

# INTERNATIONAL AGRICULTURE AND DEVELOPMENT

## Degree Requirements

Requirements listed here are in addition to requirements listed in GCAC-208 Dual-Title Graduate Degree Programs (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-208-dual-titles/>).

To qualify for the INTAD dual-title degree, students must satisfy the requirements of the primary graduate program in which they are enrolled. In addition, they must satisfy the minimum requirements of the INTAD dual-title degree specified here.

Graduates of the dual-title INTAD master's degree program who wish to pursue an INTAD doctoral degree must re-apply to the INTAD program for admission. INTAD master's degree credits may be carried over to the doctoral program. Six additional INTAD credits will be required. INTAD master's degree graduates who pursue an INTAD Ph.D. are required to take INTAD 820 a second time.

## Master's Degrees

### Course Requirements

Students are required to complete a minimum of 13 INTAD course credits (400, 500, or 800) for a dual-title master's degree. Ten credits will form the core curriculum:

Code	Title	Credits
<b>Required Courses</b>		
INTAD 820	International Agricultural Development Seminar	3
RSOC 517	International Rural Social Change	3
INTAD 577	Global Agricultural Systems	3
INTAD 590	Colloquium	1
<b>Electives</b>		
The remaining three credits must be taken as an internship or applied course/independent study with international development content.		3
<b>Total Credits</b>		<b>13</b>

Final course selection is determined by the students, their major program advisers and their INTAD advisers. These advisers will discuss with the student a program of study that meets the student's career goals and that is in accord with the policies of the Graduate Council and the INTAD dual-title program. Some courses may satisfy both the major graduate program requirements and those of the INTAD dual-title program.

### Thesis

Students pursuing a M.S. degree that requires a master's thesis, in addition to the 13 credits specified above, must write the thesis on a topic that reflects both their primary graduate program and the dual-title in INTAD. At least 6 thesis research credits (600 or 610) must be taken in the student's primary graduate program.

All members of the student's committee for the dual-title master's degree will be members of the Graduate Faculty. The committee must include at least one Graduate Faculty member from INTAD.

## Doctoral Degrees

Students admitted to the doctoral INTAD dual-title offering must exhibit high research competence, including ability to identify, conceptualize, and execute a significant research project that makes a significant addition to the body of knowledge in the field. Students also must be fluent in reading, writing, and speaking English.

### Course Requirements

Students are required to complete a minimum of 19 INTAD credits for a dual-title Ph.D. degree. The 19 required credits must be at the 500 or 800 level. Thirteen credits will form the core curriculum:

Code	Title	Credits
<b>Required Courses</b>		
INTAD 820	International Agricultural Development Seminar	3
RSOC 517	International Rural Social Change	3
INTAD 577	Global Agricultural Systems	3
EDCE 525	Program Design and Delivery	3
INTAD 590	Colloquium	1
<b>Electives</b>		
Three credits must be taken as an internship or applied course/independent study with international development content.		3
Three credits must be taken from among the INTAD electives.		3
<b>Total Credits</b>		<b>19</b>

In addition, students will be encouraged to pursue proficiency in a language other than English, as appropriate.

Final course selection is determined by the students and their Ph.D. committees. The Ph.D. committee will discuss with the student a program of study that meets the student's career goals and that is in accord with the policies of the Graduate Council and the INTAD dual-title program. Some courses may satisfy both the major graduate program requirements and those of the INTAD dual-title program. Permission from a student's Ph.D. committee, in consultation with the program chair, is required to substitute a 400-level course for a 500-level course.

### Qualifying Examination

The qualifying examination committee for the dual-title Ph.D. degree must include at least one Graduate Faculty member from INTAD program. Faculty members who hold appointments in both programs' Graduate Faculty may serve in a combined role. It is preferred that students take a single qualifying examination, containing elements of both the primary program and INTAD. However, in cases when students matriculate into a dual-title after they have already completed the primary program qualifying exam, a second qualifying exam may be taken for the dual title, according to policy GCAC-604 and the guidelines of the dual-title program.

Dual-title graduate degree students may require an additional semester to fulfill requirements for both areas of study and, therefore, the qualifying examination may be delayed one semester beyond the normal period allowable.

### Committee Composition

In addition to the general Graduate Council requirements for Ph.D. committees (<http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-600/phd-dissertation-committee-formation/>), the Ph.D. committee of an INTAD dual-title doctoral degree student must include at least one member of the INTAD Graduate Faculty. Faculty members who hold appointments in both programs' Graduate Faculty may serve

in a combined role. If the chair of the Ph.D. committee is not also a member of the Graduate Faculty in INTAD, the member of the committee representing INTAD must be appointed as co-chair.

### **Comprehensive Exam**

At the end of their course work, students must pass a comprehensive examination that follows the guidelines established by the primary program and reflects both their primary program and the dual-title degree curriculum. International agriculture must be one of the key areas of the exam and the INTAD representative on the student's Ph.D. committee must have input into the development of and participate in the evaluation of the comprehensive evaluation.

### **Dissertation and Dissertation Defense**

Doctoral students enrolled in the dual-title degree program are required to write and orally defend a dissertation on a topic that reflects their original research and education in both their primary program and the INTAD dual-title program. The dissertation should contribute to the body of knowledge in international agriculture. A public oral presentation of the dissertation is required. The dissertation must be accepted by the Ph.D. committee, the head of the graduate program, and the Graduate School, and the candidate must pass a final oral examination (the dissertation defense) to earn the Ph.D. degree.