

WATSON SCHOOL OF EDUCATION
UNIVERSITY OF NORTH CAROLINA AT WILMINGTON
MASTER OF SCIENCE IN INSTRUCTIONAL TECHNOLOGY

The M.S. in Instructional Technology addresses the North Carolina Masters/Advanced Competencies which include standards in Instructional Expertise, Knowledge of Learners, Research Expertise, Connecting Subject Matter and Learners, and Professional Development and Leadership. The graduate program incorporates the conceptual framework which is common to all teacher education programs at UNCW: the teacher is a decision maker and reflective practitioner.

Program Goals and Objectives

Upon completion of the graduate program in Instructional Technology, the student should be able to:

1. Design educational and training programs in school and organizational settings through the application of research and best practices in instructional technology.
2. Systematically apply instructional design principles through the use of various forms of instructional technology.
3. Conduct needs assessments and task analyses in the domains of instructional design and information technology.
4. Design, develop, implement and evaluate educational and training programs that utilize appropriate technologies.
5. Utilize innovative technologies such as computers, videodiscs, multimedia, distance education, and other advanced technologies to enhance instruction.
6. Plan, create, monitor, and facilitate instructional design projects.

For the complete description of the program domains, goals and competencies see the following website: <http://www.uncwil.edu/ed/mit/>

Important Information

- A. The M.S. in Instructional Technology requires that students have North Carolina “A” level licensure in at least one area of education prior to admission if they are seeking advanced licensure. Upon completion of the program, students are recommended for “M” level licensure as an Instructional Technology Specialist - Computers. Individuals in other fields that do not require teaching licensure (e.g., business or health-related fields, etc.) may be admitted to the program and complete the degree, but will not be recommended for advanced licensure upon completion.
- B. No Praxis Specialty Area tests are required for this program.
- C. Students earning the M.S. in Instructional Technology must (1) complete program core courses within the program, and (2) a culminating product in the form of a thesis or portfolio.
- D. Students completing the M.S. in Instructional Technology provide evidence that they have synthesized the learning from their graduate courses during a final comprehensive examination. This written examination is taken when the final courses for the program are completed or in progress.
- E. Students must meet with their advisors during the fall and spring semesters to plan program coursework and to receive their SEAWEB registration numbers. Prerequisites and corequisites for courses are listed in the UNCW Graduate Catalogue.
- F. Selected courses require additional field experiences as indicated on the Program of Study.
- G. During the fall and spring semesters, graduate courses are offered in the late afternoon and evening time periods. During the summer, graduate courses may be offered during Summer Session I or II, but typically are offered during Intersession which is scheduled mid-June to mid-July.
- H. Individuals may take up to 10 semester hours as non-degree students provided they meet the admissions requirements. These hours may be applied toward the degree upon acceptance as a degree-seeking student. A maximum of six semester hours of graduate credit may be transferred from another accredited institution in partial fulfillment of the total hours required for the master’s degree.
- I. A graduate student has five calendar years to complete his or her degree program. The five-year period begins with the student’s first term of work after formal admission to a degree-granting program. Work completed as a non-degree student does not initiate the five-year period for completing a degree program. Students must be enrolled in the term in which they complete their graduate work or are scheduled to receive their degree.
- J. Applications for comprehensive examinations are available in the Associate Dean’s office. Applications for graduation are available in the Graduate School located in Hinton-James Hall.
- K. Graduate assistantships are available in the Watson School of Education. The positions provide employment for 20 hours per week working as research assistants with faculty members or as assistants in the Ed Lab, Technology Lab, or Curriculum Materials Center. For additional information, contact the Graduate Coordinator (Associate Dean for Academic Programs) in the Watson School of Education at (910) 962-4142.

The University of North Carolina at Wilmington is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, gender or disability. Moreover, the University of North Carolina at Wilmington is open to people of all races and actively seeks to promote racial integration by recruiting and enrolling a larger number of black students.

