INTERNATIONAL AGRICULTURAL DEVELOPMENT (GRADUATE GROUP)

Graduate Studies

Kate Scow, Ph.D., Professor (Land, Air, & Water Resources), Chairperson of the Group

Group Office

1244 Plant & Environmental Sciences Building; 530-752-4839; International Agricultural Development Graduate Group (http://iad.ucdavis.edu); Faculty (https://iad.sf.ucdavis.edu/people/)

- International Agricultural Development, Master of Science (https://catalog.ucdavis.edu/departments-programs-degrees/international-agricultural-development-graduate-group/international-agricultural-development-ms/)

International Agricultural Development (Graduate Group) (IAD)

IAD 200N — Philosophy & Practice of Agricultural Development (5 units)

Course Description: Introduces key elements of philosophy and practice of agricultural development in less developed countries; major paradigms of development; historical context within which these paradigms operate; various development techniques and initiatives emerging from agricultural production to institutional capacity building and management.

Learning Activities: Lecture/Discussion 5 hour(s), Term Paper.

Credit Limitation(s): Not open for credit to students who have completed former IAD 202.

Grade Mode: Letter.

IAD 201 — Economics of Small Farms & Farming Systems (4 units)

Course Description: Economic perspective on small farm development. Establishes a basis for predicting farmers’ responses to changes in the economic environment, and for proposing government policies to increase small farm production and improve farmer and national welfare.

Prerequisite(s): ARE 100A or ECN 100; or the equivalent.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

IAD 202N — Analysis & Determinants of Farming Systems (4 units)

Course Description: Unifying concepts of cropping systems in temperate and tropical climatic zones; agroecosystems stability, diversity and sustainability; management strategies, resource use efficiency and their interactions; role of animals, their impact on energy use efficiency, nutrient cycling, and providing food and power.

Prerequisite(s): PLS 110C or PLS 111; or the equivalent.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Credit Limitation(s): Not open for credit to students who have completed former IAD 200.

Grade Mode: Letter.

IAD 203N — Project Planning & Evaluation (4 units)

Course Description: Interdisciplinary setting for application of student skills and specialization to a “real world” development project. Focus on team-building and effective interdisciplinary problem-solving methods, with the objective of producing a project document and presentation within a specified deadline.

Prerequisite(s): IAD 200N; or consent of instructor.

Learning Activities: Discussion 1 hour(s), Workshop 3 hour(s).

Credit Limitation(s): Not open for credit to students who have completed former IAD 203.

Grade Mode: Letter.

IAD 290 — Seminar in International Agricultural Development (1-2 units)

Course Description: Discussion and critical evaluation of advanced topics and issues in international agricultural development.

Prerequisite(s): Consent of instructor.

Repeat Credit: May be repeated.

Grade Mode: Satisfactory/Unsatisfactory only.

IAD 291 — Topics in International Agricultural Development (1-3 units)

Course Description: Selected topics dealing with current issues in agricultural development in lesser developed nations. Variable content.

Prerequisite(s): Consent of instructor.

Repeat Credit: May be repeated 1 time(s).

Grade Mode: Letter.
IAD 292 — Graduate Internship (1-12 units)
This version has ended; see updated course, below.
Course Description: Individually designed supervised internship, off or on campus, in community, business or institutional setting. Developed with advice of faculty mentor and Humphrey Coordinator.
Prerequisite(s): Participation in H. Humphrey Fellow Program or consent of instructor.
Learning Activities: Internship 3-36 hour(s).
Grade Mode: Satisfactory/Unsatisfactory only.

IAD 292 — Graduate Internship (1-12 units)
Course Description: Individually designed supervised internship, off or on campus, in community, business or institutional setting. Developed with advice of faculty mentor and Humphrey Coordinator.
Prerequisite(s): Participation in H. Humphrey Fellow Program or consent of instructor.
Learning Activities: Internship 3-36 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Satisfactory/Unsatisfactory only.
This course version is effective from, and including: Winter Quarter 2023.

IAD 298 — Directed Group Study (1-5 units)
Course Description: Directed group study.
Prerequisite(s): Consent of instructor.
Learning Activities: Variable 1-5 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Satisfactory/Unsatisfactory only.

IAD 299 — Research (1-12 units)
Course Description: Research.
Prerequisite(s): Consent of instructor.
Learning Activities: Variable 1-12 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Satisfactory/Unsatisfactory only.