



FARE*3250 Food and International Development

Fall 2020

Section(s): C01

Department of Food, Agricultural and Resource Economics

Credit Weight: 0.50

Version 1.00 - September 02, 2020

1 Course Details

1.1 Calendar Description

This course provides students with an economic perspective on issues in international development related to food, agriculture, and household behaviors. Different economic theories and approaches are used to understand various economic phenomena in the development context. Students are encouraged to consider critically an economic approach to the analysis of development issues related to food and agriculture, alongside the perspectives of other social science disciplines. Throughout the course, food and agriculture as development issues are considered primarily on a micro level, with a special focus on household behavior and decision-making.

Pre-Requisites: (FARE*1040 or ECON*1050), (FARE*1300 or ECON*1100)

1.2 Course Description

This course provides students with an economic and political perspective on issues in international development and globalization related to food and agriculture. Different economic theories and approaches are used to understand various economic phenomena in the development context. Especially, we will focus on theories of international development in the introductory lectures. Students are encouraged to consider critically an economic and empirical approaches to the analysis of development issues related to food and agriculture, alongside the perspectives of other social science disciplines. Throughout the course, food and agriculture as development issues are considered primarily. It examines the causes and consequences of food crisis, food insecurity, poverty, and malnutrition from the perspectives of developing countries. It discusses the potential solutions to these problems and looks at the role of globalization in mitigating these problems.

1.3 Timetable

Zoom Online Meeting on Tuesdays & Thursdays :10.00 – 11.20

Course Delivery: The course will be delivered online using the Zoom platform. The link to join the Zoom Meetings can be accessed through the CourseLink site. Zoom has been enabled as an add-on module in the CourseLink for the course. We will hold two 80-minute sessions weekly and each session will consist of two sub-sessions of 35 minutes each and 10 minutes break. During the lecture, students can use the Zoom Chat platform to ask questions and I will address them during the break. Before a session, I will upload a self-explained Latex-prepared slides covering each topic in the course outline.

1.4 Final Exam

No final exam

2 Instructional Support

2.1 Instructional Support Team

Instructor: Sylvanus kwaku Afesorgbor, PhD
Email: safesorg@uoguelph.ca
Office: Room 325, MacLachlan Building
Office Hours: Tuesdays and Thursdays, 2.30pm - 4.30pm (You can reach me via Microsoft Team or Email)

Teaching Assistants: TBA

Email Correspondence: Because of the Covid-19 pandemic and less personal contact hours, I aim to respond to all inquiries within 24 hours.

3 Learning Resources

3.1 Main Readings

Main Readings:

A). Required readings

1. Norton et al. (2015) . Economics of Agricultural Development: World Food Systems and Resource Use, 3rd edition. (NAM)

1. Todaro, M and Smith, S. (2015). Economic Development. 12th Edition, Pearson. (T&S)

B). Additional readings

1. Paarlberg, R., (2013). Food Politics. What Everyone Needs to Know, Second Edition, Oxford University Press. (PR)

1. Thirlwall, A.P and Pacheco-López, P. (2017). Economics of Development (10th Edition) Theory and Evidence, Red Globe Press. (T&P)

Note: The library has e-book copies of the Norton *et al.* (2015) and Paarlberg (1st edition), however, the library has only the hard copies of the Todaro & Smith, and Paarlberg (2nd edition) books on Course Reserve. The e-book and hard copies of the Todaro and Smith book are available in the University Bookstore for purchase. The links to the digital materials available to purchase from the University Bookstore are as follows:

(ACCESS CODE) 180-DAY EBOOK ECONOMICS DEVELOPMENT

https://www.campusebookstore.com/integration/AccessCodes/default.aspx?bookseller_id=247&Course=FA+180-Day+eBook&frame=YES&t=permalink

(ACCESS CODE) EBOOK ECONOMIC DEVELOPMENT (No Expiry)

https://www.campusebookstore.com/integration/AccessCodes/default.aspx?bookseller_id=247&Course=FA+No+Expiry+eBook&frame=YES&t=permalink

In addition to the required readings, a number of reports and journal articles will be used (see detailed course outline). These reports and articles will be uploaded on Courselink. The required readings can be obtained from the UoG Library and the additional reading can be purchased from the University bookshop. The required and additional readings are on course reserve in the Library.

