LEADERSHIP: INFORMATION TECHNOLOGY MANAGEMENT (M.S.)

Description

The Master of Science in Leadership (MSLD) with an option in Information Technology Management is tailored for professionals seeking to develop their leadership abilities while mastering the complexities of managing technology-driven organizations. This program integrates leadership theory and practice with a deep dive into IT management, preparing students to lead teams, drive innovation, and strategically manage information systems in today's rapidly evolving technological landscape. Graduates will gain a comprehensive understanding of organizational leadership, project management, information security, and emerging technologies, empowering them to excel in both leadership and IT roles.

Requirements

Degree Requirements

Minimum Credit Requirement: 30 credits
Minimum GPA: 3.0

Code	Title	Credits
Required Courses		
CMPL 801	Principles of Information Technology for IT Managers	3
CMPL 820	Information Privacy, Security, and Continuity	3
CMPL 825	Designing and Analyzing Information Systems	3
LD 804	Leading Teams	3
LD 810	Change Management and Communication	3
LD 820	Cultivating Your Leadership Capabilities	3
MGMT 830	Strategic Planning and Financial Management	3
PM 800	Introduction to Project Management	3
Electives		
Select one course from the following:		3
CMPL 802	Managing Virtualization and Cloud Systems	
CMPL 810	Current and Emerging Technologies	
CMPL 815	Managing Artificial Intelligence	
Integrative Capstone		
CMPL 850	Managing Information Technology Capstone	3
Total Credits		**30**

[1] Graduate credit is only granted for courses completed with a grade of B- or higher.

Degree Plan

Sample Degree Plan

The following plan is for students who plan to pursue this program on a part-time basis taking one course per term. Students may also enroll on a full-time basis to complete the program in under two years.

Code	Title	Credits
Year 1		
Fall Semester		
Term 1		
LD 820	Cultivating Your Leadership Capabilities	3
Term 2		
CMPL 801	Principles of Information Technology for IT Managers	3
Spring Semester		
Term 3		
PM 800	Introduction to Project Management	3
Term 4		
LD 804	Leading Teams	3
Code	**Title**	**Credits**
Year 2		
Fall Semester		
Term 1		
CMPL 825	Designing and Analyzing Information Systems	3
LD 810	Change Management and Communication	3
Term 2		
MGMT 830	Strategic Planning and Financial Management	3
Spring Semester		
Term 3		
CMPL 820	Information Privacy, Security, and Continuity	3
Term 4		
Elective Courses (Choose One)		
CMPL 802	Managing Virtualization and Cloud Systems	3
CMPL 810	Current and Emerging Technologies	3
CMPL 815	Managing Artificial Intelligence	3
Final Semester (Fall or Spring)		
16 Week Capstone Course		
CMPL 850	Managing Information Technology Capstone	3

Accelerated Master's

This graduate program is approved to be taken on an accelerated basis in articulation with certain undergraduate degree programs.

General Accelerated Master's policy, note that some programs have additional requirements (e.g. higher grade expectations) compared to the policy.

Please see the Graduate School website and contact the department directly for more information.

Leadership: Information Technology Management (M.S.) Accelerated Option (4+1)

The Leadership: Information Technology Management (M.S.) is approved to be taken on an accelerated basis in articulation with the following undergraduate program:

Code	Title	Credits
Technology Management (B.S.)		
Approved 800-level courses completed during undergraduate senior year:		
CMPL 801	Principles of Information Technology for IT Managers (Elective-Undergraduate Program)	3
CMPL 825	Designing and Analyzing Information Systems (Elective-Undergraduate Program)	3
LD 820	Cultivating Your Leadership Capabilities (Elective-Undergraduate Program)	3
MGMT 830	Strategic Planning and Financial Management (Elective-Undergraduate Program)	3
Total Credits		**12**

Student Learning Outcomes

Program Learning Outcomes
Students will have the opportunity to:

- Implement organizational IT infrastructures, including integrated virtualization, cloud systems, and artificial intelligence, to enhance operational efficiency and drive innovation.
- Employ project management and leadership principles and ethical practices to effectively plan, execute, and oversee IT projects that align with strategic organizational goals and objectives.
- Apply business intelligence principles, big data analytics, and data privacy/security to inform strategic decision-making processes and mitigate information security risks.
- Employ professional leadership and teamwork skills that foster collaboration and cohesion within diverse IT teams to achieve project objectives, promote knowledge sharing, and achieve organizational goals.
- Evaluate organizational relationships to identify areas in need of improved performance and effectiveness.
- Develop theoretically grounded change management strategies that actualize an organization's goals and mission.
- Utilize standard IT governance, strategic planning, and financial management principles to develop IT projects that enhance organizational growth, optimize investments, and ensure sustainability and regulatory compliance.
- Evaluate emerging technologies and innovative IT solutions for their potential to drive business growth and efficiency through adoption and integration into IT operations.