

FOS/HUN 6936  
Global Nutrition  
Fall 2021

- Instructor:** Juan E. Andrade Laborde, Ph.D. (aka, Dr.A.)  
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E-mail: [jandrade2@ufl.edu](mailto:jandrade2@ufl.edu) (best method of contact)
- Office hours:** By appointment only
- Class Time/Place:** Mondays: Period 6 (12:50 PM - 1:40 PM) at [TUR 2305](#)  
Wednesdays: Period 6 - 7 (12:50 PM - 2:45 PM) at [APL 101](#)
- Credits** 3 credit hours
- Course Reading:** Lecture notes, primary literature, government, NGO's and institutions reports, media reports (written and electronic)
- Prerequisites:** Basic knowledge of nutrition and its relationship with disease.
- Course Etiquette:**
- Attendance and an active/non-disruptive participation is expected
  - Cellular phones should be turned to silent or off when entering the classroom. No texting during class. Students will be asked to leave the classroom, if caught texting.
  - Computers are allowed during class for the sole purpose of taking notes. Both noisy typing skills and keyboards are not welcomed in class. All other electronic devices should be turned off.
  - Class sessions begin at the time specified. If you come in late, please take your seat quietly. Most class sessions will run the full time. Please, do not disrupt the class by arriving late or leaving early.
  - Talking in class is disruptive. Please be respectful of the instructors and your fellow classmates and refrain from side conversations during class.
- E-mailing**
- All correspondence should be via E-mail.
  - When you send an email to your instructor, you should start the subject line using HUN2201- [your subject].
  - Please be brief and avoid attachments unless you are sure your recipients can open them.
  - Sign your message with your name and return e-mail address.
  - Be sure you REALLY want everyone to receive your response when you click, "Reply All."
  - Be sure that the message author intended for the information to be passed along before you click the "FORWARD" button.

## CLASS OBJECTIVES, LEARNING OUTCOMES, ACTIVITIES, GRADING AND SCHEDULE

### I. Course Objectives and Content.

This course presents current nutritional problems influencing the health and livelihood of populations in low-income countries. It examines local and global dimensions of malnutrition (over- and undernutrition), food and nutrition security, and micronutrient deficiencies, along with approaches implemented at the household, community, national, and global levels to improve nutritional status. Students will be encouraged to participate at all times. They will engage in a series of class activities, discussions, and presentations. Main topics:

- *Overview of global nutrition.* Overview of the world nutrition situation in relation to other critical issues of common interest: food supply, poverty, population growth, water and other environmental issues, and the Sustainable Development Goals.
- *Health and nutrition.* Discussion of major nutritional issues of global concern, assessment, and approaches to address them.
- *Nutrition specific vs. sensitive strategies.* Overview of current strategies addressing food and nutrition insecurity in low-resource settings, food security, nutrition security, post-harvest technology, and gender issues associated with them.

### II. Student Learning Objectives.

*At the end of the course the students will:*

- Increase their declarative knowledge of global nutrition issues such as food security, nutrition security, protein/energy malnutrition, micronutrient malnutrition, hunger, famine, poverty, among others.
- Obtain an updated overview of the nutritional issues challenging our World today, and regional trends in nutritional indicators.
- Gain a basic and applied understanding of protein/energy and micronutrient malnutrition, their causes, consequences and approaches to address them.
- Be able to interpret and apply basic nutrition concepts to critically appraise the impact of current initiatives/programs/policies aimed at improving the nutritional health of communities in low-income countries.
- Understand and visualize the interactions and linkages between nutrition, agriculture and health, especially in low-resource settings.
- Obtain an increased awareness of the interconnected nature of nutrition with other major issues in low-income countries.
- Gain a deeper understanding of the constraints and opportunities to access desirable foods globally, especially in low-resource settings.

