

# STEM MBA: MAJOR IN INFORMATION SYSTEMS AND TECHNOLOGY

*Effective September 2025*  
(36-45 Credits / 12-15 Courses)

## Foundation Courses (0-15 Credits / 0-5 Courses)<sup>1</sup>

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
GR 521	Managerial Statistics	None
GR 522	Economic Environment of the Firm	None
GR 523	Marketing Management	None
GR 524	Accounting for Decision Making	None
GR 525	Financial Statement Analysis for Decision Making	GR 524 or AC 611

<sup>1</sup> Students may be waived from 3 Foundation Courses without being required to add Major elective courses. If 4 Foundation Courses are waived, 1 added Major course is required. If 5 Foundation Courses are waived, 2 added Major electives are required.

## Core Courses (18 Credits / 6 Courses)

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
CS 605	Data Management & SQL for Analytics	None
GR 601	Strategic IT Alignment	All Foundation Courses
GR 602	Business Process Management	All Foundation Courses
GR 603	Leading Responsibly	None
GR 604	Global Strategy	All Foundation Courses
GR 645	Law, Ethics & Social Responsibility	None

## Information Systems and Technology Major (12-18 Credits / 4-6 Courses)\*

Select four of the following:

<u>Course</u>	<u>Title</u>	<u>Prerequisite</u>
CS 602	Data-Driven Development with Python	None
CS 607	Cybersecurity	None
CS 610	Enterprise Architecture	None
CS 650	Data Analytics Architectures with Big Data	CS 602 & CS 605
CS 655	Managing with Analytics	None
CS 725	Information Security, Controls and Ethics	None
CS 733	AI Techniques and Applications	CS 602

CS 741	Enterprise Systems Planning and Configuration	GR 602 or AC 730
CS 753	Business Intelligence Methods and Technologies	CS 605
CS 881	CIS Internship**	Advisor approval
--or-- GBE 790	Global Business Experience**	Advisor approval
<p>*If 4 Foundation Courses are waived, 1 added Major course from above list is required. If 5 Foundation Courses are waived, 2 added Major electives required.  **GBE 790 and CS 881 must be approved in advance by Information Systems Technology (IST) major advisor and internship advisor to ensure full STEM coverage.</p>		

# Academic Planner: Master of Business Administration

## Major: Information Systems and Technology

This worksheet is intended to help you plan your course enrollments to be sure that they align with the Master of Business Administration, major in Information Systems and Technology curriculum. Use this worksheet along with Degree Works to track your progress toward program completion.

Please note in order to graduate students must:

Complete all degree requirements within five years

Earn a minimum of 2.7 cumulative GPA

Advising Guidance:

- Only foundation courses may be waived. Insert a “W” under the Waiver/Substitution column. Students may be waived from 3 Foundation Courses without being required to add electives. If 4 Foundation Courses are waived, 1 added Major elective is required. If 5 Foundation Courses are waived, 2 added Major electives are required.
- All course prerequisites must be satisfied. Please note that the stated prerequisites of a course may also have a prerequisite that must be satisfied.
- All electives must be at the 600+ level
- Refer to the [Graduate Catalogue](#) for guidance about when classes are typically offered.

Name:

Matriculation Date:

Bentley ID:

Anticipated Completion Date:

Course Number & Title	Credits	Summer	Fall	Spring	Waiver/Substitution
<b>Foundation Courses (0-15 Credits / 0-5 Courses)</b>					
GR 521 Managerial Statistics	3				
GR 522 Economic Environment of the Firm	3				
GR 523 Marketing Management	3				
GR 524 Accounting for Decision Making	3				
GR 525 Financial Statement Analysis	3				
<b>Core Courses (18 Credits / 6 Courses)</b>					
GR 601 Strategic IT Alignment	3				
GR 602 Business Process Management	3				
GR 603 Leading Responsibly	3				
GR 604 Global Strategy	3				
GR 645 Law, Ethics & Social Responsibility	3				
CS 605 Data Management & SQL for Analytics	3				
<b>Information Systems and Technology Major Courses (12 Credits / 4 Courses)</b>					
1.	3				
2.	3				
3.	3				
4.					
<b>Elective Course(s) Due to Waivers (3-6 Credits / 1-2 Courses). ONLY if waived from 4 or 5 Foundation Courses.</b>					
1.	3				
2.	3				
<b>Total Credits:</b>					

**Notes:**