TEXAS A&M UNIVERSITY-CENTRAL TEXAS
2025-2026 Catalog Advising Guide
MS Information Systems

Program Overview:
The Master of Science in Information Systems program (M.S.I.S.) is designed to meet the needs of three distinct groups:

1. Students with a baccalaureate degree in Information Systems;

2. Students with a baccalaureate degree in another area who have information systems skills and desire to develop new career skills in Information Systems; or

3. Students with a baccalaureate degree in another area who lack information systems skills and desire to develop new career skills in Information Systems.

Program Requirements:

MS IS CORE (8 Courses/24 Credit Hours)	Term Completed	Grade
CIS 5304 Telecommunications for Managers		
CIS 5307 Systems Analysis for Managers		
CIS 5311 Managing Information Systems		
CIS 5316 Advanced Database Management		
CIS 5351 Information Technology Project Management		
CIS 5353 Data Analytics and Management		
CIS 5090 Comprehensive Exam (Zero Credits)		
Electives (12 hours if no emphasis selected*)	**Term Completed**	**Grade**
Approved graduate-level CIS Elective		
Approved graduate-level CIS Elective		
Approved graduate-level CIS Elective		
Approved graduate-level CIS Elective		

*Emphases are available in Accounting Information Systems and Control, Applied Data Analytics, and Cybersecurity. The requirements for each are listed below in the course rotation information. A thesis option is also available. The six hours of thesis coursework would take the program to 33 hours.

NOTE: This is a tentative guide used for advisement purposes. It is not considered to be the official Texas A&M University-Central Texas degree plan, and it is subject to review and change by the Texas Higher Education Coordinating Board.

Program Course Rotation (Fall 2025-Summer 2027)

The College of Business Administration strives to offer as many course sections as we can, but not every course is available in every term or preferred format. It is critically important that you use the course rotation below while factoring in any prerequisites to ensure that you can graduate when you should reasonably expect to. Course times may vary from term to term, and the course length could be 16 or 8 weeks. Deviations from that plan may result in delayed graduation. As we do not want you to deviate, we will do our best to deliver the expected rotation of courses, but there may be staffing issues beyond our control.

Course Modality Key:

Hybrid (H) – Generally, about 50% of the course is offered in a classroom. You will need to review the schedule when registering to determine the exact meeting schedule.

Online (O) – Generally, the class may be completed asynchronously online. You may have specific due dates for work and/or schedule meetings with classmates or the instructor.

Classroom (C) – The course will meet most weeks in the classroom.

Course	Title	Fall 2025 & 2026		Spring 2026 & 2027		Summers
		1st 8 Weeks	2nd 8 Weeks	1st 8 Weeks	2nd 8 Weeks	8 weeks
MS IS Core						
CIS 5304	Telecommunications for Managers		Online & Hybrid			Online
CIS 5307	Systems Analysis for Managers	Online & Hybrid		Online		
CIS 5311	Managing Information Systems	Online & Classroom (16 Weeks)		Online 16 Week and 2nd 8 Weeks		Online
CIS 5316	Advanced Database Management		Online		Online & Hybrid	
CIS 5351	Info. Technology Project Management	Online		Online & Hybrid		
CIS 5353	Data Analytics and Management	Online 16 Week and 1st 8 Weeks		Online & Classroom (16 Weeks)		Online

Course	Title					
Cybersecurity (32 - 40 weeks): Best starting point is Fall Ist 8 weeks and Spring 1st 8 weeks						
CIS 5370	Foundations of Information Security			**Online & Hybrid**		
CIS 5371	Enterprise Cybersecurity Management	**Online & Hybrid**				
CIS 5372	Network and System Security				**Online & Hybrid**	
CIS 5373	Digital Forensics		**Online & Hybrid**			**Online**
Applied Data Analytics (24 - 32 weeks) - Best starting point is Fall 2nd 8 weeks						
CIS 5353	Data Analytics and Management	**Online 16 Week and 1st 8 Weeks**		**Online & Classroom (16 Weeks)**		**Online**
CIS 5355	Visual Analytics		**Online & Hybrid**			
CIS 5356	Web & Social Analytics			**Online & Hybrid**		
CIS 5357	Applied Machine Learning				**Online & Hybrid**	
Accounting Information Systems and Control (32-40 weeks): Best starting point Fall 1st 8 weeks and Fall 2nd 8 weeks						
ACCT 5310	Advanced Accounting Systems				**Online & Hybrid**	
ACCT 5340	Ethics in Accounting			**Online & Hybrid**		**Online**
ACCT 5350	Forensic Accounting		**X (Online)**			
ACCT 5360	Information Technology Audit	**X (Online)**				**Online**

MS Information Systems Program Tips

- **Advising Support**: If you need assistance with course mapping or registration, don't hesitate to reach out to an academic advisor. They're here to help! If you don't check in every term, please check in with them when you're about halfway complete, so they can help ensure a smooth finish to your program!
- **Full-Time Status**: Taking 9 credit hours is considered full-time for graduate students versus twelve for undergraduate courses, demonstrating the increase in difficulty and time commitment. Thus, consider how many courses you take carefully!
- **Grade Considerations**: You must receive a C or better for any course to count. You must also have an overall 3.0 to graduate. This means that you could have two C's and get credit for both courses, but you would also need two A's to have a 3.0 and graduate.
- **Six-year Rule:** Unlike undergraduate courses, graduate courses generally only count towards a degree for six years. While it's perfectly fine to go slower or miss a term or two, be sure you complete all requirements within six years.
- **Degree Works**: We recommend checking your Degree Works before registering each term to ensure you're on track with your degree plan.
- **Course Availability**: Certain courses are only offered during specific terms (fall or spring). Please review the course rotation above to ensure you complete your program within your desired timeline.
- **General Course Scheduling Tip:** Watch the scheduling balance with eight- and sixteen-week courses. Two eight-week courses at one time, as often happens in the summer, are the equivalent of four sixteen-week courses, which is a lot of work.