4 Learning Outcomes

4.1 Course Learning Outcomes

By the end of this course, you should be able to:

1. 1. Analyze issues of food and agriculture using adequate theoretical frameworks of international development.
 2. Analyze the relationship between agricultural productivity (growth) and economic development
 3. Discuss the effects of different agri-food policies and apply theoretical insights to real-world situations
 4. Analyze national agri-food policies as related to development and globalization
 5. Determine the role of international trade in agricultural development
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5 Teaching and Learning Activities

5.1 Lecture

Topics:

Lecture Plan

#	Time	Topic	Literature
1.	September 10	<i>Introduction to the course</i> <i>World food problem and Malthusian crisis.</i>	a. NAM: Chapters 1&2. b. PR: Chapter 2
2	September 15	<i>Development theories and Classical theories of economic development</i>	a. T&S: Chapter 3 b. NAM: Chapter 6
3	September 17	<i>Agricultural transformation and rural development</i>	a. T&S: Chapter 9
4	September 22	<i>Economic transformation and growth</i>	a. NAM: Chapter 5

5	September 24	<i>Agricultural systems and their determinants</i>	a. NAM: Chapter 8
6	September 29	<i>Theories and strategies for agricultural development</i>	a. NAM: Chapter 11
7	October 2	<i>Economics of food demand</i>	a. NAM: Chapter 3 b. Colen <i>etal.</i> (2018)
8	October 6	<i>Food crises and price spikes</i>	a. Headey & Fan (2008) b. PR: Chapter 3
-	October 8	Mid-term exam 1	
-	October 13	<i>Fall break</i>	Fall break

9	October 15	<i>Hunger and malnutrition: concepts and measurement</i>	a. PR: Chapter 4 b. NAM: Chapter 2
10	October 20	<i>Food security: concepts and measurement</i>	a. Barrett (2009) b. FAO (2003): Chapter 2
11	October 22	<i>Writing economic report, by TA</i>	a. Afesorgbor (2018) FareShare article
12	October 27	<i>Guest Lecture: Learning & Curriculum Support on Writing Economic Report by: Jackie Kreller- Vanderkooy</i>	
13	October 24	<i>Information on group presentation</i>	
14	October 29	<i>Globalization and food security</i>	a. FAO (2003): Chapter 7

			b. IFPRI (2018).
15	November 3	<i>Food aid and agricultural development assistance</i>	a. Abdulai et al. (2005) b. PR: Chapter 5
16	November 5	<i>Trade Policy and agriculture</i>	a. NAM: Chapter 16
-	November 10	Mid-term exam 2	
17	November 12	<i>Food safety and genetically modified food</i>	a. PR: Chapter 13
18	November 17	<i>Organic and local food</i>	a. PR: Chapter 12
19	November 19	<i>Agriculture and the environment</i>	a. PR: Chapter 8 b. T&S: Chapter 10

20	November 24	<i>Obesity: Measurement, causes and consequences</i>	a. PR: Chapter 7
-	November 26	<i>Group Presentations</i>	Covid-19 and the Canadian agriculture and food sectors
-	December 1	<i>Group Presentations</i>	Covid-19 and the Canadian agriculture and food sectors
-	December 3	Late Mid-term	

Note: NAM is Norton et al. (2015), PR is Paarlberg (2013), and T&S is Todaro and Smith (2015)

TOPICAL OUTLINE:

1. World Food Problem and Malthusian Crisis:

- Norton *et al.* (2015) *Economics of Agricultural Development: World Food Systems and Resource Use*, 3rd edition. Chapters 1 and 2
- Paarlberg, Robert, (2013). *Food Politics. What Everyone Needs to Know*, Second Edition, Oxford University Press. Chapter 2.

1. Development theories and classical theories of economic development

- Todaro, M and Smith, S. (2015). Economic Development. 12th Edition, Pearson. Chapter 3
- Norton *et al.* (2015). Economics of Agricultural Development: World Food Systems and Resource Use, 3rd edition. Chapter 5

1. Agricultural transformation and rural development

- Todaro, M and Smith, S. (2015). Economic Development. 12th Edition, Pearson. Chapter 9

1. Economic transformation and growth

- Norton *et al.* (2015). Economics of Agricultural Development: World Food Systems and Resource Use, 3rd edition. Chapter 5: Economic Transformation and Growth

1. Agricultural systems and their determinants

- Norton *et al.* (2015). Economics of Agricultural Development: World Food Systems and Resource Use, 3rd edition. Chapter 8: Agricultural systems and their determinants

1. Theories and strategies for agricultural development

- Norton *et al.* (2015). Economics of Agricultural Development: World Food Systems

and Resource Use, 3rd edition. Chapter 11: Theories and Strategies for Agricultural Development

1. **Economics of food demand**

- Norton *et al.* (2015). *Economics of Agricultural Development: World Food Systems and Resource Use*, 3rd edition. Chapter 3: *Economics of Food Demand*
- Colen, L., Melo, P. C., Abdul-Salam, Y., Roberts, D., Mary, S., & Paloma, S. G. Y. (2018). Income elasticities for food, calories and nutrients across Africa: A meta-analysis. *Food Policy*, 77, 116-132.

