

**Acc/IEcc270a WORLD INTERDEPENDENCE, POPULATION AND FOOD  
SYLLABUS – Spring, 2006**

**General:**

3 Credits, Traditional Grading Only, No Prerequisites

MWF 11:00-11:50 a.m., Room 205 Clark Building

Professors:

Dr. Marc A. Johnson, Dean

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**Course Objectives:**

1. To understand the causes and patterns of change in the world community of nations relative to world population and food.
2. To understand world economic interdependence, and population and food issues in the world.
3. To understand world cultural pluralism and appreciate the problems and opportunities created by a world community of nations.
4. To understand the scientific principles underlying food production and strategies for improving the world food supply.
5. To provide an opportunity to learn about the local economic and food situation through service learning at the Food Bank of Larimer County.

**Organization and Requirements:**

**1. Attendance:** It is important that you attend regularly because most topics will be covered in single sessions, discussion will be important to understanding, and there will be no opportunity for review in succeeding classes.

**2. Reading:** Assigned reading will be considered when exams are prepared and graded.

**3. Writing Assignments:** All papers are individual assignments, not group assignments.

**a. Short assignments:** Each student is assigned four (4) short (500 to 750 words) typed, reaction papers based on individual assigned readings (see class schedule). Two readings are to be from the sections on Food Security, Economics, and/or Globalization

and two readings are to be from the sections on Population, Farming Systems, and/or Societies and Cultures. Each reaction paper must include “keepers,” “queries,” and address “so what?”

Keepers: main ideas of themes that are worth remembering.

Queries: questions for the author or criticisms of the piece.

So What? a 250-word evaluation of the article’s overall significance and its relation to the class.

Students choose which four papers they write about. Papers will be graded on a scale of 0 (unacceptable) to 5 (full credit). Reaction papers are due, in class, the class day after the reading is assigned in the syllabus. Reaction papers will not be accepted after April 24.

**b. Science short assignments:** Each student is assigned two (2) short assignments consisting of reaction papers, problem sets, or other to be assigned by Dr. Byrne related to the Science of World Food Production.

**c. Short Position Paper or Policy Memo:** Each student is assigned to write a paper of no more than two, single-spaced, typed pages dealing with a single aspect of food security, world population, economic interdependence, farming systems, or societies and cultures, **due in class March 10**. This paper may be written as a general argument of a proposition with supporting facts and data, or as a policy memo addressed to a particular person or agency recommending an action, with facts and data for justification.

**d. Term Paper:** Each student is assigned to write a term paper of 8 to 10 pages, double-spaced and typed, **due in class April 21**. This paper should be descriptive of the economy, population, food situation, and related issues of a single developing country drawn by the student on the first day of class. Students are to provide three related references to Dr. Johnson before spring break (**March 10**).

e. For the latter two papers, grading will be based on writing quality and ability shown to acquire data, order and evaluate the significance of the data to build an argument or informative story, deliver a cohesive message, and cite appropriate supporting references.

f. Papers submitted late will receive a 10 percent penalty on the grade and papers submitted more than one week late will not be graded and a score of zero will be recorded.

g. Cheating on examinations and plagiarism in papers are not acceptable and will result in no credit for the examination or assignment. When plagiarism is suspected, papers may be checked with one of several internet plagiarism detection programs.

**4. Examinations:** There will not be an opportunity to makeup the mid-term examination; if the exam is missed due to an acceptable excuse, the final exam will count as 35% of the course grade.

**Textbooks and Supplementary Reading:**

There is no text for this course. Assigned readings are listed by date on the course schedule in this syllabus. The source of these readings will be marked either by R (reserved), ER (electronic reserve), internet (website address), or copied (for purchase in the bookstore).

**Grading System:**

Midterm Exam (Wednesday, March 8)	15%
Final Exam (Tuesday, May 9, 9:10-11:10 am)	20%
Six Short Assignments	30%
Short Paper	15%
Term Paper	<u>20%</u>
Total	100%

**Service Learning Option**

The service learning opportunity will be explained during class on January 23<sup>rd</sup>. Those who decide to take advantage of this opportunity will be required to establish an agreement with the designated liaison person at the Food Bank of Larimer County and inform Dr. Marc Johnson about the contents of the agreement. Weekly participation, beginning no later than the week of January 30<sup>th</sup>, in the Food Bank's program is expected. Participation must continue through the last week of classes. If the participant misses the agreed schedule twice, the service learning experience will be discontinued. Students who elect this activity will not have to write the term paper. In lieu of the term paper, a two-page (minimum), thoughtful report of what was done, what was learned, and how it relates to this class will be due on May 3<sup>rd</sup> and reported to the class on that day. Students are encouraged to bring the service learning experience to the classroom through frequent comments and questions during class.

**Class Schedule: spring, 2006**

<b><u>Day</u></b>	<b><u>Date</u></b>	<b><u>Speaker</u></b>	<b><u>Topic</u></b>	<b><u>Reading Assigned</u></b>
Wed	1/18	MJ, LS	Two Perspectives; Course Logistics	Syllabus
Fri	1/20	MJ	Food Security Internationally	Per Pinstруп-Andersen, "Feeding the World in the New Millennium: Issues for the New Administration," (2001), <i>Environment</i> 43(6): 22-30 (ER); Per Pinstруп-Andersen, "Emerging Food and Agriculture Concerns in the Developing World," (2001), <i>Agriculture and Rural Development Journal</i> 8(4): 28-30 (ER); Per Pinstруп-Andersen, "Towards a Sustainable Global Food System: What Will It Take?" Keynote Presentation for the Annual John Pesek Colloquium in Sustainable Agriculture, Iowa State Univ., March 26-27, 2002 (ER); Peruse the United Nations World Food Programme website at <a href="http://www.wfp.org">http://www.wfp.org</a> (especially history, mission, facts and figures).