### III. Brief Description of Course Dynamics and Activities.

The course comprises lectures, discussions, presentations and individual studies. Group discussions guided by the faculty highlight ongoing research, debated and relevant articles. A group project is assigned as an educational tool to delve deeper in current initiatives/programs/policies, their goals, justification, achievements, impacts and needs for improvement.

1. **Lectures.** Dr. Andrade will present information that will serve as starting point for class discussions and student projects. The objective is to bring current knowledge on specific aspects of global nutrition to build upon for later discussion.
2. **Class discussions.** Students will participate in class discussions associated with the lectures, country profile assignments, and initiative/program/policy related presentations.
3. **Presentations.** Students will work individually and in groups and will present:
  - 1) the nutrition profile of a country (individual x 1);
  - 2) a short description of an initiative/program/policy (2 x group), and;
  - 3) a final, detailed description of the chosen initiative/program/policy (1 x group).
4. **Country initiative/program/policy project.** Students will submit a short report (3 pages, font 11-12, 1-inch margins, single space, third person) answering the questions proposed for this activity as a group. Then, each student will submit a 1-page reflective essay (similar format as described before, but in first person) including: 1) your thoughts about your group's initiative/program/policy; 2) information collected through the course; and 3) answers/view changes/paradigm shifts from instructor/peer comments/questions collected on the day of your presentation. You should include all these three aspects to receive full points.
5. **Online Quizzes.** Students will have 1 hour to complete quizzes online (unless indicated otherwise). Quizzes will be available within one week before a new topic starts. Quizzes will be open book and will cover material discussed in previous class and ahead of class (*See information on Canvas*).
6. **Individual Assignments.** Students will complete online assignments associated with material covered in class or soon to be covered in class.

**[Information for all individual and group activities, and their evaluation will be posted on Canvas. VISIT OUR COURSE PAGE FREQUENTLY.](#)**

#### IV. Student Evaluation.

Your final grade will be computed from your performance on the following activities (out of 500 pts):

Activity	Output number	Delivery	Type	% Grade	Points
Initiative/program/policy overview 1	1	Presentation	Group	10	50
Initiative/program/policy overview 2	1	Presentation	Group	10	50
Initiative/program/policy Final Description	1	Presentation	Group	10	50
Initiative/program/policy Report	1	Paper	Group	10	50
Reflection essay	1	Paper	Individual	10	50
Nutrition country profile	1	Presentation	Individual	10	50
Assignments (20   20   40 points)	3	Online	Individual	16	80
Quizzes	12	Online	Individual	24	120
<b>Group= 40% points   Individual= 60% points</b>			<b>TOTAL</b>	<b>100</b>	<b>500</b>

## Grade conversion

You will receive a letter grade for this course, and pluses (+) and minuses (–) will be part of the grade. There will not be any extra points in this class. If your grade is 89.5 this will be rounded to 90. If it is 89.4, it will be rounded to 89 (NO exemptions).

## Grade Letter and Number Scale

Percent	Grade	Grade Points	Percent	Grade	Grade Points
90.0 - 100.0	A	4.00	72.0 – 74.9	C	2.00
87.0 - 89.9	A-	3.67	69.0 - 71.9	C-	1.67
84.0 - 86.9	B+	3.33	66.0 - 68.9	D+	1.33
81.0 – 83.9	B	3.00	63.0 - 65.9	D	1.00
78.0 - 80.9	B-	2.67	60.0 - 62.9	D-	0.67
75.0 - 79.9	C+	2.33	0 - 59.9	E	0.0

More information on UF grading policy may be found at: [UF Graduate Catalog](#) ; [Grades and Grading Policies](#)

## V. COURSE POLICIES

### Absences and Make-Up Work

Requirements for class attendance and make-up work are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

### Late Policy

Students are expected to submit all assignments on time. Assignments will be collected via Canvas or in class. Assignments not turned on or before the deadline will be subject to a “late” penalty corresponding to a 10% deduction of the maximum number of points of the assignment for every day it is late.