1. **Food crises and food price spikes**

- Headey, D., & Fan, S. (2008). Anatomy of a crisis: the causes and consequences of surging food prices. *Agricultural economics*, 39, 375-391.
- Paalberg, Robert, (2013). *Food Politics. What Everyone Needs to Know*, Second Edition, Oxford University Press. Chapter 3: The Politics of High Food Prices

1. **Hunger, Famine and Malnutrition: Concepts and Measurements**

- Norton *et al.* (2015). *Economics of Agricultural Development: World Food Systems and Resource Use*, 3rd edition. Chapter 2: *Poverty, Hunger and Malnutrition*
- Paalberg, Robert, (2013). *Food Politics. What Everyone Needs to Know*, Second

Edition, Oxford University Press. Chapter 3: *The Politics of Chronic Hunger and Famine*

- Shetty, P. (2006). Malnutrition and undernutrition. *Medicine*, 34(12), 524-529.

1. Food Security: Concepts and Measurements

- Christopher B. Barrett and Erin C. Lentz, (2009) "Food Insecurity," In Robert Denemark *et al.*, editors, *The International Studies Compendium Project*, (Oxford, UK: Wiley-Blackwell)
[.http://barrett.dyson.cornell.edu/Papers/Barrett,%20Lentz_Food%20Insecurity_June%202009%20fir](http://barrett.dyson.cornell.edu/Papers/Barrett,%20Lentz_Food%20Insecurity_June%202009%20fir)
- FAO (2003). Trade reforms and food security: Conceptualizing the Linkages. Food and Agriculture Organization. Chapter 2: *Food Security: Concepts and Measurements*
<http://www.fao.org/3/a-y4671e.pdf>
- Burchi, F., & De Muro, P. (2016). From food availability to nutritional capabilities: Advancing food security analysis. *Food Policy*, 60, 10-19.

1. Writing Economic Report

- Afesorgbor (2018). Economic Sanctions and Food Insecurity. FAREShare Article.

1. Globalization and Food Security

- IFPRI (2018). Global Food Policy Report. International Food Policy Research Institute Chapter 3: The Free Flow of Goods and Food Security and Nutrition
<http://www.ifpri.org/publication/2018-global-food-policy-report>

- FAO (2003). Trade reforms and food security: Conceptualizing the Linkages. Food and Agriculture Organization. Chapter 7: Globalization and the traditional role of agriculture

1. Food Aid, Agricultural Development Assistance and Green Revolution

- Abdulai, A., Barrett, C. B., & Hoddinott, J. (2005). Does food aid really have disincentive effects? New evidence from sub-Saharan Africa. *World Development*, 33(10), 1689-1704.
- Paalberg, Robert, (2013). *Food Politics. What Everyone Needs to Know*, Second Edition, Oxford University Press. Chapter 5: *Food Aid and Agricultural Development Assistance*
- Paalberg, Robert, (2013). *Food Politics. What Everyone Needs to Know*, Second Edition, Oxford University Press. Chapter 6: *Green Revolution Controversy*

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1. Trade Policy and Agriculture

- Norton *et al.* (2015). *Economics of Agricultural Development: World Food Systems and Resource Use*, 3rd edition. Chapter 16: *Agriculture and International Trade*

1. Food Safety and GMO

- Paalberg, Robert, (2013). *Food Politics. What Everyone Needs to Know*, Second

Edition, Oxford University Press. Chapter 13: Food Safety and Genetically Engineered Food

1. Organic and Local Food

- Paalberg, Robert, (2013). Food Politics. What Everyone Needs to Know, Second Edition, Oxford University Press. Chapter 12: *Organic and Local Food*

1. Agriculture, Environment and Development

- Paalberg, Robert, (2013). Food Politics. What Everyone Needs to Know, Second Edition, Oxford University Press. Chapter 9: *Farming, the Environment, Climate Change and Water*
- Todaro, M and Smith, S. (2015). Economic Development. 12th Edition, Pearson. Chapter 10

1. Obesity: Measurement, Causes and Consequences

- Paalberg, Robert, (2013). Food Politics. What Everyone Needs to Know, Second Edition, Oxford University Press. Chapter 7: *The Politics of Obesity*

