

**UF/IFAS Food and Resource Economics Department**

**GRADUATE STUDENT HANDBOOK**

**Summer 2022 | Fall 2022 | Spring 2023**

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## Welcome!

The Food and Resource Economics Department's (FRED) graduate degree programs are rigorous and challenging and provide excellent preparation for successful careers. Graduate School is one of the most exciting experiences of your life; the professional relationships and friendships created during your stay here will be with you forever. The faculty and staff in FRED take great pride in our commitment to education; our students are our priority. We work hard to maintain a warm and welcoming community where students, staff, and faculty feel as if they are part of a large family. We are a diverse group, but we share many commonalities.

The purpose of this handbook is to serve as a guide, *in conjunction with* the University of Florida Graduate Catalog and UF Graduate Student handbook, to assist graduate students regarding policies and procedures related to the Department, Graduate School, and University. Every attempt has been made to publish correct information and include as much pertinent information as possible in the FRED Graduate Student handbook, without being overwhelming or redundant.

None of the policies described in this handbook are meant to contradict the [UF Graduate Catalog](#), which is the **official primary resource** of all current information on graduate school policies and procedures. The UF Graduate Catalog supersedes all other publications related to Graduate School policies, procedures, and regulations, and students are strongly encouraged to read it and keep a copy for reference.

Each student is responsible for becoming informed and observing all program regulations and procedures, as well as becoming familiar with UF Graduate Catalog general regulations and requirements, the requirements of the academic unit, and the student's specific degree program. When in doubt about anything related to your program, or anything you read in this handbook, or any other policy or procedure, never guess; consult with the Graduate Program office. We will find the answer. Our door is *always* open to our students!

## Brief History of UF/IFAS Food and Resource Economics

The University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS) is a federal-state-county partnership dedicated to developing knowledge in agriculture, human and natural resources, and the life sciences. UF/IFAS fulfills the university's land grant mission – working to enhance and sustain the quality of human life through its research facilities, Extension services offered in every Florida county, and top-ranked education at the UF College of Agricultural and Life Sciences. These endeavors combined contributed \$149.6 billion to the state economy in 2018. From that figure, UF/IFAS specifically contributed \$458 million.

In addition, research, teaching, and Extension efforts help sustain and support 15,000 jobs across the state. Specifically, UF/IFAS employs more than 2,000 faculty and staff statewide, including 375 extension agents. These professionals work from UF/IFAS offices in each of Florida's 67 counties, as well as at the UF main campus in Gainesville.

UF/IFAS traces its roots to the Morrill Act of 1862, which established the land-grant university system. The new piece of legislation introduced by U.S. Representative Justin Smith Morrill of Vermont granted each state 30,000 acres of public land for each senator and representative under apportionment based on the 1860 census. Investments from the proceeds from the sale of these lands enabled a perpetual endowment fund that would provide support for colleges of agriculture and mechanical arts in each of the states. The establishment of Florida Agricultural College at Lake City in 1884 under the Morrill Act marked the beginning of what became the College of Agriculture of the University of Florida in 1906.

The discipline of Agricultural Economics has existed on the UF campus since the arrival of Dr. J.E. Turlington from Cornell University. Dr. Turlington, while trained as an agricultural economist, became Head of the department of Agricultural Education in 1914, and in 1916 became Head of Agronomy and Agricultural Engineering. He also became Head of the newly created Department of Agricultural Economics in the teaching college in 1926. That same year saw the creation of the Department of Agricultural Economics in the Agricultural Experiment Station. By 1934, the two formal agricultural economics departments merged into one. **The Department celebrates its Centennial in 2026!**

The Department participates in a full range of research, extension, and teaching programs in a wide variety of areas including Agricultural Marketing and Policy, Production, Farm Management, Community and Regional Development, International Trade and Development, Marine Economics, Natural Resource and Environmental Economics, and Labor Economics. Faculty in the department serve as members and chairs of key committees for Deans, Vice Presidents, and University Presidents and present testimony on various issues before the US Congress and Florida Legislature as well as local and state agencies, trade groups, and businesses, on various economic problems affecting Florida agriculture.

FRED faculty & graduate students have engaged in various development projects in Latin America and the Caribbean as well as Europe, Asia, and Africa, involved in making analyses and recommendations for expanding food supplies and improving efficiency in their agricultural economies. They have garnered a significant number of awards at the college, university, regional and national levels, and have developed international reputations. Our research and extension efforts reflect both the needs of the State and the mission of the Agricultural Economics profession.

# The Graduate Degree Programs

## Master of Agribusiness (MAB)

- Online professional master's program, **admission summer B term only**
- 30 credit hours, non-thesis
- Designed for those with no academic background in economics or agricultural economics
- BA/BS, 3.0 upper division, "B" grades in Financial Accounting, Management, Microeconomics

### Curriculum

- Summer B
  - AEB 5516 Quantitative Methods in Agribusiness (3)
  - AEB 5757 Strategic Agribusiness Human Resource Management (3)
- Fall
  - AEB 5188 Economics of Agribusiness Decisions (3)
  - AEB 5326 Agricultural Financial Management (3)
  - AEB 6183 Agribusiness Risk Management (3)
- Spring
  - AEB 6301 Food Wholesale and Retail Marketing (3)
  - AEB 6385 Management Strategies for Agribusiness Firms (3)
  - AEB 6675 International Agribusiness Marketing (3)
- Any term
  - Elective (3)
  - AEB 6942 Advanced Applications in Agribusiness Experience (3)  
(see information on Professional Capstone Requirement in handbook)

### Health Insurance & Immunization

- MAB students are exempt from the health insurance fees and immunization requirements.

### Plan of study

- Purpose: serves as a guide to the student's planned coursework, due midpoint of second term.
- Due: midpoint of the second term in the program.
- Jess will send out the forms in the students' first semester.

### Registration

- There are two sections for each course taught in the MAB curriculum; one for students enrolled in the MAB and one for all other students.
- Courses restricted to MAB students are under department control (DEPX) and students will be registered by the Graduate Office.

### Minor

- 6 credit hours determined by minor department, letter-graded (no S/U), 3.0 overall in minor.
- A faculty member in the minor department must be assigned to the student's committee

### Supervisory Committee

- Purpose: to guide, inform, and counsel; to recommend/approve elective(s); to discuss and approve the Professional Capstone Requirement, to review progress of courses and grades, and oversee and grade final oral presentation and paper.
- Members: one from FRED, also serves as chair. Must be appointed by end of first semester.

## Preparing for Graduation

- Final term registration; minimum 3 hours in fall/spring, two in summer.
- Apply for the degree via ONE.UF, review [UF commencement information](#).
- Minimum 30 credit hours and 3.0 (truncated) major and overall GPA by end of term.
- Log onto GIMS to verify degree program, minor if applicable, and committee information.
- Completion of final presentation (meets the final oral exam requirement)
- MAB final presentations are conducted via zoom and the committee chair is not required to be in the same physical location, but the Chair must be present for the examination.
- Submission of final paper (meets the grade requirement for AEB 6942).

## Master of Science, Concentration in Agribusiness (MSAB)

- On-campus program, **admission fall-term only**
- 30 credit hours, non-thesis
- Designed for individuals with a background in economics or agricultural economics
- BA/BS, 3.0 upper division, 300 GRE w/145 quantitative, "B" grades in Financial Accounting, Management, Marketing, Stats, Calculus, Econometrics, & Intermediate or Advanced Ag Micro

### Curriculum

- Fall
  - AEB 6106 Microeconomic Principles and Analysis (3)
  - AEB 6817 Survey Research Methods for Economists (3)
  - STA 6166 Statistical Methods in Research I (3)
- Spring
  - AEB 6225 Public Policy and the Agribusiness Firm (3) (Online)
  - AEB 6385 Management Strategies for Agribusiness Firms (3) (Online)
  - AEB 6553 Elements of Econometrics (3)
- Summer
  - AEB 6942 Advanced Applications in Agribusiness Experience (3)  
(see information on Professional Capstone Requirement in handbook)
- Fall
  - AEB 6183 Agribusiness Risk Management (3) (Online)
  - Electives (6)

### Minor

- 6 credit hours determined by minor department, letter-graded (no S/U), 3.0 overall in minor.
- A faculty member in the minor department must be assigned to the student's committee.

### Plan of study

- Purpose: serves as a guide to the student's planned coursework, due midpoint of second term.
- Due: by end of first term in the program.
- Jess will send out the forms in the students' first semester.

### Supervisory Committee

- Purpose: to guide, inform, and counsel; to recommend/approve elective(s); to discuss and approve the internship or capstone project, to review progress of courses and grades, and oversee and grade final oral presentation and paper
- Members: one from FRED, also serves as chair. Must be appointed by end of first term

### Preparing for Graduation

- Final term registration; minimum 3 hours in fall/spring, two in summer.
- Apply for the degree via ONE.UF, review [UF commencement information](#).
- Minimum 30 credit hours and 3.0 (truncated) major and overall GPA by end of term.
- Log onto GIMS to verify degree program, minor if applicable, and committee information.
- Completion of final presentation (meets the final oral exam requirement)
- MSAB students have the option to present either in person or online. When conducted in person, the major professor should be in the same physical location; when conducted online, the student and Chair need not to be in the same physical location, but the Chair must be present for the examination.
- Submission of final paper (meets the grade requirement for AEB 6942).



## Professional Capstone Requirement for the Graduate Agribusiness Programs

The Professional Capstone Requirement (PCR) consists of an internship or special project, each of which is intended to provide a professional learning experience that offers meaningful, practical work related to a student's field of study or career goals.

- Objectives:
  - Improve skills and knowledge in current or prospective vocation.
  - Provide opportunity for learning experience relevant to the degree.
  - Independently explore fields of interest.
  - Assist in forming and achieving career goals.
  - Prepare for employment through field training and professional experiences.
  - Prepare for promotion through new and enhanced professional experiences.
- Process for preparation and approval of the PCR
  - Student identifies Supervisory Committee Chair (in first semester) to identify job search strategies or special project ideas.
    - The internship is designed for students who are not currently employed or seeking to change positions.
    - The special project is designed for students who are satisfied with their current employment and want to take on additional duties or explore other roles within their organization.
  - Student seeking an internship will work with Chair on updating resume, writing cover letters, interview skills, and creating/updating LinkedIn page.
  - Prior to the start of the semester in which the PCR will be completed, the student, Chair and Representative of the Cooperating Agency meet to discuss the proposed internship or special project, clarify objectives of the PCR, and determine if the experience will support the student's academic and career objectives.
    - The proposed plan should ensure the following:
      - It is an academically relevant component of the learning process that is appropriate for course credit.
      - Involves initiative, creative opportunities, meaningful responsibilities and assignments as opposed to routine or continuously repetitive activities.
      - Provides a learning experience and exposure to, or additional understanding of, the opportunities, functions, and responsibilities of various agricultural disciplines.
      - Includes appropriate supervision and direction by qualified and interested persons.
  - Once all parties agree, the PCR Approval Form is completed, signed by all, and submitted to the Graduate Office. Student will then be eligible for 3 credit hours in AEB 6942.

