Instructional Design & Technology
Master of Science

The Instructional Design and Technology (IDT) program is a collaboration between the College of Education and Human Development, the College of Arts and Sciences, and the John D. Odegard School of Aerospace Sciences. The designers believe the program benefits from the expertise of a diverse faculty, the various resources of the different organizational units, and a collaborative decision-making structure among the three units. The IDT program currently offers a Master of Science, a Master of Education, a Certificate in K-12 Technology Integration, a Certificate in eLearning, and a Certificate in Corporate Training and Performance.

The primary mission of the Instructional Design and Technology (IDT) program is to prepare graduates for service in education, business, government, and industry who will enhance instruction and learning through the use of instructional design and technology. Graduates will be able to design curriculum, training, and human performance solutions using any medium and for any subject area, environment, or learner. Graduates of the doctoral program will be qualified to work as university faculty in IDT.

The Master of Science (MS) degree is primarily intended for students who plan to work in business, government, and industry developing and delivering technologically supported curriculum and/or solving human performance problems. This degree is available in two tracks. The MS (thesis option) is intended for those students who want to develop and utilize research skills, (e.g., for work in academic environments where research is encouraged). The MS (scholarly project option) is intended for those students who prefer to emphasize the development and evaluation of instructional materials.

Admission Requirements

The applicant must meet the School of Graduate Studies’ current minimum general admission requirements as published in the graduate catalog.

1. An overall undergraduate grade point average of 2.75 or a junior/senior year grade point average of 3.00 for the Master of Education and Master of Science degrees, and for the certificate programs.
2. A 3.5 or better grade point average for all graduate work.
3. Satisfy the School of Graduate Studies’ English Language Proficiency requirements as published in the graduate catalog.
4. Two essay questions as part of the application process.

Provisional admission may be considered for students whose academic performance does not meet these criteria. Whether such consideration is given will depend on the circumstances and the judgment of the admissions faculty.

Degree Requirements

Students seeking the MS degree at the University of North Dakota must satisfy all general requirements set forth by the School of Graduate Studies as well as particular requirements set forth by the IDT program.

1. At least one-half of the credits must be at or above the 500 level.
2. A maximum of one-fourth of the credit hours required for the degree may be transferred from another institution.

Apply online: http://graduateschool.und.edu
Deadlines apply. See our website for more details.

Last Updated: 6/13/2014
Email: questions@gradschool.und.edu
<table>
<thead>
<tr>
<th>Required Courses</th>
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<tbody>
<tr>
<td>Core coursework in IDT</td>
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<tr>
<td>Additional coursework in IDT area of emphasis</td>
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<tr>
<td>Foundations coursework in education and psychology</td>
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<tr>
<td>Scholarly tools/research</td>
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<td>Electives</td>
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<td>Internship</td>
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<td>Scholarly project or thesis</td>
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<td><strong>Total (34-non-thesis or 36-thesis)</strong></td>
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The IDT degree options are based on the same set of program components:
1. Program core component: New courses presenting IDT content.
2. Research component: Development of research skills.
4. Area of Emphasis in IDT: Opportunity for area or skill specialization within IDT.

The IDT course requirements are organized within a major, foundations area, research/scholarly tools area, and area of emphasis. The major consists of the IDT core and the area of emphasis in IDT. Students in the MS degree program will be required to complete 18 credit hours of coursework in IDT subject matter. This requirement includes core coursework and electives. Please refer to the academic catalog for course options.

**Faculty and Areas of Expertise**

- **Mark Grabe, Ph.D.**, technology supported study environments in higher education; technology applications in project based learning (K-12); the relationship between educators’ epistemological beliefs and uses of technology
- **Woei Hung, Ph.D.**, problem-based learning, problem solving, types and difficulty levels of problems, systems thinking and modeling, and concept mapping and formation
- **Richard Van Eck, Ph.D.**, Graduate Director, instructional simulations and games, computer-based and interactive instruction; instructional systems design and development; media and technology utilization.

**Contact Information**

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**IDT also offers a doctorate through the Teaching and Learning Ph.D. program, in which IDT is an area of emphasis (see Teaching and Learning in the graduate catalog).**