

AGRICULTURE, LANDSCAPE & ENVIRONMENT (ALE)

Courses

ALE 5990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

ALE 5991. Internship. 1-18 Credits.

On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

ALE 5993. Independent Study. 1-18 Credits.

A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

ALE 5994. Teaching Assistantship. 1-3 Credits.

Student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

ALE 5995. Graduate Independent Research. 1-18 Credits.

Student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

ALE 6010. Professional Skills Colloquium. 1 Credit.

Presentation and peer review of oral and written communication. Professional development skills including technical writing, literature review, mentorship, scientific integrity, grant proposals, and job market.

ALE 6110. Introduction to Agroecology. 3 Credits.

In-depth overview of research and applications in the field of agroecology, with a focus on providing the student with conceptual and analytical content.

ALE 6120. Ecological Foundations of Agro. 3 Credits.

Examines the ecological foundations of agroecology, largely from a biophysical perspective. Over the course of three sequential modules, students will explore the fundamental principles of ecology and their application to agricultural systems and landscapes. Prerequisite: ALE 6110 or Instructor permission.

ALE 6130. PAR & Transdiscipl Agroecology. 3 Credits.

Introduces students to Participatory Action Research (PAR) in the context of agroecology, and examines how the integration of PAR and transdisciplinary approaches can serve to deepen our collective understanding of complex problems/issues. Prerequisite: ALE 6110.

ALE 6140. Agroecol, Food Sov. & Soc Mov.. 3 Credits.

Investigates social, political, and economic elements of the global food system from multiple perspectives, considering the ability to scale-up agroecology, and the potential intersection between agroecology, food sovereignty and government policies.

ALE 6150. Agroecology Grad Capstone. 3 Credits.

The capstone designed for the application of newly developed knowledge and skills in a culminating experience/project that addresses an agroecological topic relevant to the individual student. Prerequisites: ALE 6110, ALE 6120, ALE 6130, ALE 6140.

ALE 6391. Master's Thesis Research. 1-18 Credits.

Research for Master's Thesis.

ALE 6940. Seminar Series. 1 Credit.

Presentations of personal research by faculty, Graduate students, and outside guest speakers. Attendance and oral presentations are required of Graduate students in Plant & Soil Science. Repeatable two times for Master's students and four times for Doctoral students.

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ALE 7491. Doctoral Dissertation Research. 1-18 Credits.

Research for Doctoral Dissertation.

ALE 7990. Special Topics. 1-18 Credits.

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