

Information Technology Management

Introduction

The Information Technology Management program prepares graduates for leadership positions in a dynamic environment. Professionals in the field deal with a broad range of business and technical issues. The program emphasizes managerial, technical and science skill courses. The field of information technology requires application of scientific, business and technical principles together with appropriate knowledge, and supports research, marketing, design, and systems that integrate information technology.

Students apply theory to solve real-world problems in an intensive hands-on laboratory environment that is the heart of UW-Stout's teaching strategy. Emphasis is on areas of information technologies that include voice, data, and video systems.

Technical courses foster the development of understanding in systems creation, design, development, implementation, operations and management. Students take courses that provide the basic knowledge about the technical elements required in building any voice, data, and video network systems. Students completing this program have the opportunity to earn one or more of the following highly respected professional certifications: Cisco CCNA, CCDA, CCNP, CCDP, and Microsoft MCSE.

Professional studies provide a solid managerial background while humanities and social science courses introduce students to methods of communications, motivation, and supervising people. Math and physical science courses help in solving technical and economic problems found in business.

Several work experience programs have been developed. Internships, field experience, independent study and cooperative education opportunities are available. You can work for a summer or semester earning college credit as well as a salary, while gaining a personal perspective of the business and technical world of information technologies.

Information Technology Management program graduates advance into administrative and executive areas within an organization. The professional certifications earned give students a substantial competitive advantage when entering the job market.

General Requirements

Bachelor of Science Degree

Total for graduation.....	120
General Education	41
Major Studies	79

Program Requirements

General Education

41 credits required

A. Communication Skills

8 Credits

ENGL-101 Freshman English – Composition or	
ENGL-111 Freshman English – Honors I.....	3
ENGL-102 Freshman English – Reading and Related Writing or	
ENGL-112 Freshman English – Honors II.....	3
SPCOM-100 Fundamentals of Speech	2

B. Analytic Reasoning

7 Credits

CS-144 Computer Science I.....	3
MATH-153 Calculus I	4

C. Health and Physical Education

2 Credits

Courses must be from areas of health, physical education or nutrition.

D. Humanities and the Arts

9 Credits

Courses must be from three or more areas including art history, creative arts, history, literature, music appreciation, performing arts and philosophy.

E. Social and Behavioral Sciences

9 Credits

ECON-210 Principles of Economics I.....	3
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Courses must be from two additional areas including anthropology, geography, political science, psychology and sociology.

F. Natural Sciences (with Lab)

4 Credits

PHYS-211 Introduction to Physics.....	3
PHYS-212 Introduction to Physics – Lab.....	1

G. Technology

2 Credits

Major Studies

79 credits required

Management

20 credits

BUACT-206 Introduction to Financial Accounting	3
BUMGT-304 Principles of Management	3
ENGL-415 Technical Writing	3
INMGT-365 Project Management	3
INMGT-400 Organizational Leadership	3
INMGT-475 Advanced Project Management	3
SPCOM-308 Speech Skills for Business and Industry	2

Technical

51 credits

CS-145 Computer Science II.....	3
ELEC-204 Electronic Fundamentals	3
ITM-133 Networking Fundamentals I	3
ITM-134 Networking Fundamentals II	3
ITM-330 IP Telephony Design and Implementation	3
ITM-361 Workstation and Server	3
ITM-362 Server Applications	3
ITM-363 Directory Services	3
ITM-382 Network Systems Design.....	3
ITM-383 Introduction to Network Security.....	3
ITM-391 Wireless Systems	3
ITM-441 Scalable Internetworks	3
ITM-443 Multi-Layer Switched Networks.....	3
ITM-444 Internetwork Troubleshooting.....	3
ITM-450 Enterprise Solutions and Unified Communications	3
ITM-484 Advanced Network Security and Auditing	3
ITM-490 ITM Capstone	3

Electives

8 credits

Electives may be chosen from any courses with the following prefixes: BUACT, BUINB, BULGL, BUMGT, BUMIS, BUMKG, BURTL, CS, ELEC, INMGT, ITM, TCS, TRHRD, plus RC-381, STAT-320. ITM-499 Cooperative Education Experience is recommended. Suggested minors (may require additional credits beyond program minimum) include Business Administration, Computer Science, Technical Writing, Project Management, and Training and Human Resource Development.