## Master of Science (thesis)

- On-campus program, 30 credit hours, **admission fall term only**
- Consideration for admission requires: BA/BS, 3.0 upper division GPA, GRE of 300 with at least 145 on quantitative, "B" grades in Statistics, Calculus, Econometrics, & Intermediate Micro or Advanced Ag Micro, and strong letters of recommendation.
- Admission term: Fall only

## Curriculum

### Year 1

- Fall
  - AEB 6106 Microeconomic Principles and Analysis (3)
  - AEB 6817 Survey Research Methods for Economists (3)
  - STA 6166 Statistical Methods in Research I (3)
- Spring
  - AEB 6225 Public Policy and the Agribusiness Firm (3) (Online)
  - AEB 6553 Elements of Econometrics (3)
  - Elective (3)
- Summer
  - AEB 6971 Masters Research (2-6) (9-month GAs do not register in summer)
  - Thesis Proposal seminar (internal requirement, no graduate school paperwork required)

### Year 2

- Fall/Spring/Summer
  - Combination of electives and research
  - Writing, Defense

## MS Milestones

### 1<sup>st</sup> Year

- Complete core coursework
- Investigate and choose research topic
- Appointment of Supervisory Committee
  - Purpose: to guide, inform, mentor, and counsel the student, discuss and approve the program of study, discuss, and approve research topic, proposal, and dissertation.
  - Members (Minimum 2)
    - 1 Chair from FRED
    - 1 Member from FRED or another department
  - Deadline to appoint: End of spring semester of year 1
  - Changes in committee membership permitted until the midpoint of final term and with the approval of the student, committee chair and faculty member(s) added or removed.
- Submit plan of study
  - Purpose: guide to the student's planned courses and research.
  - Deadline to submit: End of spring semester of year 1
  - Minor: *Optional*. 6 hours determined by minor department, letter-graded (no S/U)
  - Undergraduate coursework: 6 hours max, 3000-4000 level, no S/U, no AEB/AGG/ALS prefix
  - Credit hours requirement:
    - 30 credit hours minimum required for the degree
      - Minimum 24 hours of letter-graded (no S/U) coursework
      - Of those 24 hours, at least 12 must be in the major (AEB prefix).
      - Maximum of 6 hours of research counts regardless of hours enrolled
  - Plan should be approved by committee chair

- Research Proposal
  - Students prepare a written proposal and present by end of first year.
  - Below are the steps for preparing the proposal seminar:
    - 5-6 weeks prior to proposal seminar:
      - Check with committee for date/time availability.
      - Contact the Graduate office to arrange room & zoom reservation.
      - Jess will put on the department calendar which will send invitations to faculty, staff, and student body in FRE
    - 4 weeks prior to proposal seminar:
      - Send committee chair final proposal.
    - 2 weeks prior:
      - Send committee final proposal.
    - 1 week prior:
      - Send one-page abstract of proposal to Graduate office.
    - Day of seminar
      - FRED IT Support Staff will set up and test equipment
      - No paperwork to be signed for MS thesis proposals

## 2<sup>nd</sup> year

- Defense (final oral examination)
  - Students prepare and present a thesis that shows independent investigation and research that is acceptable in form and content, to the Supervisory Committee and Graduate School.
  - Visit submission deadlines at the [ETD Deadlines website](#).
  - Read and understand the [formatting and submission guidelines](#).
  - The defense is to be held in person and members of the supervisory committee should be physically present in the same room for the duration of the examination.
    - If all members are unable to be present in the same physical location, at a minimum the Chair or Co-Chair and the student should be in the same physical location, with all other members participating via remote electronic means.
    - A substitution for a committee member that is neither chair, nor external, is permitted so long as substitute is in the same research area as the member being substituted.
  - Schedule defense:
    - 5-6 weeks in advance of defense
      - Check with committee for date/time availability
      - Contact Jess or Candy to arrange room and zoom reservation
      - Provide at least two dates/times
    - 4 weeks prior to defense
      - Send committee chair final dissertation
    - 2 weeks prior to defense:
      - Send committee final defense
    - 1 week prior:
      - Send one-page abstract to Jess
    - Day of the defense
      - FRED IT Support Team will setup and test equipment
      - Jess will send the required forms to the committee via DocuSign
      - Final exam is sent immediately to Jess for submission so that student can upload dissertation while ETD signature form is signed by committee and held by chair for signature until all changes are made to committee's satisfaction.

## Preparing for Graduation

- Final term registration in AEB 6971 Masters Research
  - Fall/spring: minimum: 3 hours, Summer: minimum 2 hours
  - Exception: graduate assistants must adhere to 9 hours in fall/spring, six in summer
- Apply for the degree via ONE.UF and review [UF commencement information](#).
- 30 credit hours (with 24 coursework minimum), 3.0 (truncated) major & overall GPA by end of term.
- Log into GIMS to verify degree program, minor if applicable, and committee.
- Review [Graduate School deadlines](#) for first submission, defense, and final submission

## Clearing Prior

- Approved when all published deadlines for current term except Final Clearance are met.
- Students do not register for next term but will re-apply for the degree in the term of graduation.
- Clear prior for the next term requires:
  - First submission of thesis and defense in current term.
  - Apply for degree in current term.
  - All other requirements met within published deadlines in current term.
  - Final submission and final clearance met prior to beginning of first day of next term.

## PhD

- 90 credit hours; 72 minimum in the PhD, up to 30 hours w/B grade or better transferred from MS.
- Consideration for admission requires: MA/MS with minimum 3.0 GPA, GRE of 305 with at least 150 on quantitative, and minimum "B" grades in Statistics, Calculus, and master's level Econometrics and Microeconomics, strong letters of recommendation.
- Admission: fall term only

### Curriculum: Admitted to the core fall 2022

#### Year 1

- Fall
  - AEB 7504 Mathematical Statistics in Applied Econometrics (3)
  - ECO 7115 Microeconomic Theory I (3)
  - ECO 7404 Game Theory for Economists (1)
  - ECO 7408 Math Methods for Economists (2)
- Spring
  - AEB 7108 Microeconomic Theory II (3)
  - AEB 7240 Macroeconomic Theory in Open Economies II (3)
  - AEB 7571 Econometric Methods I (3)
- Summer
  - Core Exam, No Classes

#### Year 2

- Fall/Spring
  - Combination of coursework and AEB 7979 Advanced Research (18)

#### Year 3

- Fall/Spring
  - Combination of coursework and AEB 7979 Advanced Research (18)
  - Third Year Paper
  - Dissertation Proposal Seminar and preparation for Admission to Candidacy

#### Year 4

- Fall/Spring
  - AEB 7980 Doctoral Research (18)
  - Writing, Defense, First & Final Submission, Final Clearance, Graduation

#### Electives

- Five 3-credit hour courses (15 credit hours minimum):
  - 2 field courses (6 credit hours) in FRE, in the same field.
  - 1 methods course (3 credit hours) in FRE (cannot double count as fields & methods course)
  - 6 credit hours, 6000 or higher, unrestricted electives at UF
    - Unrestricted means courses can be taken anywhere at UF
    - Not all 6000 level courses at UF are PhD: best way to determine is to contact instructor
    - These 6000 level courses in FRED are PhD level:
      - AEB 6933 Health Economics
      - AEB 6933 Experimental Economics
      - AEB 6933 Regional Economic Modeling
    - Examples for meeting the 6-credit hour requirement:
      - Two 3-credit hour courses
      - Three 2-credit hour courses
      - Two 2-credit hour courses + one 3-credit hour course

## Fields

While students prefer to complete all field courses by end of the second year, due to teaching resources, it is not possible. It is more common for students to complete their fields and all coursework by end of the third year, at the latest.

- Environmental and Natural Resource Economics
  - AEB 6933 Environmental Economics
  - AEB 7333 Applied Valuation Methods
  - AEB 7453 Natural Resource Economics
- Development
  - AEB 7220 Agricultural Trade Policy and Welfare Economics
  - AEB 7573 Applied Microeconometrics
  - AEB 7645 Economic Development and Agriculture
- Food and Agricultural Economics
  - AEB 6933 Health Economics
  - AEB 7184 Production Economics
  - AEB 7373 Consumer Demand and Applied Analysis
- Experimental Economics & Agribusiness
  - AEB 6933 Experimental Economics
  - AEB 7333 Applied Valuation Methods
  - AEB 7373 Consumer Demand and Applied Analysis

## Methods Classes

- AEB 6933 Advanced Econometrics: Discrete Choice Models
- AEB 6933 Advanced Econometrics: Panel Data
- AEB 6933 Advanced Econometrics: Time Series
- AEB 7333 Applied Valuation Methods
- AEB 7573 Applied Microeconometrics

## Elective schedule (subject to adjustment)

- Fall 2023
  - AEB 7184 Production Economics (Moss)
  - AEB 7333 Applied Valuation Methods (Gao)
  - AEB 7573 Applied Microeconometrics (Mullally)
- Spring 2024
  - AEB 6933 Time Series Econometrics (Onel)
  - AEB 7373 Consumer Demand and Applied Analysis (Seale)
  - AEB 7483 Environmental Economics (Ji)
- Fall 2024
  - AEB 6933 Health Economics (Fang)
  - AEB 7453 Natural Resource Economics (Grogan)
  - AEB 7645 Economic Development and Agriculture (Useche)
- Spring 2025
  - AEB 6933 Experimental Economics (Gars)
  - AEB 7220 Agricultural Trade Policy & Welfare Economics (Schmitz)
  - AEB 6933 Panel Data Econometrics (Seale)

## Curriculum: Admitted to the core fall 2021

### Year 1

- Fall
  - AEB 7571 Econometric Methods I (Math Stats) (3)
  - ECO 7115 Microeconomic Theory I (3)
  - ECO 7404 Game Theory for Economists (1)
  - ECO 7408 Math Methods for Economists (2)
- Spring
  - AEB 7108 Microeconomic Theory II (3)
  - AEB 7240 Macroeconomic Theory in Open Economies II (3)
  - AEB 7571 Econometric Methods I (3)
- Summer
  - Core Exam, No Classes

### Year 2

- Fall/Spring
  - Combination of coursework and AEB 7979 Advanced Research (18)

### Year 3

- Fall/Spring
  - Combination of coursework and AEB 7979 Advanced Research (18)
  - Third Year Paper
  - Dissertation Proposal Seminar and preparation for Admission to Candidacy

### Year 4

- Fall/Spring
  - AEB 7980 Doctoral Research (18)
  - Writing, Defense, First & Final Submission, Final Clearance, Graduation

### Electives

- Five 3-credit hour courses (15 credit hours minimum):
  - 2 field courses (6 credit hours) in FRE, in the same field.
  - 1 methods course (3 credit hours) in FRE (cannot double count as fields & methods course)
  - 6 credit hours, 6000 or higher, unrestricted electives at UF
    - Unrestricted means courses can be taken anywhere at UF
    - Not all 6000 level courses at UF are PhD: best way to determine is to contact instructor
    - These 6000 level courses in FRED are PhD level:
      - AEB 6933 Health Economics
      - AEB 6933 Experimental Economics
      - AEB 6933 Regional Economic Modeling
    - Examples for meeting the 6-credit hour requirement:
      - Two 3-credit hour courses
      - Three 2-credit hour courses
      - Two 2-credit hour courses + one 3-credit hour course

## Fields

While students prefer to complete all field courses by end of the second year, due to teaching resources, it is not possible. It is more common for students to complete their fields and all coursework by end of the third year, at the latest.

