

## Course at a Glance Spring 2018

**Course Title:** Environmental and Occupational Health

**Course Number:** PHC 6357

**Dept:** EOH

**Credits:** 3

**Traditional Section:** 310

**Reference Number:**

**Certificate Section:** 510

**Reference Number:**

**For HSE, GDM, PHP, IMSPH, ExMPH Sections:** please visit Self-Funded Program [website](#) for course reference numbers, registration procedures and deadlines.

**Instructor Name:** Dr. Steve Mlynarek; Dr. Ricardo Izurieta

**Instructor Email:** [smlynare@health.usf.edu](mailto:smlynare@health.usf.edu); [rizuriet@health.usf.edu](mailto:rizuriet@health.usf.edu)

### **Course Description:**

The course presents the major environmental and occupational factors that contribute to development of health problems in developed and undeveloped countries.

### **Format of content presentation, activities and/or instructional methods:**

This course is fully online with narrated presentations, videos with guest lectures, and interactive activities focusing on critical thinking and problem solving. These may include quizzes, case studies, paper writing, or other assignments.

### **Course content organization:**

There are 4 modules in the course. Each module consists of several topics. These modules/topics will be presented over the course of the term. Exams, quizzes, and activities are required throughout the term.

### **Textbook and Ordering materials:**

**Required Text:** Moore, G. (2007). Living with the Earth (3rd Edition). CRC / Lewis Publishers.

**How to Order:** Purchase your textbook online on the [HSC Bookstore website](http://usfhsc.bncollege.com) (<http://usfhsc.bncollege.com>)

### **Other Required Materials:**

Supplemental readings will be posted on the course Canvas website.

### **Topics:**

The following modules will be presented, though the order of modules may change.

1. Module 1 – Chemical Agents, Toxicology, Pesticides, Risk Assessment, Industrial Hygiene/Safety, Physical Agents
2. Module 2 – Ecology and Population Dynamics, Chronic Diseases, Nutrition and Disease, Foodborne Illness
3. Module 3 – Emerging Diseases & Biological Agents, HIV:Issues of the Global Pandemic, Vaccine-Preventable Diseases
4. Module 4 – Air Pollution/Indoor Air Quality, Water Resources/Water Quality, Solid/Hazardous Waste, Environmental/Occupational Law

Note – within each module, both the topics and the order of the topics are subject to change.

**Types of assessments and activities in the course:**

Four (usually) multiple choice and true/false exams (open book) delivered on a choice of two days. Two to four Activities (quizzes, papers, case studies, or other at the discretion of the instructor) are required. Paper writing may be required. Group learning events and individual learning also are required.

**Course Expectations:**

Students are required to log in at least once per week, read the textbook and the required materials (supplemental materials may also be provided), listen/view guest lectures and videos, and complete any other assignments (individual and group). At a minimum, our group interaction is the discussion board. Students are expected to demonstrate initiative to learn the material and to work with other students.

**Required Dates: The dates of exams are final. There are no makeup exams. See syllabus for dates.**

**For more information about the course, contact the instructors:**

Dr. Steve Mlynarek [smlynare@health.usf.edu](mailto:smlynare@health.usf.edu) (813) 974-6628

or

Dr. Ricardo Izurieta [rizuriet@health.usf.edu](mailto:rizuriet@health.usf.edu) (813) 974-8913

Note: For problems accessing the course materials and other computer technical problems, click the **Tech Assistance** button in your course website and fill out a "Technical Problem Report Form". Tech Assistance button links to the Technical Assistance page of the Office of Educational Technology & Assessment website at:

<http://health.usf.edu/publichealth/eta/techsupport.html>. Students can also receive assistance via telephone at 813-974-6666, Mon-Fri 8:30am-5pm, or via email at [eta@health.usf.edu](mailto:eta@health.usf.edu).

**Technology Requirements (e.g. software or hardware):**

Visit this website for software requirements and downloads:

[http://health.usf.edu/publichealth/eta/students\\_tech\\_requirements.htm](http://health.usf.edu/publichealth/eta/students_tech_requirements.htm)

**Please Note:** The information on this document is subject to change. The course instructor has the right to change any information posted in this document. Students should check the official course syllabus released during the first week of classes for any updates to this document.