

Instructional Design, Development and Evaluation
DOCTORATE OF PHILOSOPHY (Ph.D.)

The Syracuse University-Instructional Design, Development and Evaluation program (IDD&E) offers this doctoral (Ph.D.) degree program to help students develop scholarly inquiry skills and practices to conduct and consume research investigating topics related to learning and performance; instructional design, development, implementation, evaluation, and management; and instructional and educational technologies. Doctoral students develop depth of knowledge of the theories and practices used in the instructional sciences and the competencies to conduct, report, and interpret research. The curriculum includes courses that blend *soft* technologies (e.g., thinking models and theories, research and evaluation methodologies and processes, interpersonal communications, and software) and *hard* technologies. Through practical and research-oriented projects and experiences and an active residency program, students develop into scholars who can conduct, publish, and consume research in a variety of instructional and professional settings.

STUDENTS WHO APPLY TO THE IDD&E DOCTORATE are expected to have already earned a master's degree in the instructional sciences or a closely related field. Admission also requires a position paper that describes why you are interested in IDD&E, why you are pursuing a doctorate credential, and what you intend to do upon graduation. Successful applicants demonstrate that they are focused in the instructional sciences, have an area of inquiry related to our faculty, and are pursuing either academic, research institution, or high-level leadership careers requiring competencies to conduct or consume research and scholarship. Please review our web site (idde.syr.edu) for additional information on admissions (e.g., other requirements, due dates).

The doctoral program of study is composed of course work, community building with professionals in our field, and residency activities in which you engage in research

and other scholarly activities. Generally, pursuing a doctorate requires full-time study to gain depth of knowledge and research methods. Our goal is to help our doctoral students become scholarly. This takes focus, effort, time, and commitment from both IDD&E faculty and doctoral students. And it pays off. Our graduates have earned their ways into highly sought-after academic and research positions all over the world; they have grown into high-level leadership positions in business and industry, military and government, higher education, and other contexts, and many are world-class authors, hold elected positions in major associations, and consult on national and international initiatives. Our rigorous preparation strives to prepare graduates for these types of positions.

IDD&E doctoral students are prepared to enter scholarly professions. Some choose to enter an Academic Research career while others move toward senior-level

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Elements of the DOCTORATE PROGRAM OF STUDY

- A minimum of 90 credit hours beyond a bachelor's (including a master's degree) degree
 - 51 instructional sciences depth/elective credits (minimum, with 50 percent from Syracuse University)
 - 30 research methodology and data analysis credits (minimum)
 - 9 dissertation credits (minimum)
- Portfolio review/exam (after 45 to 66 credits of coursework)
- Research apprenticeship (based on future dissertation work)
- Residency activities (e.g., presentations, publications, service work, networking)
- Written qualifying exams, including writing and defending a dissertation proposal
- Conducting and defending dissertation research

Professional Practices careers that are related to the instructional sciences. The formal course preparation is the same for both, however the focus of projects, apprenticeships, residency activities, and investigations lend themselves to research or applied practice based career aspirations. Special emphasis is given to in-depth methodological training, extensive research experience, advanced expertise in a focused area of inquiry, participation in academic and professional research communities, and the development of teaching skills. This is balanced with extensive experience with applied projects, the flexibility to work in teams on a broad range of problems, participation in applied professional communities, and the development of management and leadership skills. IDD&E has high expectations for all its Ph.D. graduates, whether focusing on academic research or professional studies; thus, the research preparation is similar.

The doctoral process has expected time lines for completion. It is expected that students will complete all required course work and the research apprenticeship within 4 years. Students then have up to 1 additional year to complete the qualifying exam process, including defending and passing the dissertation proposal. Focused students have completed course work, research apprenticeship, and qualifying exams by the end of their 3rd year, however typical students will take 4 years. Students then have up to 5 years to complete and defend their dissertation. Completion rates for dissertation defense varies by study type and student focus.

See more information about the entire doctoral study process in the [IDD&E Doctoral Handbook](#) on our website at idde.syr.edu.

SYRACUSE UNIVERSITY

CONTACT

School of Education

Doctorate of Philosophy (Ph.D.)

Instructional Design, Development and Evaluation

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Ph.D. CURRICULUM

The following courses constitute the core curriculum for the IDD&E Ph.D. Other courses are chosen (or transfers from other graduate programs) as electives with an advisor to make sure all courses meet degree requirements.

MASTER DEGREE COURSE EQUIVALENTS* (required prior to acceptance)

IDE552	Digital media production
IDE611	Technologies for instructional settings
IDE621	Principles of instruction and learning
IDE631	Instructional design and development I
IDE632	Instructional design and development II
IDE641	Evaluation in educational settings
IDE712	Analysis of human performance technology
IDE761	Strategies in educational project management
IDE737	Advanced instructional design
IDE772	Educational technologies in international settings

REQUIRED ID DEPTH CORE (these, plus up to 3 additional ID related courses)

IDE830	Doctoral Seminar in design and development
IDE850	Literature Review (in ID topic)
3 additional ID (or related) depth courses	

REQUIRED RESEARCH CORE

EDU655	Educational tests and measurements
IDE742	Introduction to survey research
IDE841	Inquiry and research design
IDE843	Dissertation research seminar
1 introductory qualitative methods course	
2 advanced qualitative methods courses	
1 introductory quantitative methods course	
2 advanced quantitative methods courses	

*NOTE: Students may be accepted in the doctoral program with partial coverage of these courses.

You should have completed all or a majority of these courses during your master's degree preparation to be considered for admissions into the IDD&E doctoral program. Upon acceptance into the program you will meet with your advisor to determine whether you will need to take any of these courses to make up for any deficiency in your master's preparation. Typically, doctoral students may take up to 3 of these courses.