INTERNATIONAL AGRICULTURAL DEVELOPMENT (IAD)

College of Agricultural & Environmental Sciences

IAD 010 — Introduction to International Agricultural Development (4 units)

Course Description: Theories, practices and institutions relating to agricultural development; the interaction of changing social, cultural and economic organization through successive stages of economic development; impact of new agricultural technology on underdeveloped regions.
Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).
Grade Mode: Letter.
General Education: Social Sciences (SS); World Cultures (WC); Writing Experience (WE).

IAD 092 — Internship (1-12 units)

Course Description: Supervised internship, off and on campus, in community and institutional settings.
Prerequisite(s): Consent of instructor.
Learning Activities: Internship 3-36 hour(s).
Grade Mode: Pass/No Pass only.

IAD 103 — Social Change & Agricultural Development (4 units)

Course Description: How social and cultural factors influence technological change in agriculture; theories of diffusion of innovations; social impact analysis and technology assessment.
Prerequisite(s): Introductory social science course (Anthropology (ANT), Sociology (SOC), Economics (ECN), International Agricultural Development (IAD)).
Learning Activities: Lecture/Discussion 4 hour(s).
Grade Mode: Letter.
General Education: Social Sciences (SS); Writing Experience (WE).

IAD 142 — Equipment & Technology for Small Farms (2 units)

Course Description: Types and characteristics of agricultural equipment and technologies appropriate for small commercial farming. Adjustment and calibration of equipment. Selection of and budgeting for equipment.
Learning Activities: Lecture 1 hour(s), Laboratory 3 hour(s).
Cross Listing: ABT 142.
Grade Mode: Letter.
General Education: Science & Engineering (SE); Quantitative Literacy (QL); Visual Literacy (VL).

IAD 160 — Agroforestry: Global & Local Perspectives (3 units)

Course Description: Traditional and evolving use of trees in agricultural ecosystems; their multiple roles in environmental stabilization and production of food, fuel, and fiber; and socioeconomic barriers to the adoption and implementation of agroforestry practices.
Prerequisite(s): PLS 002 or BIS 001C or BIS 002C; (PLS 142 or PLS 150 or BIS 002B); or general ecology course in lieu of PLS 142 or PLS 150 or BIS 002B.
Learning Activities: Lecture/Discussion 3 hour(s).
Credit Limitation(s): Not open for credit to students who have taken previously taken AMR 160. (Former AMR 160.)
Cross Listing: PLS 160.
Grade Mode: Letter.
General Education: Science & Engineering (SE).

IAD 170 — Program Development for International Agriculture (4 units)

Course Description: Principles of leadership and management for international agricultural development. Organizations and organizational behavior, and the implications for planning and administering organizations involved in the global development effort.
Prerequisite(s): IAD 010.
Learning Activities: Lecture/Discussion 4 hour(s).
Grade Mode: Letter.

IAD 190 — Proseminar in International Agricultural Development (1 unit)

Course Description: Presentation and discussion of current topics in international agricultural development by visiting lecturers, staff and students.
Learning Activities: Seminar 1 hour(s).
Enrollment Restriction(s): Pass One is restricted to International Agricultural Development majors only.
Repeat Credit: May be repeated.
Grade Mode: Pass/No Pass only.

IAD 192 — Internship (1-12 units)

Course Description: Supervised internship, off and on campus, in community and institutional settings. May be taught abroad.
Prerequisite(s): Consent of instructor.
Learning Activities: Internship 3-36 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Pass/No Pass only.

IAD 198 — Directed Group Study (1-5 units)

Course Description: Directed group study. May be taught abroad.
Prerequisite(s): Consent of instructor.
Learning Activities: Variable 1-5 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Pass/No Pass only.

IAD 199 — Special Study for Advanced Undergraduates (1-5 units)

Course Description: Special study for advanced undergraduates. May be taught abroad.
Prerequisite(s): Consent of instructor.
Learning Activities: Variable 1-5 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Pass/No Pass only.

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)

Starting Fall Quarter 2026, this course is no longer offered.
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.
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).
Repeat Credit: May be repeated.
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.

IAD 396 — Teaching Assistant Training Practicum (1-4 units)

Course Description: Teaching assistant training practicum.
Prerequisite(s): Graduate standing.
Learning Activities: Variable 3-12 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Satisfactory/Unsatisfactory only.