- Environmental and Natural Resource Economics
  - AEB 6933 Environmental Economics
  - AEB 7333 Applied Valuation Methods (formerly AEB 6933)
  - AEB 7453 Natural Resource Economics
  
- Development
  - AEB 6933 Labor Economics
  - AEB 7573 Applied Microeconometrics (When offered with Dev Econ focus)
  - AEB 7645 Economic Development and Agriculture
  
- Food and Agricultural Economics
  - AEB 7184 Production Economics
  - AEB 7373 Consumer Demand and Applied Analysis
  - AEB 7220 Agricultural Trade Policy and Welfare Economics (formerly AEB 6933)
  
- Experimental Economics & Agribusiness
  - AEB 7333 Applied Valuation Methods
  - New Course(s) within FRE or elsewhere (including Experimental Economics)

Methods Classes (Topics will continue to rotate and could change based on interests)

- AEB 6933 Advanced Econometrics: Discrete Choice Models
- AEB 6933 Advanced Econometrics: Panel Data
- AEB 6933 Advanced Econometrics: Time Series
- AEB 7333 Applied Valuation Methods
- AEB 7573 Applied Microeconometrics

## Elective schedule

- Fall 2022
  - AEB 7220 Agricultural Trade Policy & Welfare Economics (Schmitz)
  - AEB 7453 Natural Resource Economics (Grogan)
  - AEB 7645 Economic Development and Agriculture (Useche)
  - AEB 6933 Health Economics (Fang)
  
- Spring 2023
  - AEB 6933 Experimental Economics (Gars)
  - AEB 6933 Regional Economic Modeling (Ferreira)
  - AEB 6933 Panel Data Econometrics (Seale)
  
- Fall 2023
  - AEB 7184 Production Economics (Moss)
  - AEB 7333 Applied Valuation Methods (Gao)
  - AEB 7573 Applied Microeconometrics (Mullally)
  
- Spring 2024
  - AEB 6933 Time Series Econometrics (Onel)
  - AEB 7373 Consumer Demand and Applied Analysis (Seale)
  - AEB 7483 Environmental Economics (Ji)



## Curriculum: Admitted to the core fall 2020 & earlier

### Year 1

- Fall
  - AEB 7571 Econometric Methods I (3)
  - ECO 7115 Microeconomic Theory I (3)
  - ECO 7404 Game Theory for Economists (1) (even years)
  - ECO 7408 Math Methods for Economists (2) (even years)
  - AEB 6933 Math Optimization & Econ Analysis (3) (Odd years)
- Spring
  - AEB 7108 Microeconomic Theory II (3)
  - AEB 7240 Macroeconomic Theory in Open Economies II (3)
  - AEB 7572 Econometric Methods II (3)
- Summer
  - Core Examination, no classes

### Year 2

- Fall
  - AEB 7184 Agricultural Production (3)
  - Combination of coursework and Research (6)
- Spring
  - AEB 7373 Consumer Demand and Analysis (3)
  - Combination of coursework and research (6)

### Year 3

- Fall/Spring
  - Combination of remaining coursework and AEB 7979 Advanced Research (9)
  - Third Year Paper
  - Dissertation Proposal Seminar and preparation for Admission to Candidacy

### Year 4

- Fall/Spring
  - AEB 7980 Doctoral Research
  - Writing, Defense, First & Final Submission, Final Clearance, Graduation

### Electives:

- Four PhD-level electives in FRE, one of which must be Econometrics: Discrete Choice, Panel Data, Advanced or Time Series

## Individual Development Plan (IDP)

- Purpose: to help students align their personal and professional goals with their academic expectations and responsibilities. IDP offers critical information for building skills, knowledge, and resources necessary for career development, and preparation for meaningful personal and professional opportunities. Ensures progress toward personal and professional goals.
- CALS has established a [Graduate Student Professional Development resource](#) for PhD students to help them gain skills in the IDP core competencies: Research Skills & Knowledge, Communication, Management & Leadership Skills, Effectiveness/Purpose, Professionalism and Career Advancement.
- Expectations
  - Student
    - Take primary responsibility for the successful completion of the degree
    - Meet regularly with advisor and provide him/her with updates on progress
    - Initiate requests for feedback and seek advice from faculty advisor, committee, and other mentors
    - Be knowledgeable of the policies and requirements of the graduate program
    - Attend and participate in department meetings and seminars
    - Keep up with original literature in the field
    - Be a good research collaborator and work collegially
  - Advisor
    - Commit to student's education and training as a member of the research community.
    - Help plan and direct a student's research, allowing them to take ownership of their research while setting goals and establishing a timeline for completion.
    - Provide and seek regular and honest feedback
    - Monitor and improve mentoring skills
    - Encourage students to bring concerns and help them find acceptable solutions to problems.
    - Advise students about graduate program requirements and deadlines.
    - Help students develop skills needed to be a successful researcher.

## Non-Traditional MS-PhD

PhD students may pursue a non-thesis master's degree *concurrently* (at the same time) in a major outside FRED with the approval of both departments, the College, and the Graduate School. The steps:

- Visit with the Graduate Advisor or Graduate Coordinator of the department in which you plan to earn the master's degree.
  - What courses are required?
  - How many hours for the degree?
  - How many electives will they allow from your PhD?
  - Get this information in writing.
- Meet with Jess to discuss if a non-traditional MS-PhD will work for you.
- Meet with your Supervisory Committee Chair for advice. Your primary responsibility is your PhD and the work you are paid to do in the department. Pursuing an MS cannot interfere with either of those tasks.
- If your Committee Chair permits you to work toward the MS, take the following steps:
  - Give Jess a complete listing of the courses in the other major you plan to take *and* when.
  - Give Jess a complete listing of the courses in FRED you plan to take *and* when.
  - Indicate to Jess which 9 hours of coursework will count toward both degrees.
- Jess will complete the form and send out for signatures. Students will be notified throughout the process.

## PhD Milestones

### 1<sup>st</sup> year

- Completion of first year coursework.
- Completion of the first year [Individual Development Plan \(IDP\)](#) with Committee Chair (all students have a faculty advisor who serves as committee chair, upon entering the program).
- Begin investigating research topics
- Core Exam upon successful completion of the first year of core coursework.
  - Eligibility to take the exam requires a minimum B- grade in each core course and a 3.0 GPA overall in the core coursework.
  - Administered approximately two weeks after the conclusion of the spring semester.
  - Exam questions are written & graded by faculty teaching the core.
  - Students must pass four out of five questions to receive a pass.
  - Those who do not pass the first attempt have another opportunity in July.
  - Failure to pass the second exam will result in termination from the program.

### 2<sup>nd</sup> year

- Completion of years 2-4 [Individual Development Plan \(IDP\)](#) with Committee Chair.
- Begin discussions with Chair re: development of 3rd year paper (see year 3 milestones)
- Investigate and choose research topic
- Appointment of Supervisory Committee
  - Purpose: to guide, inform, mentor, and counsel the student, discuss and approve the program of study, discuss, and approve research topic, proposal, and dissertation.
  - Deadline to appoint Chair: All students have a faculty advisor who serves as Chair upon entry; Jess will enter the official appointment of this individual in the first semester.
  - Deadline to appoint Committee: end of spring semester of 2<sup>nd</sup> year
  - Committee Membership:
    - Minimum 4 members of the Graduate Faculty
      - Chair, who must be from within FRE
      - 1 member from within FRE
      - 1 member from either FRE or another department
      - 1 external, meaning from another department at UF
    - A co-chair is optional
    - Special Members from outside UF are optional.
      - Must have PhD
      - Must be petitioned to Graduate School
  - Changes in committee membership
    - Committee may be changed until the midpoint of the final semester.
    - Changes to committee via email are acceptable so long as student, committee chair, & faculty member being added/removed concur with the change.
- Program of Study
  - Jess will send out the form.
  - Purpose: outline of planned course of study based on student's goals and objectives as well as being cohesive and concentrated in a field of study.
  - Due: end of second year in the program.
  - Total hours: Minimum 90 including transfer work
    - 30 hours maximum transferred from MS
    - 60 hours minimum in the PhD program
    - Students on assistantship require a minimum number of hours each term
      - 9-month GAs earn 18 hours/year for a total of 72 hours in the PhD
      - 12-month GAs earn 24 hours per year for a total of 96 hours in the PhD.

- Transfer Credit from MS to PhD
  - During year 1, the graduate office will submit to the Graduate School a transfer of credit request for up to 30 hours of work
    - 24 hours max letter-graded coursework + 6 hours research from a non-FRE MS in Agricultural Economics or Economics, with grades of B or better.
    - MS thesis in FRE automatically counts toward PhD.
  - If the master's degree is in a different discipline, the department will only request to transfer specific courses that relate to the student's PhD program. This may result in the student taking additional courses in the PhD.
  - Transfer work must be taken within 7 years preceding PhD expected award date.
- Minor
  - Minimum twelve credit hours, with courses determined by the minor department.
  - Faculty member in the minor department must be on the student's committee
  - 3.0 GPA required in the minor coursework.
- Undergraduate coursework
  - Max 6 hours of undergraduate at the 3000/4000 level, Letter-graded (No S/U)
  - No undergraduate courses with the AEB, AGG, or ALS prefix
  - Undergraduate coursework discouraged unless it is a prerequisite for a graduate course

### 3<sup>rd</sup> year

- Completion of years [2-4 Individual Development Plan \(IDP\)](#) with major professor
- Third Year Paper (submitted in spring of third year)
  - Two members of the committee will rigorously review each paper.
  - The student will receive feedback on their paper in the form of review reports.
  - Students will present paper at the Annual Graduate Research Symposium (if one is held).
  - Students are encouraged to participate in SAEA Dissertation Job Market Paper Competition using their third-year or other papers.
- Dissertation Proposal Seminar and Admission to Candidacy (Qualifying Examination)
  - Required by the end of spring of the third year.
  - Topic areas include coursework, knowledge, and synthesis of student's research topic.
  - Requirements for approval of the Admission to Candidacy are:
    - Minimum 3.0 GPA
    - Successful completion of all coursework and submission of third year paper.
    - Approval of topic as judged by the committee during the proposal seminar.
    - Overall fitness for candidacy as determined by committee.
  - Preparing for the Proposal Seminar
    - Proposal seminar is held in person; committee members are physically present in the same room for the duration of the exam. If all members are unable to be present in the same physical location, at a minimum the Chair or Co-Chair and the student should be in the same physical location, with all other members participating via remote electronic means
    - A substitution for a committee member (not chair, not external) is allowed so long as the substitute is in the same area as the member being substituted.
    - Admission to candidacy must be done no later than the midpoint of the term PRIOR to the term of graduation. For example, if you plan to graduate in spring, you must be admitted to candidacy by midpoint of fall term, around October 12<sup>th</sup>.
    - Scheduling the seminar:
      - 5-6 weeks prior to proposal seminar:
        - Check with committee for date/time availability for a 2-hour block.
        - Contact Jess to arrange room & zoom reservation.
      - Jess will put on the department calendar 4 weeks prior to proposal seminar:
        - Send committee chair final proposal
      - 2 weeks prior to proposal seminar
        - Send committee final proposal

- 1 week prior
  - Send one-page abstract of proposal to Jess
- Day of the seminar
  - FRED IT Support Team will setup and test equipment
  - Jess will send the required forms to the committee via Docusign

#### 4<sup>th</sup> year

- Writing the Dissertation
  - Demonstrate the ability of the author to conceive, design, conduct and interpret independent, original, and creative research
  - Describe significant original contributions to the advancement of knowledge and must demonstrate the ability to organize, analyze, and interpret data.
  - Includes a statement of purpose, a review of pertinent literature, a presentation of methods and results obtained, and a critical interpretation of conclusions in relation to the findings of others.
  - Contains a common introduction and appropriate review of the literature. There must also be a concluding chapter summarizing the overall results, conclusions, and recommendations for further research.
- Defense (final oral examination)
  - Students prepare and present a thesis that shows independent investigation and research that is acceptable in form and content, to the Supervisory Committee and Graduate School.
  - Visit submission deadlines at the [ETD Deadlines website](#).
  - Read and understand the [formatting and submission guidelines](#).
  - The defense is to be held in person and members of the supervisory committee should be physically present in the same room for the duration of the examination.
    - If all members are unable to be present in the same physical location, at a minimum the Chair or Co-Chair and the student should be in the same physical location, with all other members participating via remote electronic means.
    - A substitution for a committee member that is neither chair, nor external, is permitted so long as substitute is in the same research area as the member being substituted.
  - Schedule defense:
    - 5-6 weeks in advance of defense
      - Check with committee for date/time availability
      - Contact Jess or Candy to arrange room and zoom reservation
      - Provide at least two dates/times
    - 4 weeks prior to defense
      - Send committee chair final dissertation
    - 2 weeks prior to defense:
      - Send committee final defense
    - 1 week prior:
      - Send one-page abstract to Jess
    - Day of the defense
      - FRED IT Support Team will setup and test equipment
      - Jess will send the required forms to the committee via Docusign
      - Final exam is sent immediately to Jess for submission so that student can upload dissertation while ETD signature page is signed by committee and held by chair until all changes are made to committee's satisfaction.

