

INFORMATION SYSTEMS AND ANALYTICS (MBA/MSISA)

Loyola students may choose to combine an MBA (<https://catalog.luc.edu/graduate-professional/business/next-generation-mba/>) with a Master of Science in Information Systems and Analytics (<https://catalog.luc.edu/graduate-professional/business/information-systems-analytics-msisa/>) (MSISA) to provide the breadth and depth of knowledge often required of information systems and business data analytics professionals.

Curriculum

Students completing the dual degree will earn an MBA with a specialization in information systems and an MSISA degree.

Code	Title	Hours
Pre-Requisite Knowledge		
ISSCM 400N	Quantitative Methods I ¹	0
ISSCM 402N	Quantitative Methods II - Statistics Primer	0
MBA Introductory Courses ¹		
ACCT 400	Financial Accounting for Business Decisions	3
ECON 420	Managerial Economics ³	3
FINC 450	Financial Management ²	3
MARK 460	Marketing Management	3
SCMG 480	Intro to Operations Management	3
Required MBA Core Coursework		
FINC 470N	Business Finance	3
ISSCM 596N	Data Driven Decision Making	3
HRER 417N	Managing and Motivating in the Workplace	3
MARK 425N	Business Communication	1.5
MGMT 426N	Leadership Development	1.5
MARK 470N	Research, Insights and Storytelling	3
MGMT 431N	Business Consulting Course	3
Ethics Course		
Select one of the following:		3
INFS 795	Ethics and Data Analytics	
MGMT 441N	Business Ethics	
MGMT 446	International Business Ethics	
MS Marketing Core Coursework		
INFS 443	Business Analytics	3
INFS 485	Business Requirement Analysis	3
INFS 492	Database Systems	3
INFS 493	Strategic Use of Database Analytics	3
INFS 494	Data Mining	3
INFS 592	Data Visualization	3
INFS 691	Principles of Analytic Programming	3
INFS 791	Programming for Business Decision Making	3
INFS 796	Data Warehousing	3
INFS 797	Applications of Visualization	3
ISSCM 491	Managerial Statistics	3
Total Hours		69

¹ May be waived.

² Co-requisite: ACCT 400 Financial Accounting for Business Decisions

³ Pre-requisite: ISSCM 400N Quantitative Methods I

Dual Degree Programs

Students in dual degree programs are responsible for abiding by academic policies and graduation requirements of both academic units to which they are enrolled. It is strongly recommended that students schedule regular meetings with academic advisors from both units to ensure timely degree completion. Dual degree programs may have slightly different degree requirements from the standard for one or both of the degrees earned. Students should closely read through all degree requirements and ask for clarification as needed.