### Email

Throughout the semester, your instructor may communicate important information to the class members via e-mail. Importantly, the e-mail address on file with UF (@ufl.edu) will be used for all communications. Forward any other e-mail accounts (Gmail, etc.) to your UF account. When in doubt, use the email system on Canvas to communicate with the instructor.

### Academic Integrity

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”*

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g., assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that

facilitates academic misconduct to appropriate personnel. It is your sole responsibility to know and comply with all University policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

### **Recording in class**

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session. Publication without permission of the instructor is prohibited.

To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

### **Online Course Evaluation Process**

Student assessment of instruction is an important part of efforts to improve teaching and learning. Before the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at: <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email, they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at: <https://gatorevals.aa.ufl.edu/public-results/>.

### **Software Use**

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

## Services for Students with Disabilities

The [Disability Resource Center](#) coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services, and mediating faculty-student disability-related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. The Office is located at 0001 Reid Hall, 352-392-8565.

## Campus Helping Resources

UF is dedicated to supporting students in their academic success and overall well-being. Life can get difficult at times, especially while in college. Many students are faced with stressors and challenges that begin to impact their success as a student. These stressors have many shapes and forms (e.g., financial, family issues, etc.) and arrive at different stages of our lives. [The U Matter, We Care Initiative](#) aims at assisting the community with: i) care-related resources and programs focused on health, safety, and holistic well-being; ii) finding an appropriate network of support education and training; iii) access to tools for helping faculty staff and family members help students; and iv) several pathways to get involved with the initiative. Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize any of the many University's counseling resources.

- **Counseling and Wellness Center.** The [Counseling & Wellness Center](#) provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.
- **Career Connection Center.** The [Career Connection Center](#) educates and creates connections for the University of Florida community in order to facilitate the holistic career development of students. First Floor JWRU, 392-1601
- **The Office of Victim Services.** A victim advocate is available 24-hours, 7 days a week through the [University of Florida Police Department's](#) Dispatch Center at 352-392-1111. Victims may also contact an advocate directly during weekdays (Monday-Friday) between 8:00 a.m. and 5:00 p.m. by calling 352-392-5648. You can also write or e-mail the department's advocates at [ovs@mail.ufl.edu](mailto:ovs@mail.ufl.edu). All services are free and confidential.
- **University Police Department.** For emergencies ALWAYS dial 9-1-1. For non-emergencies dial 352-392-1111. For more information, visit: <https://police.ufl.edu/>
- **E-learning technical support** 352-392-4357 (select option 2) or email to [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu). For more information, visit: <https://elearning.ufl.edu/>
- **Library Support:** Ask the librarian for support at <https://cms.uflib.ufl.edu/ask>
- **Student Complaints.** UF believes strongly in the ability of students to express concerns regarding their experiences at the University. The University encourages its students who wish to file a written complaint to submit that complaint directly to the department that manages that policy. A student who is unsure as to the official responsible for handling his or her particular complaint may contact the [Office of the Ombuds](#) or the [Dean of Students Office](#).