- Preparing for Graduation
  - Final term registration in AEB 7980 Doctoral Research
    - Summer: minimum 2 hours, Fall/spring: minimum: 3 hours
    - Exception: graduate assistants must adhere to 9 hours in fall/spring, 6 in summer
  - Apply for the degree via ONE.UF
  - View commencement info: <https://commencement.ufl.edu>
  - Credit hour & GPA requirements (overall and GPA require 3.0) must be met by end of term.
  - Log into GIMS to verify degree program, minor if applicable, and committee.
  - Review [Graduate School deadlines](#) for first submission, defense, and final submission.
  
- Clearing Prior
  - Approved for students who have met all published deadlines for current term except Final Clearance.
  - Students do not register for next term but do re-apply for the degree
  - Clear prior for the next term requires:
    - First submission of thesis and defense in current term.
    - Apply for degree in current term.
    - All other requirements met within published deadlines in current term.
    - Final submission & clearance met prior to beginning of first day of next term.

## International Students

The [UF International Center \(UFIC\)](#) is the one-stop for all UF international students. UFIC manages I-20, J-1 and issues related to taxes, visas, international student health insurance, immigration issues, CPT, OPT, and all issues related to international status. Advisor assigned based on the first three letters of the student's last name. Upon arrival in Gainesville, students should check in at 1765 Stadium Road

### [Forms and Resources](#)

### [F-1 Student Information](#)

### [The F-1 Process](#)

### [Employment Requirements and Limitations](#)

#### UF Gator International Focus Team (UFGIFT)

- Diverse team of campus service providers designated to help our international students. Includes consultation, workshops, and assistance in identifying the needs and challenges particular to international students.

#### English Language Institute

- ELI offers intensive English programs that prepare non-native speakers for using English in the real world.

#### I-20 Extension process

- Sometimes students require additional time to finish their degree program. The UFIC will process extensions provided students follow the required guidelines in the link above.
- Students on assistantship whose funding will continue should obtain a new LOA for the extended semester in advance.
- Students who extend but will not be on funding will go directly to UFIC with proof of personal funds.
- UFIC will generate an email to the department for confirmation and approval. Always have them use Jess's email so she can receive the online form and verify.
- Once Jess submits form, UFIC will process and notify the student. Process requires time so plan early.

#### Curricular Practical Training (CPT)

- Alternate work/study, internship, cooperative education or any other type of required internship or practicum which may include but is not limited to paid and unpaid volunteer, part-time, and full-time, on-campus and off-campus rotations, clerkships, externships, clinical, field experience, etc.
- CPT authorization required for engaging in training or temporary employment to allow the student to gain practical experience in the student's major field of study.

#### Optional Practical Training

- Temporary employment for practical training related to the student's major area of study. Can be used during or after program completion.
- Granted to students who will work in the US after graduation
- Students must be in valid full-time status for one academic year at the time of application
- Specific time requirements involved, see above link.

#### STEM OPT Extension

- F-1 students with a PhD in FRE may apply for the 24-month OPT Extension from a valid period of 12-month standard post-completion OPT.
- In addition to being an FRE major, students must have been granted OPT and currently be in a valid period of OPT) and complete the required request for extension per the link above.

# Graduate Assistants

## Function

A graduate assistantship is a salaried position that requires the student to support a faculty member in research and/or teaching. Standard assistantships require a time commitment averaging 20 hours per week. Retention of assistantship is predicated on satisfactory academic progress as well as satisfactory performance on assigned tasks.

The opportunities through graduate assistantships enable graduate students the ability to enhance their scholarly and professional development. Appointment as a Graduate Assistant presents a dual challenge:

- As students, they must achieve satisfactory progress toward their scholarly and professional objectives, and
- As employees, they must perform their assigned responsibilities within the University's mission of teaching, research, and extension.

In sum, *the Graduate Assistant receives financial support in the form of stipend, tuition waiver, and health insurance, in exchange for their contribution to the teaching and/or research mission of the university.*

Graduate Assistants hired to support a faculty member in research and/or teaching will be committed to that faculty member for the duration of their program. **Switching faculty advisors can result in a loss of funding as funding is often tied to a specific faculty member.** Students who express a desire to no longer work with their appointed faculty advisor should discuss the situation with their faculty advisor, Graduate Coordinator, and Department Chair.

**Graduate Assistants are not paid to write a thesis or dissertation; they are paid for a specific function of teaching assistant or research assistant, or both. The teaching and/or research appointment is the job, and the purpose for which that individual is employed.**

As employees of the University, Graduate Assistants based at the main campus are assigned to work on the UF main campus. They are required to be in their offices and available to their supervisors for work and consultation. UF does permit [alternative work locations](#) and graduate assistants may discuss the possibility with their supervisor to see if this is feasible. Teaching assistants required to have a physical presence in the classroom and hold office hours on campus will need to be on campus during those times.

## Types of Assistantships

- Teaching (TA)
  - Types of TA: those who *lecture* and those who provide *administrative support*.
  - Administrative Support TA responsibilities:
    - Provide essential teaching support in undergraduate courses in the department.
    - Responsibilities: proctoring exams, grading papers, homework and/or projects, and providing general assistance in the instructional process.
  - Lecturing TAs:
    - Opportunities to lecture small sections of the FRED Math Camp or certain undergraduate courses may be available to PhD students in their third year.
    - Lecture TA's whose native language is not English require a score of 55 on the [UF Speak test](#) or twenty-eight on the Speaking portion of the TOEFL iBT.
    - UF permits provisional teaching assignment for students scoring 45 – 50 on UF Speak or 23-27 on the Speaking portion of the TOEFL iBT IF they concurrently enroll in [EAP 5836 Academic Spoken English II](#).
    - Understanding the Family Educational Rights and Privacy Act (FERPA), which protects the privacy of a student's educational record. Once a year within the first two weeks of classes, TAs must take [FERPA training](#).



- Research (RA)
  - Research under the supervision of a faculty member in an area that is of interest to the student and faculty member.
  - Research experience offers students the opportunity to develop essential skills for the types of research-related activities they are likely to engage in as professionals.
  - Excellent firsthand learning opportunity and important part of professional development.
- Research *and* Teaching (GA)
  - In the case of GAs engaged in teaching and research with two different faculty, the faculty will meet to discuss workload/number of hours required for each job per week.
  - The number of hours assigned to research and to teaching is proportionate to the percentage of funding from each source.
  - Communication between the faculty members and GA is key to ensuring success in both tasks.
  - Graduate Assistants who encounter any difficulties maintaining the balance should contact their supervisors immediately.

## Appointment Information

### Eligibility

- Satisfactory performance evaluation.
- Satisfactory progress in degree: 3.0 GPA, required registration, milestones like completing courses, proposal seminars, admission to candidacy, etc in a timely manner.
- Failure to meet eligibility requirements above will result in probation for one semester. If probation requirements are met once the probation term is completed, probation will be lifted, and assistantship will be maintained. If not, assistantship will be terminated.

### Letters of Appointment (LOA)

- Contract between University and the Student
- Sent out prior to each new semester
- Signed via DocuSign

### Performance Evaluations

- Required every semester a GA is appointed.
- Performance evals are sent out to faculty and GA via DocuSign near the end of the term.
- An evaluation below satisfactory will result in one-semester probation in which student has the opportunity to improve to satisfactory. Improvement to satisfactory maintains assistantship. Continued unsatisfactory will result in termination of assistantship.

### Employment periods

- fall (August 16-December 31)
- spring (January 1-May 15)
- summer (May 16-August 15)

### Salary Plans

- 9-month appointments (GA09, 12-month salary paid over 9-months)
  - The majority of FRED GAs are 9-month, appointed in fall and spring only.
  - There is no summer appointment unless the faculty member has funds and chooses to hire for summer. (See summer appointment below)
  - GatorGradCare premiums deducted over 9 months to cover 12 months

- 12-month appointments (GA12)
  - Appointed in fall, spring, and summer.
  - GatorGradCare premiums deducted year-round.
  - Registration required in all terms.
- Summer appointments (GASU)
  - Summer A, B, or C.
  - Summer appointments for 9-month students are **not** guaranteed. They are completely dependent on availability on grant (research) funding.
  - No registration required for a 9-month student appointed to a summer term.

## Taxes

- US Citizens & Permanent Residents
  - Tuition Waivers are not taxable
  - Stipends are exempt from Social Security & Medicare (FICA), but are taxed for withholding
  - Questions about taxes should be directed to [UF Tax Services](#)
- International Students
  - Tuition Waivers are not taxable income
  - Stipends may or may not be taxable depending on the country.
    - The U.S. maintains income tax treaties with over 50 countries therefore questions related to income taxes should be directed to [UF Tax Services](#)
  - UFIC provides international students and scholars with a program called Sprintax which is a free international federal/8843 tax return preparation program. Read about this more on the [UFIC tax services website](#).

## Benefits

- Tuition Waivers
  - Applied after the fee payment deadline each semester.
  - Covers tuition only (currently \$448.73 per credit hour). Students pay the “fees which are approximately \$80/credit hour.
  - Graduate Assistant fees are deferred until mid-November in fall term and mid-March in spring term. Deferment dates listed [Bursar's website](#).
  - Do not register for any course listed as “self-funded” as these courses are not covered by graduate tuition waivers.
  - Tuition Waivers are not considered taxable income.
- [Health Insurance](#)
  - GatorGradCare is the Graduate Assistant Health Insurance Plan.
  - UF covers most of the premium cost while graduate assistants contribute a small amount per month for individual coverage and pay full premium for dependents.
  - Once the GA hire is in the system the GatorGradCare portal opens on myUFL
  - GAs must enroll within 60 days of hire; those unable to must contact GatorGradCare.
- Leave Time
  - 5 days of personal leave allotted each term.
  - Unused leave does not carry over to the next term.
  - To request personal leave, obtain form from Jess, get signatures of committee chair and TA supervisor if applicable, then return to Jess.
  - If you run out of leave time, leave without pay can be implemented.
  - Do not buy tickets or make official arrangements until leave is approved
  - Official Holidays
 

○ Labor Day	September 5, 2022
○ Homecoming	October 7, 2022
○ Veterans Day	November 11, 2022
○ Thanksgiving	November 24 & 25, 2022

Winter Break	December 26-30, 2022
New Year's Day	January 1, 2023
Dr. King's Birthday	January 16, 2023
Memorial Day	May 29, 2023
Juneteenth	June 19, 2023
Independence Day	July 4, 2023

- Graduate Assistants at UF are represented by [Graduate Assistants United \(GAU\)](#), the official Graduate Assistant Union. GAU represents over 4,400 Graduate Employees of the University. GAU is the GA voice at UF; they negotiate and enforce the collective bargaining agreement with the University, which covers everything from appointment letters to the healthcare plans to the pay received for work as a UF employee. Download and read the [Collective Bargaining Agreement \(CBA\)](#).