1. Group Presentations: Covid-19 and the Canadian agriculture and food sectors

- Canadian Journal of Agricultural Economics Special Issue, Volume 68, issue 2
<https://onlinelibrary.wiley.com/toc/17447976/2020/68/2>

6 Assessments

6.1 Marking Schemes & Distributions

Forms of evaluation	Percentage of final grade	Date/deadlines
Mid-term exam 1	20%	October 8
Mid-term exam 2	20%	November 10
Written-economic report	20%	November 27
Group Presentations	10%	November 26 & December 1
Late Mid-term	30%	December 3

Additional information:

A). Mid-term

The late mid-term will be a 1.30 hours which I will upload at 10.00am on CourseLink and you will submit it at 11.30am same day. The other mid-term exams will take one hour. The mid-term exams will take an open-book format.

B). Group Presentation

The group presentation will be done in group of 4-5 students. The group will submit a 15-minute recorded presentation using a Voice-Over MS PowerPoint tool with every group member contributing to the presentation. The topic for each presentation will be chosen from the *Canadian Journal of Agricultural Economics, Volume 68, Issue 2* on **COVID-19 and the Canadian Agricultural and Food Sectors**. Each presentation will be played in a live virtual session in class and the members of the group must be available to answer any questions from the rest of the class.

7 Course Statements

7.1 Grading Policies

Deadlines: All deadlines are firm. Unless documentary evidence is provided, all late submissions will be penalized with a lower grade (see statement on late penalty). Policy on Review of Awarded Marks: You should be aware that, if you request a review of the mark awarded for any element of the evaluation, the review could result in your mark being revised either upwards or downwards or remain the same. Problems with assignment marks **must be** discussed with the TA first, and then if necessary, with the instructor during office hours. Requests for reviews must be in writing explicitly outlining the rationale for the review and submitted **within one week** after return of the graded work.

7.2 Late Penalty

Late submissions will be penalized at a rate of five percentage points (5%) deduction from your mark for that assignment per day, including weekends and holidays. Extensions of any deadlines will be given only in the most exceptional circumstances on medical or compassionate grounds. Appropriate documentation will be required in these cases.

7.3 Review of Marks

You should be aware that, if you request a review of the mark awarded for any element of the evaluation, the review could result in your mark being revised either upwards, downwards or no change.

8 University Statements

8.1 Email Communication

As per university regulations, all students are required to check their e-mail account regularly: e-mail is the official route of communication between the University and its students.

8.2 When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. The grounds for Academic Consideration are detailed in the Undergraduate and Graduate Calendars.

Undergraduate Calendar - Academic Consideration and Appeals

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml>

Graduate Calendar - Grounds for Academic Consideration

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions

<https://www.uoguelph.ca/registrar/calendars/diploma/current/index.shtml>

8.3 Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all students (undergraduate, graduate and diploma) except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in their respective Academic Calendars.

Undergraduate Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml>

Graduate Calendar - Registration Changes

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/genreg-reg->

regchg.shtml

Associate Diploma Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/diploma/current/c08/c08-drop.shtml>

8.4 Copies of Out-of-class Assignments

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

8.5 Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

Use of the SAS Exam Centre requires students to book their exams at least 7 days in advance and not later than the 40th Class Day.

For Guelph students, information can be found on the SAS website

<https://www.uoguelph.ca/sas>

For Ridgetown students, information can be found on the Ridgetown SAS website

<https://www.ridgetownc.com/services/accessibilityservices.cfm>

8.6 Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity, and it is the responsibility of all members of the University community—faculty, staff, and students—to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff, and students have the responsibility of supporting an environment that encourages academic integrity. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

Undergraduate Calendar - Academic Misconduct

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml>

Graduate Calendar - Academic Misconduct

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

8.7 Recording of Materials

Presentations that are made in relation to course work - including lectures - cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

8.8 Resources

The Academic Calendars are the source of information about the University of Guelph's procedures, policies, and regulations that apply to undergraduate, graduate, and diploma programs.

Academic Calendars

<https://www.uoguelph.ca/academics/calendars>

8.9 Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings and academic schedules. Any such changes will be announced via CourseLink and/or class email. All University-wide decisions will be posted on the COVID-19 website (<https://news.uoguelph.ca/2019-novel-coronavirus-information/>) and circulated by email.

8.10 Illness

The University will not require verification of illness (doctor's notes) for the fall 2020 or winter 2021 semesters.
