

**SYLLABUS
WORLD HUNGER AND MALNUTRITION
SPRING 2017**

**Agronomy, Agricultural and Applied Economics, Nutritional Sciences, CALS Interdisc 350
Class meetings: Monday and Wednesday, 1:20-2:10pm
1125 DeLuca Biochem Building**

Instructors and office hours

Kyle W. Stiegert
kyle.stiegert@wisc.edu
(608) 217-5836
516 Taylor Hall
M-Th 2:30-5PM

Julie Thurlow
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(608) 262-4914
279 Nutritional Science
Tuesday 9-11AM

Learning Objectives: The purpose of this course is to provide a broad and coherent understanding of issues and incidence of malnutrition in the world. We explore the biology and physiology of human nutrition and examine the socio-economic factors that affect food consumption and human nutrition in different countries. We analyze the policies used to alleviate hunger and malnutrition around the world.

Required Texts:

Main Text for the Course

Leathers, Howard, with Phillips Foster. *The World Food Problem, Fifth Edition*,
Boulder: Lynn Reinner Publishers, Inc, 2016.
Papercopy ISBN: 978-1-62637-451-5
E-book ISBN: 978-1-62637-656-4.

Website:

https://rienner.com/title/The_World_Food_Problem_Toward_Understanding_and_Ending_Undernutrition_in_the_Developing_World_5th_edition

Required for Third Homework (UW Big Read for this year)

Desmond, Matthew. *Evicted: Poverty and Profit in the American City*, Picador, USA,
2016.
Papercopy ISBN: 978-0-553-44743-9
E-book ISBN: 978-1-62637-656-4.

Additional Readings will be assigned during the class. See the Learn@UW site for information.

Course Requirements and Grading:

- Attendance in classes and discussion sections is required. Most exam material will be comprised of material emphasized in class and discussion sections. Additionally, there will be short pop quizzes in the discussion sections.
- **Three exams** (no final exam): 75 percent of the final grade. The exams are given in 1125 Biochem during the class period. The exam dates are
 - **February 22**
 - **April 5**
 - **May 3**

- **Quizzes/Assignments:** 20 percent of the final grade (15 percent for assignments, 5 percent for quizzes). All assignments are due in discussion section. Emailed submissions will not be accepted. Late assignments receive a 5 percent deduction per day. Quizzes are completed in each discussion section. Make-up quizzes will not be permitted.
There are **three** assignments (each accounting for 5 percent of the final grade):
 - Assignment 1: “Defining and Measuring Malnutrition in the World”.** 5 percent of the final grade. Assignment due in discussion section during the period **February 8-10.**
 - Assignment 2:** African hunger and malnutrition as reported in an African newspaper, 5% of final grade. Assignment due in discussion section during the period **March 8-10.**
 - Assignment 3:** An evaluation of the book “Evicted”. 5 percent of the grade. Assignment due in discussion section during the period **April 19-21.**
- **Class Participation:** 5 percent of the final grade (based on quizzes and participation in section)
- **Grading:** A: 88-100; AB: 83-88; B: 78-82; BC: 73-77; C: 65-72; D: 57-64

COURSE ORGANIZATION

- **Introduction: The Incidence of Human Malnutrition in the World**
- **The Biology and Physiology of Malnutrition (5 weeks)**
 - L&F, Chapter. 3, 4, 5, 15
 - Additional reading: See the Learn@UW site
 - Topics:
 - Types of malnutrition: What happens to the malnourished body?
 - Protein-energy malnutrition
 - Micronutrient malnutrition
 - Effects of malnutrition on health at different stages of the life cycle
 - Case study: The Ugandan children’s project and child development
 - Refeeding
 - The nutrition transition and chronic disease
 - **Exam 1 on February 22**
- **Socio-Economics of Malnutrition (5 weeks)**
 - L&F, Chapters 1,2, 7-15
 - Additional reading: See the Learn@UW site
 - Topics:
 - Famines
 - Malnutrition status
 - Incidence of malnutrition around the world
 - Food supply and demand
 - Population growth
 - Regional differences
 - Income distribution
 - Technology and food supply
 - Malnutrition, health and productivity
 - **Exam 2 on April 5**

- **Alleviating Hunger and Malnutrition: Policy Options (5 weeks)**
 - L&F, Chapters 16-23
 - Additional reading: See the Learn@UW site
 - Topics:
 - Malnutrition as a motivation for policy intervention
 - Income redistribution
 - Population policy
 - Pricing policy
 - Food distribution
 - Regional differences
 - Prospects for the twenty-first century
 - **Exam 3 on May 3**

Teaching Assistants, Office Hours, Discussion Sections

Discussion Section

Allison Derrick	304	Fri 2:25-3:15pm; 38 Ag Hall
317 Taylor Hall	309	Fri 8:50-9:40am; 38 Ag Hall
aderrick@wisc.edu	310	Fri 9:55-10:45am; 38 Ag Hall
	312	Fri 1:20-2:10pm; 38 Ag Hall
Jordan Van Rijn	301	Wed 3:30-4:20pm; 119 Babcock Hall
306 Taylor Hall	306	Wed 4:35-5:25pm; 10 Ag Hall
vanrijn@wisc.edu	307	Fri 11:00-11:50am; 121 Babcock Hall
	308	Fri 9:55-10:45pm; 119 Babcock Hall
Cornelia Ilin	302	Wed 3:30-4:20pm; 38 Ag Hall
320 Taylor Hall	303	Fri 1:20-2:10pm; 10 Ag Hall
cilin@wisc.edu	305	Wed 4:35-5:25pm; 38 Ag Hall
	311	Fri 11:00-11:50am; 38 Ag Hall

Plagiarism: Plagiarism is a serious offense. All sources and assistance used in preparing your papers must be precisely and explicitly acknowledged. If you have any questions about what constitutes academic misconduct, please read the following information <http://students.wisc.edu/doso/acadintegrity.html> or come talk with me. Ignorance of what constitutes plagiarism or academic misconduct is not a defense. It is your responsibility to be sure. The web creates special risks. Cutting and pasting even a few words from a web page or paraphrasing material without a reference constitutes plagiarism. If you are not sure how to refer to something you find on the internet, you can always give the URL. It is generally better to quote than to paraphrase from material on the web, because in the absence of page numbers it can be hard to find passages that are paraphrased rather than quoted. For more information on writing and source citation, the following may be helpful <http://writing.wisc.edu/Handbook/Documentation.html>

Disabilities: Students are instructed to inform instructors early on if they need accommodations, preferably no later than the third week of classes.