## Other General Information

### Academic Progress Policy

#### Grades

The lowest passing grade allowed in Graduate School is a C. C+ and C grades count toward the graduate degree only if the equal number of credits in courses numbered 5000 or higher have been earned with grades of B+ and A, respectively.

Incomplete grades are punitive and count as failing grades after two complete semesters. Incomplete grades must be changed to a passing grade before a degree is awarded.

#### Academic Probation

Graduate students are required to maintain an overall GPA of 3.00 truncated and a 3.00 truncated GPA in their major to be in good academic standing. The 3.00 truncated GPA in the major and overall is required to graduate. Students who fall below 3.0 overall will be placed on academic probation.

Academic probation serves formal notice to both the student and major professor that the student is not making satisfactory progress. It provides an occasion for counseling where the student, major professor and graduate advisor meet to discuss the achievement standards required to graduate and outline a plan of action that ensures the student's success.

A student placed on probation will receive a letter at the end of a semester after grades are posted, notifying of the probationary status. A meeting among the student, major professor, and graduate advisor should be scheduled immediately following receipt of the letter so the plan of action can be outlined and implemented. The student will be given one semester to raise the GPA to the required 3.0. Failure to raise the GPA to the required standard will result in dismissal from the program.

### Campus Resources

#### [Career Connections Center](#)

- Career planning, Internship and Cooperative Education guidance
- Employment/school search, Career counseling, workshops, skills/aptitude/interest testing
- Opportunity to research specific companies

#### Confidential Resources

- [Office of Victims Services](#)
- [Counseling and Wellness Center](#)
- [Crisis and Emergency Resource Center](#)

#### [Dean of Students Office](#)

- DSO creates a culture of care for students, their families, faculty, and staff by providing exemplary programs and services including new student and family programs, student conduct and conflict resolution, disability, and mental health resources.

#### [Human Resources](#)

- UF HR provides instructions for reporting discrimination, sexual harassment, sexual assault, or sexual violence. Provides links to policies and definitions related to Title IX and sexual harassment and information for prevention and handling of workplace violence

## [Office of the Ombuds](#)

- To serve as a resource and designated neutral party for students who may have a university related concern or problem.
- By considering problems in an unbiased way, the office works to achieve a fair resolution while working to protect the rights of all parties involved
- Problems they can help with include grades, difference of opinion with instructors, interpretation of university policies, or other administrative issues of concern.
- Will assist students with interpreting policy, identifying options and strategies for resolving issues, and serving as a mediator if necessary.
- Before contacting the Ombudsman, students should contact the following in the order listed, to attempt to resolve the issue: 1) instructor, 2) Department chair, and 3) College Dean.

## Student Physical & Mental Health and Well-Being

[College of Dentistry](#)

[Counseling and Wellness Center](#)

[Department of Ophthalmology](#)

[Disability Resource Center \(DRC\)](#)

[Field and Fork Food Program](#)

[Gatorwell Health Promotion Services](#)

[Recreational Sports](#)

[Student Health Care Center](#)

[U Matter, We Care](#)

[University Police Department](#)

## Financial Assistance

### Financial Aid

- UF Financial Aid office offers aid in the form of federal, state, institutional or private funds, for the purpose of helping students pay for their education-related expenses.
- Most financial aid programs require applicants to be US citizen or permanent resident alien.

### Scholarships

- [College of Agricultural and Life Sciences](#)
- [Food and Resource Economics](#)
- [Latin American/Caribbean Scholarships](#)
- [Graduate School Scholarships, Fellowships, and Grants](#)
- [UF International Center](#)

## Grievances

The Department is committed to treating all students fairly, equitably, with the highest ethical standards, and prides itself in providing a welcoming environment that is intellectually stimulating and academically challenging. Students occasionally may encounter problems pertaining to their program, and they are entitled to pursue a grievance procedure by which they will have the opportunity to bring complaints and problems of an academic nature, *exclusive of grades*, to the attention of Department administration.

The [UF formal grievance procedure](#) provides assurance all parties are given fair treatment. UF defines a grievance as *dissatisfaction occurring when a student thinks that any condition affecting him or her is unjust or inequitable or creates unnecessary hardship*. Areas in which student grievances may arise include scientific misconduct, sexual harassment, discrimination, employment-related concerns, and academic matters. Formal grievances (*excluding* the issue of grades) should be managed in this order:

- Supervisory Committee Member or Graduate Coordinator
- Department Chair
- College Dean's office
- University Ombudsman

Students may also seek assistance from the [UF Counseling and Wellness Center](#).

## Graduate Information Management System (GIMS)

The Graduate School maintains a database, GIMS, which is a repository of certain elements of graduate students' progress through their degree program. It includes the student's personal profile, degree segment, supervisory committee, milestones met, and degree application status. Students should check GIMS at least one semester before graduation and then during the semester of graduation to ensure all information is correct. Access GIMS via MyUFL>Main Menu>Quick Links>GIMS.

## Housing

- [UF Department of Housing](#) and Residence Education serves to help graduate students find on or off-campus housing, sponsors educational and social programs for on-campus residents, in the hopes of enhancing the overall educational and living experience at the University.
- [Graduate and Family Housing – On Campus Housing](#)
- [Off-Campus Housing Locator](#)
- [Swamp Rentals](#)
- [Apartment Finder](#)

## ID cards

- Obtained at the UF bookstore/welcome center on the south side of the Reitz Union

## Information Technology (IT)

- Computers:
  - FRED IT assists with network access, email services, web space, security oversight, PC repair and installations, and software license management.
  - FRED does not supply computers; students should have their own laptops.
  - Personal computers on the network require current and self-updating antivirus utility.
  - Operating systems must auto-update to ensure patches are installed in a timely manner. Anti-virus and other software programs are free students for personal use.
  - Ed Howard is FRED's Desktop Support Expert. For assistance contact him at [edhoward@ufl.edu](mailto:edhoward@ufl.edu) or 352-294-7645.
- Email and Gatorlink
  - Official UF email communications are directed to students' ufl.edu mail.
  - All online campus services require a Gatorlink username and password.
  - No official UF email will be sent to personal email addresses.
- Copy and Scanning
  - No services in the department, however services are available at the Reitz Union, Kinko's, and Target Copy Center.
  - Teaching Assistants may need to copy items for their instructors and should see Ed Howard to have their UFIDs programmed into the copier for this purpose.
- Printing
  - Graduate students have access to printers in G120 MCCB, 1122 MCCB, 2120 MCCB, and 1199 MCCA. Each of those offices has a specific code for entry. If you do not have the code, contact the Graduate Office, Chair's Office, or FRED IT Support Office.
  - To map a printer please contact Ed Howard in FRED IT Support Office.
- Accessing a drive from off-campus
  - Go to the vpn at <http://vpn.ufl.edu> and follow the on-screen instructions signing in with your Gatorlink username and email.

## Libraries

UF libraries each have a special mission as the primary support of specific colleges and degree programs. Because of the interdisciplinary nature of research, scholars may find collections built in one library serve a specific discipline or constituency to be of immense importance to their research in another discipline. The Marston Science Library has faculty who specialize in specific areas and can help with research. **Melody Royster** is a Library Specialist with a BS in Food and Resource Economics and MS in Library. When conducting research, she can assist you with finding information and publications you need. You can contact her at 273-2661, [mroyster@uflib.ufl.edu](mailto:mroyster@uflib.ufl.edu), or Room 206 Marston Science Library.

## Meeting facilities

Students requiring a meeting room for meetings other than defense, proposal seminar or internship presentation should contact Candace Kaswinkel in the Chair's office at [ckaswin@ufl.edu](mailto:ckaswin@ufl.edu) or 1167 McCarty Hall, or Jess Herman at [jherman@ufl.edu](mailto:jherman@ufl.edu) or 1170 McCarty Hall.

## Office Space

The department provides space for graduate students. Spaces should be kept clean and orderly.

- 1122 MCCB MAB and MS in Agribusiness
- 1084 MCCB MS students
- G120 PhD year 1
- 2120 MCCB PhD year 2
- 1172 MCCA PhD year 3
- Smaller shared offices provided to PhD students in year 4
- Common spaces: G120, 1122, 2120 have a refrigerator. A microwave may or may not be available. If a microwave is not located in your space, there is one in the breakroom on the second floor of MCCB.
- Keys to offices and the building are checked out from Candy Kaswinkel in 1167 MCCA.
- If your room requires maintenance, please contact Candy Kaswinkel.
- If your printer runs out of toner or paper, contact Ed Howard.

## Registration & Schedule Adjustment

- Registration
  - Done via One.UF portal and is the responsibility of the student (except for MAB students)
  - Core course registration should conform to the published curriculum(s) in this handbook.
  - The Graduate Office does not petition late registration fees.
  - Students on assistantship should not register for more hours than their waiver covers.
  - If student is registered for at least one class when regular registration ends, they can add courses during the online drop/add period without a late fee.
  - After initial schedule adjustment period, students are financially liable for all courses enrolled.
- Schedule Adjustment (also known as drop/add)
  - Open to students during the first 5 days of class in fall/spring and first 3 days in summer.
  - Do not, under any circumstances, utilize the "SIDA" drop system in One.UF.
  - While it is possible to drop a course after the online drop/add deadline, it is rare and usually only allowed if the student has serious extenuating circumstances.
  - Core courses may not be dropped unless the student is withdrawing for the semester.
  - International students may require permission from UFIC to do a schedule adjustment; this is to ensure they are registered in the proper number of hours each term.

## Withdrawals & Medical Drops

- Dean of Students Office (DSO) receives requests.
- Contact: DSO website, phone: 352-392-1261, in person: 202 Peabody Hall.

## Student Organizations

- FRED Graduate Student Organization (FRE-GSO)
  - Represents graduate students within the department.
  - Assists new students with the transition to Graduate School
  - Your liaison to the Department.
  - Hosts seminars, meetings, brown bag lunches, training sessions, recreational outings, coffee breaks, and a host of other educational and social activities.
  - All FRE graduate students are strongly encouraged to get involved with GSO.
- [UF Student Government](#)
  - A diverse group of over 975 registered student organizations that provide opportunities for leadership development, social interaction, entertainment, and education.
- [Agricultural & Applied Economics Association \(AAEA\) Membership](#)
  - The Graduate Student Section (GSS) fosters professional development through various activities and seminars. The specific objectives of the AAEA-GSS:
    - Promote professional development of graduate students in agricultural economics and related graduate programs
    - Increase participation and involvement of students with both academic and non-academic career goals in the AAEA
    - Provide more opportunities for graduate student involvement at the annual meetings and related activities of the AAEA.
- [Southern Agricultural Economics Association \(SAEA\) Membership:](#)
  - Publish in the journal of Agricultural and Applied Economics
  - Attend the annual meeting each February at locations across the Southern US
  - Moderate sessions at the annual meeting
  - Present papers and posters at annual meetings, publish abstracts in the JAAE
  - Compete for professional and monetary awards and recognition
  - Professional contacts with 500+ students and faculty across the region

## [Transportation and Parking](#)

Campus parking is extremely limited though certain student decals are available. Students are encouraged to use the RTS bus system, bicycle, or scooter if possible. The RTS bus service is free to all students and spouses with ID cards. UF provides a mini-bus service for disabled students. For nighttime safety, the Student Nighttime Auxiliary Patrol (SNAP) offers nightly escorts anywhere on campus and is staffed by students and supervised by the University Police. Persons needing a /ride should call 392-SNAP (7627).

