

# 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.

*Learning Activities:* Seminar 1-2 hour(s).

*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.

*Learning Activities:* Lecture/Discussion 1-3 hour(s).

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

*Grade Mode:* Letter.

### 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).

*Grade Mode:* Satisfactory/Unsatisfactory only.

### 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.