

# BUSINESS ANALYTICS CONCENTRATION (MSIS)

## Concentration in Business Analytics (MSIS)

Code	Title	Hours
<b>Required Core Courses</b>		
ISEC 5305	Seminar in Information Security Foundations	3
MIS 5111	MSIS Career and Professional Development	1
MIS 5301	Seminar in Object-Oriented Business Programming	3
MIS 5335	Information Systems Analysis and Design	3
MIS 5340	Database Management Systems	3
MIS 5355	Management of Information Systems	3
<b>Required Additional Programming Course</b>		
Select one course from the following		3
MIS 5315	NET Systems Development	
MIS 5317	Seminar in Java Development	
MIS 5322	Advanced Python for Analytics	
<b>Required Additional Concentration Courses</b>		
MIS 5342	Business Intelligence	3
MIS 5343	Seminar in Data Visualization	3
QBA 5330	Business Analytics for Decision Making	3
<b>Elective Concentration Courses</b>		
Select two courses from the following		6
ECO 5347	Econometric Theory and Methods	
ECO 5349	Causal Inference and Research Design	
ECO 5351	Data Science I	
ECO 5352	Data Science II	
MIS 5322	Advanced Python for Analytics	
MIS 5346	Data Warehousing	
MKT 5398	Directed Studies in Marketing	
<b>Business Electives</b>		
Select one business course from outside MIS/ISEC curriculum		2
MIS 5V95	Internship in Information Systems (if less than 2 years of full-time work experience)	
<b>Total Hours</b>		<b>36</b>