## Travel

- Official UF Business travel requires a signed travel authorization.
- Foreign travel for official UF business requires registration in the TeamAssist Emergency Assistance Program. This program provides 24/7 assistance, including emergency evacuation, repatriation, travel assistance services, and security coverage.
- Students must submit checklist for international travel to their supervisor for approval, then forward to the Office of the Chair
- Funding for travel may come in many forms including student's major professor, FRED Office of the Chair, [CALs Dean's Office](#), and the [Graduate School](#).

## [Tuition and Fees](#)

The Bursar's office posts tuition and fee schedules annually on their website. Graduate Assistants see the section on Graduate Assistantships for tuition and fee calculation.



## Student Honor Code, Conduct Code

### **The [Orange Book](#) is the complete guide to the UF Student Honor Code & Student Conduct Code**

#### Academic Honesty

Academic honesty and integrity are fundamental values of the university community. Students who enroll at the University commit to holding themselves and their peers to the high standard of honor required by the honor code. Any individual who becomes aware of the violation of the honor code is bound by honor to take corrective action. The quality of a University of Florida education is dependent upon community acceptance and enforcement of the honor code.

#### Student Conduct Code

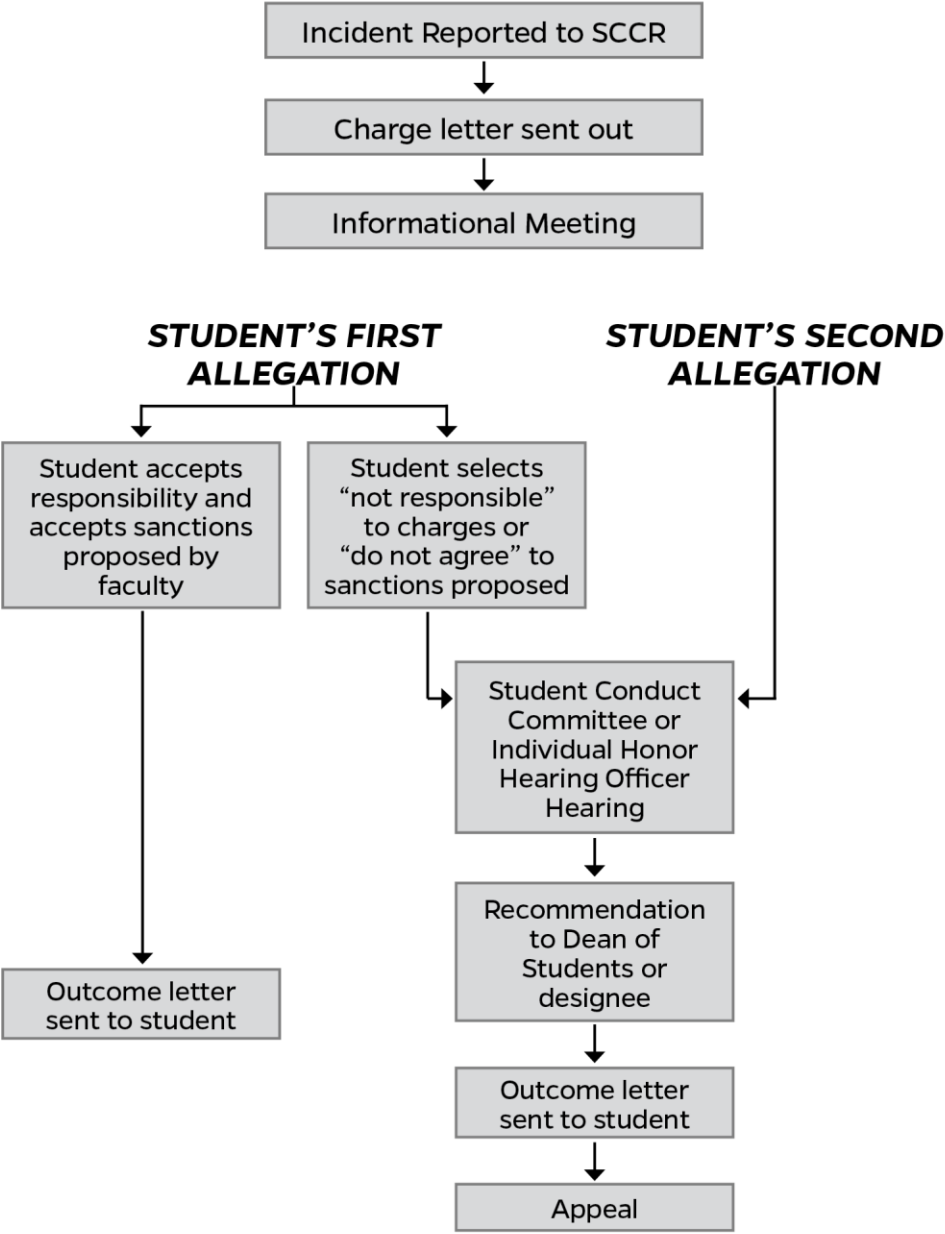
The purpose of the Student Conduct Code is to set forth the specific authority and responsibility of the University in maintaining social discipline, to establish guidelines which facilitate a just and civil campus community, and to outline the educational process for determining student and student organization responsibility for alleged violations of university regulations. The Student Conduct and Conflict Resolution process will follow established procedures to ensure fundamental fairness and an educational experience that facilitates the development of the individual and of the organization and wherever possible to help the student who violated the University regulations to repair any harms committed through their behavior. In addition to the formal adjudication process, SCCR can also assist with other conflict resolution processes.

#### Academic Integrity (See [Dean of Students Academic Integrity Module](#).)

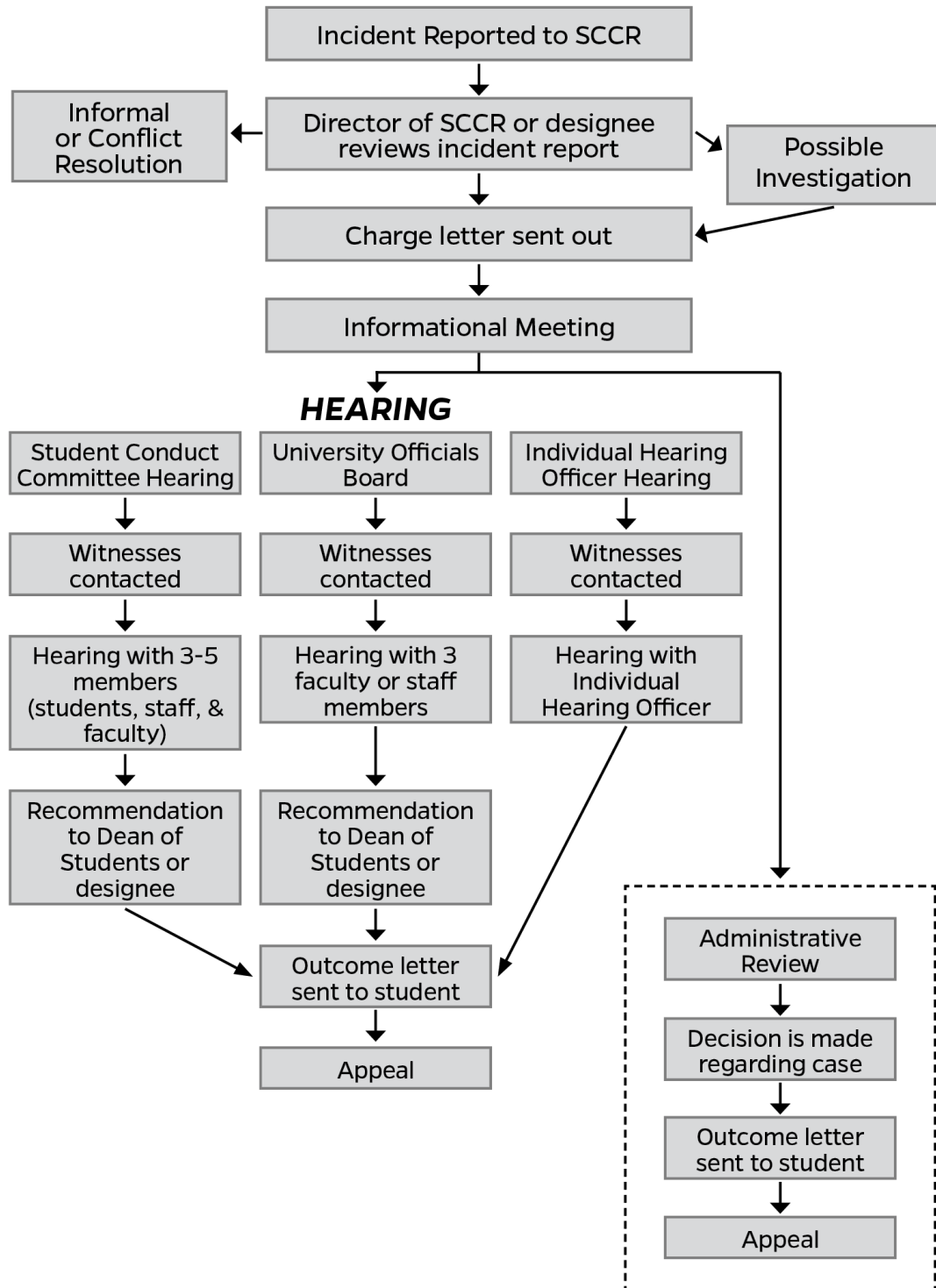
- Appropriately acknowledge the work of others, in conducting and reporting one's own research.
- Be academically honest, in representing one's academic work according to the research standards and methodology that are appropriate for one's field of study.
- Use their own work in research and graded coursework, not inappropriate and un-cited materials, or work produced by a third party.
- Conduct responsible research which complies with federal laws and promotes open and active scientific and knowledge inquiry.
- Treat other students with respect, to ensure their right to pursue their educational goals without interference.

Questions about the Student Honor Code or Student Conduct Code should be directed to the Dean of Students Office.

