Master of Science Information and Communication Technologies

University of Wisconsin-Stout

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Board of Regents Presentation

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Program Overview

- ICT: Study of the technology and applications used to manage and process information in organizations

- Designed in response to state, national and global needs for ICT professionals

- Designed for working adult students with bachelor's degree in ICT or related field

- Designed to prepare working adults for increased leadership roles and with the knowledge, skills and abilities to perform at higher levels

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Relation to UW-Stout Mission

- Graduate program leading to a professional career in management, and technology

- Approach to learning that involves theory, practice, involvement and experimentation

- Complementary existing program array

Program Need

- Five of the six fastest growing occupations for college educated employees relate to ICT
  - Wisconsin Bureau of Labor Statistics

- Projected 35 percent employment increase in internet service providers, web portals and data processing services
  - U.S. Department of Labor Standards, Wisconsin Detailed Industry Employment Projections for 2002-2012

- Demand from UW-Stout undergraduates in information technology, multimedia, computer science, business, technology education

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Program Design

- 30 Graduate Credits

- 15 credits in core courses

- 15 credits in a specialty area
  - Information Technology
  - Learning Technology
  - Visual Communications Technology

- Research component

Program Delivery

- Distance learning – cohort model
- Online courses supplemented by:
  - ITV courses and cohort meetings
  - Weekend courses at UW-Stout and   other locations across the state
- Coordinated by a program director

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Program Objectives

Graduates will be able to:

- Discuss influences of ICT on a global economy and global social transformation

- Analyze current trends and issues in ICT

- Plan, use, evaluate and improve ICT systems

- Analyze the organization and operation of ICT enterprises

- Interpret and conduct research to expand the body of knowledge related to ICT

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Career Opportunities

- Information Technology Management
  - Information Systems Managers
  - Data Communication Managers
- Learning Technology
  - Instructional Designers and Technologists
- Visual Communications Technology
  - Web Designer
  - E-Commerce Manager