



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman
College of Public Health

**Mel and Enid Zuckerman College of Public Health
University of Arizona**

HPS 560 International Nutrition

Catalog Description: Fundamentals of biochemistry, including proteins, enzymes, carbohydrates and lipids and their metabolic relationships. (3 units)

Course Topics:

- Nutrition in Low-income Countries
- Food Security
- Child Growth and Development
- Vitamin Deficiencies
- Breastfeeding and Infant Feeding
- Reproductive Health and Nutrition
- Nutrition and HIV/AIDS
- Nutrition Interventions
- Economics of Interventions and Program Evaluation

Course Objectives: During this course, students will:

- Analyze the causes and effects of the major nutritional deficiencies that are present in the world.
- Analyze the impact of biological and sociological factors that modify nutrition –infection interactions.
- Describe the nutrition transition and the factors affecting it.
- Understand the role of women in nutrition and how nutrition affects women.
- Determine the effect of governmental policies on nutritional status in low-income countries.
- Prioritize factors that need to be considered when developing public health programs to combat malnutrition in low-income countries.

Learning Outcomes (Competencies Obtained): Upon completion of this course students will be able to:

1. Interpret results of data analysis for public health research, policy or practice
2. Analyze the strengths and weaknesses of intervention that address the major global health issues for women and children
3. Select methods to evaluate public health programs
4. Design a population-based policy, program, project or intervention
5. Communicate audience-appropriate public health content, both in writing and through oral presentation