

# TECHNOLOGY MANAGEMENT CERTIFICATE

This certificate program is focused on preparing students for leadership roles in managing the organizational impacts of technological change. The coursework includes broader courses like Organization Change and Development, plus more specialized courses on Project Management and modeling with Operations Management.

- Students will acquire a better understanding of the structure of an organization and how this impacts and is impacted by technology acquisition.
- Students will develop models to support business decisions.
- Students will be able to identify IT system requirements and build a design or plan and execute a project to satisfy those requirements.

## Related Programs

### Certificate

- Networking and Information Security Certificate (<https://catalog.luc.edu/graduate-professional/graduate-school/arts-sciences/computer-science/networking-information-security-certificate/>)
- Web Programming Certificate (<https://catalog.luc.edu/graduate-professional/graduate-school/arts-sciences/computer-science/web-programming-graduate-certificate/>)

## Curriculum

The Certificate in Technology Management requires 9 credit hours.

Code	Title	Hours
<i>Select three of the following:</i>		9
COMP 403	Operations Management	
COMP 420	Software Systems Analysis	
COMP 477	IT Project Management	
COMP 488	Computer Science Topics (Organizational Change and Development)	
<b>Total Hours</b>		<b>9</b>

## Graduate & Professional Standards and Regulations

Students in graduate and professional programs can find their Academic Policies in Graduate and Professional Academic Standards and Regulations (<https://catalog.luc.edu/graduate-professional-academic-standards-regulations/>) under their school. Any additional University Policies supercede school policies.

## Learning Outcomes

*Outcomes for all Certificate Programs:*

- Students will have developed new technical skills in the area of their specializations.
- Students will have a better understanding of the domain contexts within which these skills can be applied.
- Students will have acquired a credential and additional knowledge allowing them to advance professionally.
- Students will be prepared to enter a graduate program in the Computer Science Department, with the transfer of certificate credits toward their master's degree.

*Outcomes: Technology Management*