Mon 1/23	A. Pezzani	Food Security: Larimer Co.	Food Bank of Larimer County Materials: 1) brochure, 2) TEFAP brochure, 3) CSFP brochure, 4) Resources List for Larimer Co. (ER)
Wed 1/25	J. Anderson	Food Security: Colorado	No Readings
Fri 1/27	MJ	Food Security Assurance	D. Gale Johnson, "Food Security and World Trade Prospects," (1998) <i>American Journal of Agricultural Economics</i> 80(5): 941-947 (ER); Walter P. Falcon and Rosamond L. Naylor, "Rethinking Food Security for the Twenty-First Century," (2005) <i>American Journal of Agricultural Economics</i> 87(5): 1113-1127 (ER)
Mon 1/30	MJ	Food Security Summary, Disc.	No additional readings; summarize reading of Jan. 20-27.
Wed 2/1		Why Population is Important	
Fri 2/3	LS	Population Basics	
Mon 2/6	LS	Population Theories	
Wed 2/8	LS	Population Theories	
Fri 2/10	LS	Population Pyramids	
Mon 2/13	LS	Population Summary, Disc.	
Wed 2/15	MJ	Economics of Exchange	<i>An Inquiry into the Nature and Causes of the Wealth of Nations</i> (1776), Book I, Chapters 1-3. <a href="http://geolib.com/smith.adam/won1-01.html">http://geolib.com/smith.adam/won1-01.html</a>
Fri 2/17	MJ	Economics of Trade	"The Theory of Comparative Advantage-Overview" <a href="http://internationalecon.com/v1.0/ch40/40c100.html">http://internationalecon.com/v1.0/ch40/40c100.html</a> "David Ricardo and Comparative Advantage" <a href="http://www.netmba.com/econ/micro/comparative-advantage">http://www.netmba.com/econ/micro/comparative-advantage</a> Chapter 60 The Heckscher-Ohlin (Factor Proportions) Model <a href="http://internationalecon.com/v1.0/ch60/60c010.html">http://internationalecon.com/v1.0/ch60/60c010.html</a> The Heckscher-Ohlin Model

[http://en.wikipedia.org/wiki/Heckscher-Ohlin\\_model](http://en.wikipedia.org/wiki/Heckscher-Ohlin_model)

“A Two-Factor World: The Heckscher-Ohlin-Samuelson Model

<http://faculty.uwb.edu/danby/bls324/trade/hos.html>

Mon 2/20	MJ	Trade Agreements	Steven Zahniser, “North America Moves Toward One Market,” <i>Amber Waves</i> , June, 2005, USDA-Economic Research Service (See related referenced reports if interested) <a href="http://www.ers.usda.gov/AmberWaves/June05/Features/NorthAmericaMoves.htm">http://www.ers.usda.gov/AmberWaves/June05/Features/NorthAmericaMoves.htm</a>
Wed 2/22	MJ	Challenges to Agreements	<i>Public Citizen</i> , “North American Free Trade Agreement,” and four identified reports: “The Ten Year Track Record of NAFTA: Agriculture, Democracy, Mexico, and Jobs” <a href="http://www.citizen.org/trade/nafta">http://www.citizen.org/trade/nafta</a>
Fri 2/24	MJ	Economics of Development	
Mon 2/27	LS	Farming Systems & Development	
Wed 3/1	LS	Farming Systems & Development	
Fri 3/3	LS	Societies & Cultures	
Mon 3/6	LS	Societies & Cultures	
Wed 3/8	MJ, LS	MIDTERM EXAMINATION	
Fri 3/10	LS	Econ, Societies & Pop: Contradictions	
Spring Break			
Mon 3/20	PB	Crops We Depend On: Grains & Grasses	
Wed 3/22	PB	Crops We Depend On: Legumes	
Fri 3/24	PB	Crops We Depend On: Fruits & Vegetables	
Mon 3/27	PB	Photosynthesis: Capturing Solar Energy	
Wed 3/29	PB	Water Use in Agriculture	
Fri 3/31	PB	Soil Resources & Challenges	
Mon 4/3	PB	Plant Breeding, Genetics & Biotechnology	
Wed 4/5	PB	Plant Breeding, Genetics & Biotechnology	
Fri 4/7	PB	Plant Breeding, Genetics & Biotechnology	

Mon 4/10	PB	Maintaining Genetic Resources	
Wed 4/12	PB	Climate Change & Food Production	
Fri 4/14	B. Temple	Livestock Production in the World	
Mon 4/17	MJ	Globalization: Knowledge & Exchange	Thomas L. Friedman, <i>The Lexus and the Olive Tree</i> , Chapters 1-3, pp. 3-16 (ER); D. Gale Johnson, "Globalization: What it is and Who Benefits," (2002) <i>Journal of Asian Economics</i> 13: 427-439 (ER).
Wed 4/19	D. Murray	Globalization: Fair Trade	
Fri 4/21	MJ	Globalization: Public Policy & Markets	Thomas L. Friedman, <i>The Lexus and the Olive Tree</i> , Chapter 20, "There is a Way Forward," pp. 434-475.
Mon 4/24	A. Bernasek	Gender & Equity in Development	
Wed 4/26	M. Denney	AIDS in Development	
Fri 4/28	K. Pabilonia	Pandemics & World Interdependence	
Mon 5/1	R. Zimdahl	Ethics in International Affairs	
Wed 5/3	Students	Service Learning Reports	
Fri 5/5	MJ, LS, PB	What Have We Learned: Disc & Eval	
Tue 5/9	MJ, LS, PB	FINAL EXAMINATION 9:10-11:10 am	