

Agricultural and Natural Resource Communication

- Structured for students who want to learn how to communicate more effectively in the workplace.
- Courses are offered on digital media development, desktop layout and design, special event and instructional workshop planning, intercultural communications, social media strategy development, technical writing, social media, and oral communication, all within the context of agricultural and life sciences.
- A minor in agricultural and natural resource communication can help prepare you for careers in communications, marketing, video production, government relations, sales, recruitment, social media, journalism, and many others!

Agricultural Curriculum and Development

- Prepares students for formal and non-formal curriculum development and training. It can provide further education for becoming an agricultural educator, agricultural trainer, and/or a curricular designer for formal and non-formal educational settings, especially when paired with a technical content focus such as animal sciences, horticulture, food science, or others.
- Minor in agricultural curriculum and development does not include teacher certification.

Extension Education

- The minor offers course work in non-formal and formal educational methods, adult education, leadership, youth programs, and communication methods, along with field experience. It supplements other majors and prepares students for careers in the Cooperative Extension Service.
- There are a multitude of job opportunities in Extension throughout the United States. More than 16,000 Extension Agents are employed across the 3,154 counties in the United States. Florida, alone, had approximately 370 agents who conduct non-formal educational programs in agriculture, natural resources, family/consumer science, marine science, and 4-H/youth development. Besides Extension, career opportunities could include various government and non-government organizations.

Leadership

- Students in the leadership minor will develop fundamental skills, capacities, and knowledge to assume leadership, supervisory, or management positions in public, private, and non-profit organizations. Because the minor is interdisciplinary, it draws on the expertise of faculty and staff in colleges across the campus including Agricultural and Life Sciences, Business Administration, Health and Human Performance, Journalism and Communications, Psychology, and Liberal Arts and Sciences.
- In order to be considered, students must meet the requirements as listed and complete the application on the AEC website:
<https://aec.ifas.ufl.edu/undergraduate/minors/leadership/>
- The minor is open to all University of Florida students.

Undergraduate Certificate

Global Change & Leadership Certificate (Challenge 2050)

- The Challenge 2050 Program at the University of Florida equips students to lead systemic change in addressing the complex challenges of our global society.
- Undergraduate students in any major may complete the Global Leadership and Change Certificate. This certificate requires students to take four classes to further understand human well-being and sustainability in order to address global challenges associated with population growth.
- Those seeking more information about the Challenge 2050 Program or the Global Leadership and Change Certificate should contact Dr. Natalie Coers, program director, at ncoers@ufl.edu, or Becky Raulerson, advisor for AEC minors and certificates, at beckyraulerson@ufl.edu.

Graduate Certificates

Agriscience Secondary Teacher Preparation

- This certificate is 18 graduate credit hours and establishes a formal route for educators that leads to Florida Teacher Certification in agricultural education at the secondary level. It is placed at the graduate level because this is a formal Agriscience Secondary Teaching Preparation Graduate Certificate as outlined by the FDOE which requires a bachelor's degree plus certification coursework and the relevant FDOE certification tests. Credits from this certificate will transfer into our existing master's programs in Agricultural Education and Communication.

Teaching & Learning in Agricultural and Life Sciences

- 9 credit hours (Three 3-credit courses)
- Designed to assist individuals in agriculture and natural resources improve teaching skills in formal and informal settings. Specifically, the topics to be addressed include theories, principles, and practices associated with effective instruction in a variety of educational programming settings.

Leadership in Agriculture and Natural Resources

- 9 credit hours (Three 3-credit courses)
- Students will gain a comprehensive understanding of leadership through theoretical development and application in agriculture and natural resource settings. Promotion of leadership in organizational and community settings with an emphasis on teamwork, conflict management, and personality make up coursework students in this certificate program will complete.