# Student Honor Code *PROCESS*



# Student Conduct Code *PROCESS*



## Directories

### UF/IFAS Administration

#### [Office of the Vice President for Agriculture & Natural Resources](#)

Dr. J. Scott Angle, Senior Vice President  
Dr. Jeanna Mastrodicasa, Executive Associate Vice President  
Dr. Robert Gilbert, Dean for Research & Director, Florida Agricultural Experiment Station  
Dr. John Davis, Sr Associate Dean for Research & Assoc Director, Florida Agricultural Experiment Station  
Dr. Damian Adams, Assoc Dean for Research & Assoc Director, Florida Agricultural Experiment Station  
Dr. Andra D. Johnson, Dean, Director for Extension  
Dr. Thomas Obreza, Senior Associate Dean & Associate Director

### College of Agricultural and Life Sciences

#### [Office of the Dean](#)

Dr. Elaine Turner, Dean  
Dr. Allen Wysocki, Associate Dean  
Dr. Joel Brendemuhl, Associate Dean  
Dr. Heather McAuslane, Associate Dean  
Dr. H. Charlotte Emerson, Director of Student Development & Recruitment  
Cathy Carr, Director of Alumni & Career Services  
Jarred Shellhouse, Strategic Communications Manager

### Food and Resource Economics Administration

#### **Office of the Chair - 1167 McCarty Hall**

Dr. Lisa House, Chair, [lahouse@ufl.edu](mailto:lahouse@ufl.edu), 294-7653  
Dr. Chuck Moss, Associate Chair, [cbmoss@ufl.edu](mailto:cbmoss@ufl.edu), 294-7630  
Candace Kaswinkel, [ckaswin@ufl.edu](mailto:ckaswin@ufl.edu), 294-7669

#### **Graduate Program**

Dr. Zhifeng Gao, Graduate Coordinator, 1155 MCCA, [zfgao@ufl.edu](mailto:zfgao@ufl.edu), 294-7672  
Jess Herman, Graduate Advisor, 1170 MCCA, [jherman@ufl.edu](mailto:jherman@ufl.edu), 294-7622  
Dr. Derek Farnsworth, MAB Coordinator, 1183 MCCB, [dfarnswo@ufl.edu](mailto:dfarnswo@ufl.edu), 294-7698

#### **Undergraduate Program**

Dr. Misti Sharp, Undergraduate Coordinator, 1189 MCCA, [mistisharp@ufl.edu](mailto:mistisharp@ufl.edu) 294-7632  
Danielle Shu, Undergraduate Advisor, 1170 MCCA, [dshu@ufl.edu](mailto:dshu@ufl.edu), 294-7640

#### **Extension**

Bill Messina, 1195 MCCA, [wamess@ufl.edu](mailto:wamess@ufl.edu), 294-7656

#### **Research**

Dr. Chuck Moss, 1175 MCCA, [cbmoss@ufl.edu](mailto:cbmoss@ufl.edu), 294-7630

**Master of Science**

Faith Aiya (Singerman)  
Ikeoluwa Aregbe (Farnsworth)  
Jie Chen (Kassas)  
Kealey Collison (Grogan)  
Liam Corcoran (Savchenko)  
Alissa Hevesh (Kropp)  
Mark Larson (Grogan)  
Christian Ruiz (Farnsworth)

**PhD**

Kelvin Amon (Wade)  
Fernando Brito (Onel)  
Ting Cao (Moss)  
Roberto Cardenas (Asche)  
Adams Ceballos (Ropicki)  
Simon Codjo (Khachatryan)  
Julio Cruz (House)  
Iris Cui (Guan)  
Dinglin Duan (Gao)  
Sheikh Emran (Schmitz)  
Yujuan Gao (Mullally)  
Chuck Grigsby (Mullally)  
Suraj Gurung (Chen)  
Nick Haley (Blare)  
Meri Hambaryan (Lai)

**GSO Officers**

Meri Hambaryan (President), [m.hambaryan@ufl.edu](mailto:m.hambaryan@ufl.edu)  
Iris Cui (VP Social Affairs), [Xiurui.cui@ufl.edu](mailto:Xiurui.cui@ufl.edu)  
Sheikh Emran (VP Academic Affairs), [emran.s@ufl.edu](mailto:emran.s@ufl.edu)  
Ting Cao (Treasurer), [ting.cao@ufl.edu](mailto:ting.cao@ufl.edu)

**Master of Agribusiness**

Marco Acosta  
Shyanne Bell  
Amanda Bouchard  
Reilly Brooks (Lai)  
Zippy Broughton (Farnsworth)  
Austin Keel (Lai)  
LaTonya Middleton (Farnsworth)  
Alexandra Montoya  
Erik Tietig (Evans, Blare)

Fei He (Court)  
Roberto Koeneke (Court)  
Dongso Lee (Moss)  
Mengming Li (Court)  
Yi Li (Guan)  
Jianhui Liu (Kassas)  
Lijun Liu (Anderson)  
Wen Liu (Onel)  
Jordan Moor (Ropicki)  
Yefan Nian (Gao)  
Glory Okpiaifo (Kassas)  
Rajan Abhishek (Savchenko)  
Md Roknuzzaman (Mullally)  
Md Azhar Uddin (Gao)  
Yingchen Xu (Ward)

Faith Aiya (Secretary), [faithoiya@ufl.edu](mailto:faithoiya@ufl.edu)  
Wen Liu (Social Media), [wliu3@ufl.edu](mailto:wliu3@ufl.edu)  
Jordan Moor (PhD Rep), [jordanmoor@ufl.edu](mailto:jordanmoor@ufl.edu)  
Kealey Collison (MS Rep), [kealeycollison@ufl.edu](mailto:kealeycollison@ufl.edu)

## FRED Faculty & Research Areas

### [Damian Adams](#)

Natural Resource Economics/Policy, emphasis on invasive species, carbon sequestration, water resources.

### [Trent Blare](#)

Economic development, environmental and ecological economics, agribusiness. International experience in Brazil, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, and Peru.

### [James Anderson](#)

Environmental and Resource Economics, Consumer Economics and Marketing, Household Survey and Analysis, Experimental Economics, Non-market Valuation.

### [Kevin Athearn](#)

Regional Specialized Extension Agent, Rural and Agribusiness Development

### [Angelia Chen](#)

Experimental and Behavioral Economics, Economics of Trust, Agribusiness.

### [Jennifer Clark](#)

Food service and aquaculture production, agribusiness, and applied economics.

### [Christa Court](#)

Regional Economic Modeling, Energy-Water Nexus, Applied Spatial Econometrics, Environmental Accounting, Connections in Human and Natural Systems.

### [Edward "Gilly" Evans](#)

International Trade and Development, Policy Analysis, Commodity Research, Sanitary and Phytosanitary Issues, Pest Risk Analysis. International Experience in Trinidad and Tobago, Puerto Rico, Guyana, St. Lucia, Dominica, St. Vincent, Belize, Grenada, Barbados.

### [Di Fang](#)

Experimental Economics, Health Economics, Consumer Economics, Food Marketing.

### [Derek Farnsworth](#)

Market Integration Analysis, Production Economics, Invasive Species Management, Agribusiness Marketing, Agricultural Policy Analysis

### [Joao-Pedro Ferreira](#)

Economic impact analysis, input-output modeling techniques, urban and regional economics.

### [Zhifeng Gao](#)

Market Research, Consumer Behavior, Applied Econometrics, Quantitative Methods

### [Jared Gars](#)

Agriculture, Behavioral Economics, and Public Economics in developed and developing countries. International experience in Latin America and Africa.

### [Kelly Grogan](#)

Environmental and Natural Resource Economics, Economic Components of Sustainable Agriculture

### [Zhengfei Guan](#)

Farm Management, Labor Economics, Applied Econometrics, Agricultural Policy

### [Lisa House](#)

Agribusiness Marketing & Management, Consumer Preferences. Experience in EU, Latin America.

### [James Ji](#)

Environmental and Natural Resource Economics, Societal Impacts of Resource Use and Environmental Change.

[Bachir Kassas](#)

Experimental and Behavior Economics, Consumer Behavior, Health-Related Behavior, Preference Elicitation Mechanisms, Social Preferences.

[Hayk Khachatryan](#)

Horticultural Economics, Transport Economics, Applied Spatial Economics, GIS Applications in Consumer Economics and Marketing

[Jaclyn Kropp](#)

Agricultural Policy, Agricultural Finance, Advanced Production Economics, Financial Economics

[John Lai](#)

Market development of agricultural business operations.

[Sherry Larkin](#)

Marine Economics, Fisheries, Seafood Marketing, Bioeconomic Modeling, Survey Research.

[Kim Morgan](#)

Understanding significant factors which influence specialty crop producers to adoption new technologies and/or pursue new marketing channels, determining the physical, behavioral, and demographic characteristics of consumers motivated to seek out food and food products sold directly from the farm, and assessing the economic impacts of natural or man-made hazards on the private and public sectors of the state.

[Chuck Moss](#)

Agricultural finance, production economics, agricultural policy, new institutional economics, optimization, econometric methods. Experience in Mexico (coffee production, marketing).

[Conner Mullally](#)

Program Evaluation and Development Economics. International Experience in Latin America and Africa.

[Mike Olexa](#)

Agricultural and Natural Resource Law. International Experience in Brazil.

[Gülcan Önel](#)

Agricultural Supply/Demand, Price Transmission, Trade, Exchange Rates, Econometrics, Labor

[Nathan Palardy](#)

State and Local Government Policy, Regional Economics.

[Andrew Ropicki](#)

Socioeconomic analysis of fisheries management and governance, social network analysis of natural resource management issues, economics of marine aquaculture, and evaluation of the economic impacts of marine industries

[Olesya Savchenko](#)

Agricultural and environmental economics, decisions of individuals and groups including consumers and landowners, insight into behavioral changes leading to better agri-environmental outcomes and policies.

[Andy Schmitz](#)

International Trade, Industrial Organization, Marketing, Policy. International Experience in Czech Republic, Canada, Australia, Mozambique, Germany, Bulgaria, Costa Rica, Turkey, Sri Lanka, Romania.

[Jim Seale](#)

Econometrics, international consumption patterns for foods and other consumption goods in low, middle, and high-income countries, international trade, and development policy. International experience in China.

[Misti Sharp](#)

Environmental and Resource Economics, Institutional Economics, Teaching and Learning. Lecturer: Quantitative Methods, Economics of Natural Resource Use, Agricultural Data Analysis

[Ariel Singerman](#)

Farm and Risk Management, Policy Analysis, Crop Insurance.

[Caleb Stair](#)

Natural resource economics specifically related to wildlife, regional economics, and spatial econometrics.

[Suzanne Thornsby](#)

Specialty Crop Policy and Marketing, Innovation in Agriculture and Food, and Federal Policy.

[Pilar Useche](#)

Development Economics, Innovation and Technology, Adoption of GMOs, Inequality in Latin America, Natural Resource Management, Cooperation and Behavioral Economics. International Experience in Nicaragua, Honduras, Colombia, Ecuador.

[Tara Wade](#)

Costs of Ecosystem Services, Conservation Policy Design, and Climate change Adaptation

[Patrick Ward](#)

International Development, Sustainable development with emphasis on developing country agriculture. International experience in South Asia, China, Malawi, and Kenya.

[Weizhe Weng](#)

Environmental and Natural Resource Economics, Water Policy, Valuation of Ecosystem Service.

[Al Wysocki](#)

Global Trends in the US Food System and its Impact on the Florida Food System and Developing Florida's Human Resources.

[Xumin Zhang](#)

Lecturer, Consumer, Behavioral, and Experimental Economics, Pro-Environmental Behavior, Food and Agribusiness Management and Marketing.

#### **Post-Doc Associates**

[Robert Botta](#)

Utilization of economic analysis to inform decision-making processes surrounding coastal marine resources.

[Sherry Qiao](#)

Geographical pattern analysis of supply chain, and disaster impact analysis for agriculture, leveraging interdisciplinary technologies (GIS, Data Science, Informatics) to solve research questions in agriculture and environmental science.