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MASTER OF SCIENCE IN INSTRUCTIONAL TECHNOLOGY

The program leading to the Master of Science (M.S.) in instructional technology provides advanced professional training for individuals holding, or qualified to hold, North Carolina Class "A" teacher licensure in at least one area of education. The 36-semester hour program is comprised of 15 semester hours of core courses, 15 hours of focus courses, three hours of colloquia and internship, and three-hour thesis or portfolio.

Based upon the view of the professional as a decision-maker, the program addresses the needs for conceptual and procedural bases for decision-making and specific alternatives within the student's anticipated area of professional practice. Accordingly, the program is comprised of a core of conceptual foundations and courses specific to instructional technologies. The program focuses upon development of knowledge and competencies in the domains of instructional design, instructional development, utilization, management, and evaluation.

Program of Study

I. Core Courses (15 Hours)

| | | |
|---------|--|-----|
| MIT 500 | Instructional Systems Design: Theory and Research | (3) |
| MIT 510 | Design and Development of Instructional Technology | (3) |
| MIT 511 | Multimedia Design and Development | (3) |
| MIT 520 | Managing Instructional Development | (3) |
| MIT 530 | Evaluation and Change in the Instructional Development Process | (3) |

II. Focus Courses (15 Hours)

Select five courses in consultation with the advisor.

| | | |
|---------|--|-----|
| MIT 501 | Motivation in Instructional Design | (3) |
| MIT 502 | The Systemic Approach to Performance Improvement | (3) |
| MIT 512 | Computer Applications in Education | (3) |
| MIT 513 | Computer-Based Instruction | (3) |
| MIT 514 | Distance Education | (3) |
| MIT 515 | Web Teaching: Design and Development | (3) |
| MIT 516 | Instructional Video Design and Production | (3) |
| MIT 521 | Diffusion and Implementation of Educational Innovations | (3) |
| MIT 522 | Organization and Management of Instructional Technology Programs | (3) |
| MIT 531 | Assessment of Learning Outcomes | (3) |
| MIT 595 | Special Topics in Instructional Technology | (3) |

Students may take up to six credit hours of focus courses from the courses listed below or from other academic disciplines if approved by the advisor:

- EDN 500 Human Development and Learning
- EDN 520 Instructional Development
- EDN 523 Research in Education
- EDN 582 Organizational Theory & Comprehensive Leadership
- EDN 568 Educational Program Design and Evaluation
- SED 557 Technology Applications in Special Education

III. Internship/Colloquium (3 Hours)

- MIT 540 Colloquium I (1)
- MIT 541 Colloquium II (1)
- MIT 542 Internship (1)

IV. Thesis or Portfolio (3 Hours)

- MIT 599 Thesis (3) or
- MIT 598 Portfolio Development (3)

Note: A written comprehensive examination also is required.

IMPORTANT NOTE: Students who hold a teaching license and are seeking “M” level certification must complete the following focus area courses and work in an educational setting for their internship:

- MIT 512 Computer Applications in Education (3)
- SED 557 Technology Applications in Special Education (3)
- MIT 522 Organization and Management of Instructional Technology (3)

Expected Course Offerings: Core courses and focus area courses that are required for “M” level licensure are offered on a regular basis each academic year. (See schedule below.) Other focus area courses are offered every other academic year unless there is an identified demand for the course.

| <i>Core Courses</i> | <i>Semester the Course is Offered</i> |
|---------------------|---------------------------------------|
| MIT 500 | Fall |
| MIT 511 | Fall |
| MIT 520 | Fall |
| MIT 540 | Fall |
| MIT 510 | Spring |
| MIT 530 | Spring |
| MIT 541 | Spring |
| MIT 542 | Fall & Spring |
| MIT 598 or MIT 599 | Fall & Spring |

| <i>Focus Area Courses</i> | <i>Semester the Course is Offered</i> |
|---------------------------|---------------------------------------|
| MIT 512 | Fall |
| MIT 522 | Spring |
| SED 557 | Spring |
| MIT 514 or MIT 521 | Fall |
| MIT 515 or MIT 513 | Spring |
| MIT 501 or MIT 531 | Summer |
| MIT 502 or MIT 595 | Fall |