**VI. Class Schedule**

Date	Meeting Times	Activity	Notes
Monday August, 23	1	Introductions, discussion of class activities, grading and expectations: Country assignments, Group assignments Current & Emerging Issues in Global Nutrition <b>Assignment 1 (Crossword)- Due on 8/27 11 PM</b>	Dr. Andrade will lead the discussion
Wednesday August, 25	2	Overview... / Nutrition and Growth, anthropometrics Class activity	Dr. Andrade will lead the discussion
Monday August, 30	3	Nutrition and Growth, anthropometrics (Practice) Class activity <b>Assignment 2 (country profile report)- Due on the date of your presentation</b>	Dr. Andrade will lead the discussion
Wednesday Sept., 1	4	Protein Energy Malnutrition <b>Online Quiz 1</b> Country profiles (1-4)	Dr. Andrade will lead the discussion Student Micro-presentations
Monday Sept., 6		LABOR DAY No Classes	
Wednesday Sept., 8	5	Protein Energy Malnutrition Country profiles (5-8)	Dr. Andrade will lead the discussion Student Micro-presentations
Monday Sept., 13	6	Online - Maternal Nutrition <b>Online Quiz 2</b>	Dr. Andrade Zoom recorded
Wednesday Sept., 15	7	Online - Micronutrient malnutrition: Iron	Dr. Andrade Zoom recorded
Monday Sept., 20	8	Online - Micronutrient malnutrition: Iron <b>Online Quiz 3</b>	Dr. Andrade will lead the discussion
Wednesday Sept., 22	9	Micronutrient malnutrition: iron/Zinc Country profiles (9-11)	Dr. Andrade will lead the discussion Student Micro-presentations
Monday Sept., 27	10	Micronutrient malnutrition: Zinc <b>Online Quiz 4</b>	Dr. Andrade will lead the discussion
Wednesday Sept., 29	11	Initiative/Program/Policy Short Descriptions I (All Groups) Micronutrient malnutrition: Iodine	Dr. Andrade will lead the discussion Student short presentations (all groups)
Monday October, 4	12	Micronutrient malnutrition: Iodine <b>Online Quiz 5</b>	Dr. Andrade will lead the discussion

		<b>Assignment 3 (Country assistance)- Due on 10/8 11 PM (available for 1 month)</b>	
<b>Wednesday</b> October, 6	13	Micronutrient malnutrition: Vitamin A	Dr. Andrade will lead the discussion
<b>Monday</b> October, 11	14	Micronutrient malnutrition: Vitamin A <b>Online Quiz 6</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> October, 13	15	Micronutrient malnutrition: Folic Acid	Dr. Andrade will lead the discussion
<b>Monday</b> October, 18	16	Micronutrient malnutrition: Emerging deficiencies Class discussion <b>Online Quiz 7</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> October, 20	17	Initiative/Program/Policy Short Descriptions II (All groups) Micronutrient malnutrition: Folic Acid	Dr. Andrade will lead the discussion Student short presentations (all groups)
<b>Monday</b> October, 25	18	MDGs and SDGs Class activity <b>Online Quiz 8</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> October, 27	19	Nutrition Programs: Sensitive vs. Specific US Food Aid programs	Dr. Andrade will lead the discussion
<b>Monday</b> November, 1	20	Nutrition Programs: Sensitive vs. Specific US Food Aid programs Class activity <b>Online Quiz 9</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> November, 3	21	Nutrition Programs: Sensitive vs. Specific Fortification programs	Dr. Andrade will lead the discussion
<b>Monday</b> November, 8	22	Nutrition Programs: Sensitive vs. Specific Fortification programs <b>Online Quiz 10</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> November, 10	23	Nutrition Programs: Sensitive vs. Specific Breastfeeding and Complementary feeding Programs	Dr. Andrade will lead the discussion
<b>Monday</b> November, 15	24	Nutrition Programs: Sensitive vs. Specific Agricultural-based programs <b>Online Quiz 11</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> November, 17	25	Nutrition Programs: Sensitive vs. Specific Agricultural-based programs	Dr. Andrade will lead the discussion
<b>Monday</b> November, 22	26	Nutrition Programs: Sensitive vs. Specific WASH Programs <b>Online Quiz 12</b>	Dr. Andrade will lead the discussion
<b>Wednesday</b> November, 24		THANKS GIVING FROM NOVEMBER 24-27 NO CLASSES	
<b>Monday</b> November, 29	27	Nutrition Transition and Chronic disease Group written project DUE TODAY	Dr. Andrade will lead the discussion



<b>Wednesday</b> December, 1	28	Initiative/Program/Policy Final Student presentations (All Groups) Final REPORT DUE (All Groups)	Student group leads class discussion Rest of class fill out evaluation sheet
<b>Monday</b> December, 6	29	Submit individual reflection from Group Work FINAL OPEN DISCUSSION	Students lead class discussion