

Syracuse iSchool & Le Moyne Madden School

Course-Program listings and mappings

The following tables indicate the required and elective courses needed to complete the certificate of advanced studies programs. All courses listed will also be available to students who simply desire to take a course at the other institution but will not be pursuing a certificate of advanced studies program. When the students are not co-matriculated then the standard Le Moyne College and Syracuse University transfer credit guidelines will be followed. A given course may be applied to meet the requirements for one master's and one certificate program. A course cannot be applied to meet the requirements of one master's and two certificate programs.

The objective of this agreement is to expand curriculum offerings for all students by sharing select courses offered at the other institutions. If courses offered at institutions have the same or very similar content, then the student should take the course at the institution where they are pursuing their Master's degree (PRIMARY SCHOOL). If a student wishes to take a course that is not listed below then s/he should use the petition process to make the request, and approval from both schools is required. A student should take four of the five courses to complete a certificate of advanced studies program at the given institution except when noted below.

Syracuse Course: Prefix: IST

Le Moyne Course: Prefix MIS

FOR SYRACUSE MASTER'S STUDENTS SEEKING LE MOYNE COURSES AND CERTIFICATE PROGRAMS

Le Moyne College - Graduate Enterprise Systems Certificate

Due to the overlap in curriculum, two of the required courses of this certificate should be taken at the iSchool for Syracuse students. Therefore, only three courses will be taken at Le Moyne to earn the certificate.

Course Number	Title	School	# Credits
IST 659	Database Administration Concepts & Database Management	Syracuse	3
MIS 717	Managing the Technological Enterprise	Le Moyne	3
MIS 712	Financial Cybersecurity	Le Moyne	3
IST 645	Managing Information Systems Projects	Syracuse	3
<i>and 1 course from:</i>			3
MIS/ACT 550	Accounting Information Systems	Le Moyne	
MIS 716	Business Intelligence	Le Moyne	
Total			15

Le Moyne College - Graduate Health Information Systems Certificate

Due to the overlap in curriculum, two of the required courses of this certificate should be taken at the iSchool for Syracuse students. Therefore, only three courses will be taken at Le Moyne to earn the certificate.

Course Number	Title	School	# Credits
MIS 710	Health Information Systems	Le Moyne	3
IST 645	Managing Information Systems Projects	Syracuse	3
IST 659 or IST 654	Data Administration Concepts & Database Management or Information Systems Analysis	Syracuse	3
<i>and 2 courses from:</i>			6
MIS 535	Introduction to Government Systems	Le Moyne	
MIS 712	Financial Cybersecurity	Le Moyne	
MIS 716	Business Intelligence	Le Moyne	
MIS 717	Managing the Technological Enterprise	Le Moyne	
Total			15

FOR LE MOYNE MASTER'S STUDENTS SEEKING SYRACUSE COURSES AND CERTIFICATE PROGRAMS

Syracuse University – Data Science Certificate of Advanced Studies

Course Number	Title	School	# Credits
MIS 701	Database Management Systems	Le Moyne	3
IST 687	Introduction to Data Science	Syracuse	3
<i>and 3 courses from:</i>			9
IST 565	Data Mining	Syracuse	
IST 664	Natural Language Processing	Syracuse	
IST 719	Information Visualization	Syracuse	
IST 722	Data Warehousing	Syracuse	
IST 736	Text Mining	Syracuse	
Total			15

Syracuse University – Information Security Management Certificate of Advanced Studies

Le Moyne students should select one of the electives listed below from Le Moyne College.

Course Number	Title	School	# Credits
IST 623	Introduction to Information Security	Syracuse	3
<i>and at least 1 Management Security courses from:</i>			3 - 9
IST 602	Digital Forensics	Syracuse	
MIS 707	Risk Management	Le Moyne	
IST 728	Information Security Policy	Syracuse	
<i>and at least 1 Technology Security from:</i>			3 - 9

IST 634 or MIS 712	Security in Networked Environments or Financial Cybersecurity	Syracuse Le Moyne	
IST 704	Applied Information Security	Syracuse	
IST 724	Database Security	Syracuse	
<i>and optional electives:</i>			0 - 6
IST 618	Information Policy	Syracuse	
MIS 701	Database Management Systems	Le Moyne	
Total			15

COURSE EQUIVALENTS

The following courses while not exactly the same, have very similar course content and therefore students should NOT take both courses.

Le Moyne Course Number	Le Moyne Course Title	Syracuse Course Number	Syracuse Course Title
MIS 701	Database Management Systems	IST 659	Database Administration Concepts & Database Management
MIS 703	Systems Analysis	IST654	Information Systems Analysis
MIS 707	Risk Management	IST 625	Enterprise Risk Management
MIS 711	Managing Systems Projects	IST 645	Managing Information Systems Projects
MIS 712	Financial Cybersecurity (Offers ethical hacking which IST 634 does not; but considerable overlap)	IST 634	Security in Networked Environments