :   **(UNIVERSITY LEVEL)**

Malachi Harper   9/6/16
1. Originator (Please Print)   Date

Emmanuelle Samuwe   9/7/16
2. Program Director/Chair   Date

           11/18/16
3. College Curriculum Committee   Date

        2-6-17
4. College Dean (or Designee)   Date

5. UCC Committee Chair   Date

6. Vice President for Academic Affairs (or Designee)   Date

7. President (or Designee)   Date

CALIFORNIA STATE UNIVERSITY, SAN MARCOS
MASTER OF PUBLIC HEALTH (MPH) PROGRAM

Proposed Course Number: PH 506

Course Title: Foundation of Health Systems Organization, Delivery, and Policy (3 units)

Prerequisites: PH 501

Catalog Description: Provides an introduction to environmental factors affecting the health of communities. Addresses current and emerging environmental health topics and challenges. Primary focus is on biological, physical, and chemical determinants and exposures associated with human health. Also covers environmental health-associated effects of global warming, occupational hazards, and environmental problems. Provides opportunities for students to explore real-world environmental health issues through a combination of in-class course work, field trips, and service learning projects. Prerequisite: PH 501.

Proposed Text:
Hilgenkamp, Kathryn. Environmental Health: Ecological Perspective. Jones and Bartlett Publishers. 2012

Writing requirement: The writing requirement (2500 words) will be fulfilled with a combination of papers and essays on exams.

Student Learning Outcomes:
As a result of taking this class, students will be able to:

1. Define the evolution of human and environmental interactions related to environmental health.
2. Identify public health strategies for environmental problems and solutions.
3. Discuss global environmental concerns and collaborations on resolution of global health problems.
4. Examine the history of public health efforts to eliminate public and environmental health concerns, including health promotion and policy.
5. Describe the role of Epidemiology in control of diseases related to environmental health.
6. Define the basic principles of toxicology and determination of hazard and risk monitoring.
7. Assess the environmental health impact of air and land pollution, water, energy and fossil fuels.
8. Examine threats of natural resources, including drinking water, food safety and global warming.
9. Identify the effect of the environment on occupational hazards, injuries, and disasters related to health.
10. Appraise current and future public health strategies to enhance environmental health.

Evaluation:

Paper (1)	40 points
Exams (2)	40 points (20 points x 2)
Presentation (1)	20 points

Assignments:

Paper to include analysis of environmental conditions governmental policies associated with public health threats.

Presentation of strategies to address health threats and enhance environmental health.

Grading Scale:

90-100%	A
80-89%	B
71-79%	C
61-70%	D
0-60%	F

		Course Schedule of Topics

	Week 1	Evolution of Environment-Human Interactions
		    Introduction to Environment-Human Interactions
		    Public Health Efforts in Ancient Cities

	Week 2	How the Environment Impacts Humans
		    Global Environmental Concerns
		    Global Collaboration in Environmental Health

	Week 3	Environmental Health and Disease Prevention
		    Principles of Exposure, Dose, and Response
		    Principles of Immunity and Susceptibility
		    Populations at Specific Risk

	Week 4	Environmental Toxicology
		    Environmental Toxins: Natural & Manufactured
		    Environmental Carcinogenesis

	Week 5	Risk Assessment and Management
		    Risk Assessment and Exposure-Disease Model
		    Risk Management Strategies
		    Risk Communication

	Week 6	Injury and Safety
		    Unintentional and Intentional Injury
		    Product Safety and Injury Prevention
		Occupational Health and Safety
		    Occupational Hazards
		    Occupational Safety Laws and Practitioners

Week 7	Indoor and Outdoor Air Pollution
	   Air Pollution
	   Greenhouse Gases and Environmental Impact

Week 8	Land
	   Effects of Land Usage
	   Natural Disasters
	   Preservation

Week 9	Food and Water Safety
	   Food and Water Quality Safety Measures
	   Food- and Water-Borne Disease
	   Water Supply Issues

Week 10	Radiation
	   Radiation, Radon, and Nuclear Power
	Energy
	   Fossil and Nonfossil Conventional Fuels
	   Renewable Energy Sources
	   New Fuel Sources

Week 11	Municipal, Industrial, and Hazardous Waste
	Management
	   Municipal and Industrial Waste: Solid, Liquid & Gas
	   Hazardous Waste Management

Week 12	Disaster Preparedness
	   Natural and Man-Made Disasters Preparedness
	   Terrorism and War

Week 13	Public Health and Environmental Health Policy
	   Challenges and the Environmental Movement
	   Public Health Policy and the Law

Week 14	Presentations
Week 15	Presentations