[Bijeta Saha](#)

Sustainability issues that are relevant to Florida, measuring impacts of environmental dis-amenities such as point sources of toxic releases or hazard events.

[Sungeun Yoon](#)

Consumer Behavior, Food Marketing, and Food and Environmental Policies and programs.



**AEB 5188 Economics of Agribusiness Decisions (3)**

Comprehensive treatment of microeconomic theory and its use in managerial decision-making. Fundamental economic concepts of the business firm and its strategic and operating decisions are developed. Students learn to develop strategic skills and vision in analyzing and understanding the process of entrepreneurship and value creation. Emphasis on economic principles underlying the identification of market opportunities, creation of appropriate organizational structures and competitive dynamics of markets.

**AEB 5326 Agribusiness Financial Management (3)**

Integration of finance and management decision-making tools to solve advanced financial and other management problems faced by agricultural firms and agribusinesses.

**AEB 5516 Quantitative Methods in Agribusiness Decisions (3)**

Introduction to variety of quantitative methods with application to business decision-making contexts. Topics include basic quality control analysis, econometric analysis, and business forecasting. Emphasis on correct application of methodologies and the use of Microsoft Excel.

**AEB 6106 Microeconomic Principles and Analysis (3)**

Further the development and understanding of microeconomic theory through stressing mathematical structure of microeconomics by including intuitive explanations of principle results.

**AEB 6183 Agribusiness Risk Management (3)**

Review the conceptual framework of decision analysis. Examine and develop applied risk analysis skills useful for risk management decision-making by agricultural producers, agribusinesses, and researchers. Objectives are to improve the student's understanding of the methodology of making decisions, improve the student's understanding of risk management and the analysis of risk management tools, locate, and use data and information from various sources to use in risk analysis and management, and understand and apply basic computer and mathematical decision-making aids to firm level problems and decisions.

**AEB 6225 Public Policy and the Agribusiness Firm (3)**

Focuses on understanding the policy-development process and analyzing domestic and international policies and their influence on the decisions and success of agribusiness firms. Emphasis placed on developing a policy perspective and an understanding of the significance of policy dynamics. Analysis of policy environments, drivers, mechanisms, and processes. Examination of the economic and political forces underlying policy formation and change. Exploration of the impact of current policies and policy issues on agribusiness firms, the relationship between policy signals and firm decisions, and the avenues for influencing the policy process.

**AEB 6301 Food Wholesale and Retail Marketing (3)**

Designed to give students the opportunity to participate in open discussion forums led by the instructor and industry leaders. Guide students' understanding of how effective marketing and management is achieved by food producers, processors, and distributors in response to the rapidly changing and highly diverse consuming public. Faculty and invited industry practitioners participate and share observations of the dynamic global food industry.

### **AEB 6385 Management Strategies for Agribusiness Firms (3)**

Planning, organizing, implementing, and evaluating the agribusiness management functions of strategic planning, finance, marketing, and personnel. Designed to help students synthesize across their formal and informal learning of the general principles of marketing, finance, accounting, and human resource management. The successful student will be able to assess situations, analyze problem settings, choose wisely, defend choices, and persuade successfully. Course represents the theory and practical application of strategic management concepts as a template to learn and guide the development of this basic skill set.

### **AEB 6553 Elements of Econometrics (3)**

First year graduate course in designed to help students understand and apply an econometric approach to problem solving. Major emphasis placed on applications of methods to economic problems in economics and related fields. Econometric problem solving and determining quantitative relationships among economic variables in agriculture and related industries. Students will learn to apply econometric tools to modeling, estimation, inference and forecasting in the context of real-world problems, use related econometric software to estimate econometric models, evaluate and interpret the results and conclusion of econometric models and build up their foundation for advanced econometrics courses

### **AEB 6675 International Agribusiness Marketing (3)**

Principles, trends, issues, barriers, policies, strategies, and decisions involved in international marketing, with emphasis on perishable and storable agricultural commodities and food products. Combines firm-level agribusiness-marketing concepts with strategic international agribusiness marketing and export applications. Includes development and presentation of an international agribusiness-marketing plan.

### **AEB 6817 Survey Research Methods for Economists (3)**

Introduces students to the history, theories, and methods of survey research. Focus on the design, development, execution, and analysis of surveys and related research methods. Includes survey sampling, question construction, questionnaire design, interviewing techniques, survey data analysis, research ethics, multiple survey modes: in-person, mail, internet, and telephone as well as focus groups and sensory evaluation of data collection methods.

### **AEB 6933 Econometrics III: Discrete Choice, Panel Data, Time Series (3) (rotating)**

Rotating topic course exposes students to different econometric modeling techniques and provides guidance on the econometric part of the research projects for students in their dissertation-writing stage.

#### **Panel Data and Systems Analysis**

Covers panel data and systems of equations. Range of topics spans a large part of econometrics, though is interested in those techniques as they are adapted to the analysis of 'panel' or 'longitudinal' data sets. Topics include specification, estimation, and inference in the context of models that include individual (firm, person, etc) effects. Course begins with a development of standard panel data settings involving 'fixed' and 'random' effects, then moves to instrumental variables, unrelated regressions, maximum likelihood, generalized method of moments (GMM), and two-step estimation methods. The linear model extends to dynamic models and recently developed GMM and instrumental variables techniques.

### **Econometrics Seminar in Discrete Choice Methods**

Seminar on econometrics and economics of discrete choice models, with focus on correct application of empirical methods, and correct interpretation of their results under the light of sound economic theory.

### **Applied Time Series Econometrics**

Issues pertaining to economic and financial time-series, for which observations are collected at regular time intervals and correlations among successive observations, are nonzero. While the relevant theory will be covered, the priority will be given to learn how to apply these methods to univariate and multivariate time series used in economics and finance research. As such, a significant amount of class meeting time will be allocated to illustrating how to implement different time-series methods using [R statistical software](#).

### **AEB 6933 Economic Development in Latin America (3)**

Because policies that impact development are wide-ranging, as it is as important to understand broad macroeconomic policies, such as monetary and exchange-rate policies, as it is to examine local interventions and projects. This course has the dual purpose of familiarizing students with the most important development policy issues in Latin America and the world, as well as providing them with important tools for analyzing economic development and the impact of development projects.

### **AEB 6933 Experimental Economics (3)**

Description forthcoming

### **AEB 6933 Health Economics (3)**

Designed to introduce concepts of food, nutrition, and health and economic and statistical tools we apply to study issues in food, nutrition, and health. The course provides an overview of the roles and interests of federal agencies, private-sector firms, and the media relevant to US food policy. Covers topics including the issues in the US healthcare system, Medicare and Medicaid, demand, and supply of health insurance, and comparing international perspectives on health policies and programs used to support global nutrition, health promotion, and wellness goals.

### **AEB 6933 Regional Economic Modeling (3)**

Given a specific economic shock, two distinct regions or countries will react differently. Economic structure matters, and the location of industries and households' shapes how economic impacts are spatially distributed within a country, state, or county. This course will focus on methods and tools employed by regional economists to analyze, describe, forecast, and make policy recommendations at state or local level. Students explore concepts associated with value-chains, international and interregional trade, innovation, competitiveness, migration, labor markets, and income distribution and apply them to a specific industry or region in Florida.

### **AEB 6933 Economics of Environmental Policy and Sustainability (3)**

A discussion-based course designed to provide students interested in environmental policy and sustainability with a broad overview of the field. Students will be introduced to a wide range of contemporary environmental topics and will gain knowledge of analytical economic tools used to analyze and design environmental policy. The course will be organized around the following key topics: externalities and market failure, choice of environmental policy instruments, commonly used nonmarket valuation techniques and their implementation, behavioral economics approach to environmental policy, and economics of sustainability.

### **AEB 6942 Advanced Applications in Agribusiness Experience (3)**

MAB/MSAB present paper detailing the internship or capstone project experience.

### **AEB 6971 Masters Research (S/U)**

The objective is for the student to emerge from the thesis process with a solid understanding of how original research is executed and how best to communicate the results. Includes topic selection, collecting and analyzing data, drafting, and presenting the thesis proposal, writing & revisions, defense, and final submission to the Graduate School.

### **AEB 7108 Microeconomic Theory II (3)**

Focuses on advanced topics in microeconomic theory in the light of contemporary thought. Attention given to general equilibrium theory and applications, welfare economics and economics of choice under uncertainty. Introduction of special topics such as models under market power will. Theory of the firm, market theory, market failure (externalities, market power, and asymmetric information). Game theory and applications. General equilibrium theory, welfare trade theory and agricultural trade policy.

### **AEB 7184 Production Economics**

Introduction to the standard theoretical and empirical models used in the investigation of firm level production decisions.

### **AEB 7220 Agricultural Trade Policy and Welfare Economics (3)**

Basics of applied welfare economics with applications to trade and agricultural policies in the United States and worldwide. Topics include the economics of biofuels, GMOs, international tariff retaliations, and the ratification of international agricultural trade policies.

### **AEB 7240 Macroeconomic Theory in Open Economies I (3)**

Essential elements of macroeconomic theory and policy in world of interdependent nations. Enables students to read and comprehend current economic literature in open macroeconomics and to give students the necessary foundation to continue self-study and begin research.

### **AEB 7333 Applied Valuation Methods (3)**

Focus on application of valuation methods frequently used for the valuation of market and non-market goods and services. Begins with basic economic theory to derive the willingness to pay (WTP) measures, followed by learning empirical methods used to elicit consumer WTP.

### **AEB 7373 Consumer Demand and Applied Analysis (3)**

Students master theoretical foundations of consumer demand and behavior and the ability to formulate and implement empirical applications of consumer-demand modeling based on solid theoretical foundations. Students will learn to read and comprehend current economic literature in consumer demand and applied analysis for the necessary foundation to continue self-study and the knowledge and skills enabling them to conduct research in this area.

### **AEB 7453 Natural Resource Economics (3)**

Examines allocation of scarce resources as well as the incentives in place that lead to excessive exploitation of resources and presents ways to alter incentives to reach socially optimal use patterns. Natural resource problems usually include dynamic and/or spatial components, creating challenging, but intellectually rich problems to study.

**AEB 7483 Seminar in Environmental Economics (3)**

Externalities, design of environmental policy, cost-benefit analysis, and non-market valuation. Economic theories applicable to address environmental problems as well as quantitative tools to derive intuition, test hypothesis, and measure changes because of environmental policy.

**AEB 7571 Econometric Methods I (3)**

Introduces students to current econometric methods and underlying econometric theory in preparation for empirical research. Least squares procedures studied, including hypothesis testing, limitations of standard linear model and alternative estimation approaches.

**AEB 7572 Econometric Methods II (3)**

Thorough introduction to the basic techniques in modern econometrics. Focuses on theoretical and empirical applications. Topics in econometrics include single equation, multiple equation linear and nonlinear models.

**AEB 7573 Applied Microeconometrics (3)**

Focus on estimating treatment effects, that is, causal effects of changes in the economic environment on persons, communities, states, countries, and other individual unit of analysis.

**AEB 7645 Economic Development and Agriculture (3)**

Relation of human, capital, and natural resources, technology, and institutions to income growth and distribution. Development strategies in low-income countries. The course begins by looking at issues in the measurement of poverty, inequality, and vulnerability.

**AEB 7979 Advanced Research (S/U)**

PhD research for students not yet admitted to candidacy.

**AEB 7980 Doctoral Research (S/U)**

PhD research for students admitted to candidacy.