Student ID:_____	**Catalog: 2023-2024 Graduate Catalog**
Student Name:_____	**Program: Computer Science Management, M.S.**
Adviser Name:_____	**Minimum Credits Required:**_____

Computer Science Management, M.S.

The Master of Science in Computer Science Management is designed for students who want to bridge the gap between technology and business. This program provides a strong foundation in computer science, while also developing business acumen, leadership skills, and project management expertise. Graduates will be prepared to lead technology teams, drive innovation, and manage complex projects in a variety of industries.

Computer Science Management Requirements (33-36 credit hours)

Course Name	Term Taken	Grade	Gen Ed
BU 601 - Behavior, Well-being & Ethics (3)			
CS 600 - Introduction to Computer Science & Programming (3)			
CS 611 - Data Structures & Algorithms (3)			
CS 621 - Database Management Systems (3)			
CS 631 - System Analysis & Design (3)			
CS 641 - Enterprise Architecture & System Integration (3)			
CS 651 - Cloud Computing & Big Data Analytics (3)			
CS 661 - AI & Machine Learning (3)			
OD 655 - Innovation & Creativity (3)			
OD 688 - Leadership & Influence Processes (3)			
PM 672 - The Practice of Project Management (3)			
MG 695 - Applied Research Project (2-3) or			
BU 695 - Internship (1-3)			
CY 600 Note: This course may be waived at the discretion of the department depending on the content of a student's undergraduate degree			

Criteria for Admission

In addition to the requirements listed on the Admissions page of this catalog, students must also meet these additional criteria:

- Grade Point Average of 2.75 or higher on a 4.0 scale for all undergraduate and graduate level coursework. Students with a GPA between 2.50 and 2.75 will be admitted provisionally. Students admitted provisionally must achieve a 3.0 GPA on the first nine (9) credits in their program of study.
- The admissions committee will consider all applications to evaluate any additional prerequisite courses needed.
- Submit official transcript(s) of the bachelor's degree as well as any graduate-level coursework.

Outcomes

1. Apply advanced knowledge of computer science principles and practices to real-world problems in industry and academica, and design innovative solutionas that meet business objectives.
2. Analyze and evaluate the advantages and limitations of different computer science technologies, and select appropriate tools and techniques for specific problem domains in industry and academia.
3. Lead and manage technology teams using best practices in project management, communication, and collaboration, and develop effective strategies for achieving business goals.
4. Communicate complex technical concepts and solutions to diverse stakeholders, including executives, customers, and team members, using oral, written, and visual communication skills.
5. Evaluate and critique ethical, legal, and social issues related to computer science, and apply ethical principles and professional standards in all aspects of work as a computer science professional.

Assessment

The Computer Science Management, M.S. program will use signatue assessements in key courses along with a capstrone experience evaluation in either MG 695 or BU 695.

Notes: