Registered students please go here for the most recent syllabus, readings and assignments:
https://hserv.washington.edu/courses/course/view.php?id=238

Sample Syllabus Summary:
The assignments and readings are from the Quarter listed. They will most likely change – use as an example ONLY.

FROM WINTER '08

CHILD HEALTH IN DEVELOPING COUNTRIES

HSERV 590Q (EXDP)

Instructor: Donna M. Denno, MD, MPH
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Web site: **http://hserv.washington.edu/courses/**
Credits: 3
Schedule: distance learning based on weekly readings, assignments, and forum discussions (see below and course website)

Course Description

This course provides an overview of the health problems of children in developing countries. The course will provide an understanding of the causes and functional effects of the most prominent child health problems. We will examine trends and progress in global child health and explore potential explanations for these trends. We will learn about programmatic interventions, both prevention and treatment, currently being utilized to respond to global child health problems as well as some interventions being developed for future implementation. We will also examine health intervention delivery models, introduce methodology for measuring impact of programmatic interventions, and learn about some of the major groups involved in child health globally. This course will build on the EXDP HSERV 590 Introduction to International Health offered in the fall quarter although it is not prerequisite. This course is designed for students who may want to work in the health field in resource-poor settings or for students who simply desire a better understanding of the state of affairs for health for the majority of the world's children.

Students will be expected to participate in web based discussion forums (~5-6 times / quarter) based on assigned reading material in order to solidify understanding of major course concepts. Students will also be expected to choose one health problem of most interest to them that they will independently study in greater detail and write a 3-5 mid-term paper outlining the cause and effects of the health problem as well as current interventions to combat the problem. Students will also plan a project in the form of a final paper/proposal (3-

5 pages) addressing a specific child health problem in a specific resource limited setting.

Course Objectives

- Understand the major causes of childhood morbidity and mortality worldwide and the scope of these problems
- Understand the major underlying socioeconomic and biomedical determinants of child health
- Understand the primary interventions being used to combat the leading causes of childhood morbidity and mortality worldwide
- Understand major trends in global child health efforts over the past quarter century
- Understand health services delivery options for child health interventions
- Understand the major groups working in the global child health field

Learning Objectives

- Define the most commonly used measures of child mortality
- List the 5 leading causes of death among children worldwide
- Describe how causes of mortality vary regionally
- List 5 underlying causes of childhood mortality
- State the leading causes of childhood disability
- State the percent of childhood deaths that can be prevented with interventions that are currently available
- Describe the major prevention and treatment interventions being utilized globally to reduce the burden of disease related to: malnutrition, pneumonia, diarrhea, malaria, measles, and neonatal causes of mortality
- Develop “SMART” measurement objectives
- Define strategies for delivering interventions to combat childhood mortality. Give examples of interventions that are being or have been delivered via these methods.
- Describe the major “actors” in global child health
- State the Millennium Development Goal (MDG) directly related to child health
- Describe trends in child mortality, potential reasons for the trends and how these trends predict likelihood of meeting child health MDG

Course Outline

- Why focus on child health
- Scope of the problem
- Indicators of child health
- Trends (chronologic, regional, intercountry, and within country) in childhood mortality
- Causes of childhood mortality and currently used prevention and treatment Interventions—(also promising future interventions) for

    - Diarrheal disease
    - Pneumonia
    - Vaccine preventable diseases
    - Malaria
    - Newborn problems
- Malnutrition—underlying cause of disease
    - Undernutrition
    - Micronutrient deficiencies
    - Breastfeeding
- Determinants of child health
- Causes of childhood morbidity and significance for adult health
- Methods of intervention delivery
    - Primary Health Care
    - Vertical Programs
- Trends in intervention delivery
    - PHC
    - GOBI, Child Survival revolution
    - IMCI
- Major “players” in Child Health
    - UNICEF, WHO, World Bank, USAID, Foundations, NGOs, national governments