



**2023 – 2024**  
**Information Systems**  
**Concentration in Project Management**  
**Bachelor of Science Degree**  
**Academic Plan**

<b>Fall Year 1</b>	<b>Courses</b>	<b>Prerequisite(s)</b>	<b>Credits</b>	
CIS 1110A	Computer Operating Systems and Maintenance		3	<b>15</b>
COM 1010	Composition and Critical Thinking I		3	
CS 1110A	Programming in Python	Co-requisite(s): MTH 1110	3	
MTH 1010	Quantitative Literacy		3	
NET 1010	Networking Essentials	Co-requisite(s): CIS 1110A	3	
<b>Spring Year 1</b>	<b>Courses</b>	<b>Prerequisite(s)</b>	<b>Credits</b>	
CIS 2210	Database Management and Design	CS 1110A or CIS 1110A	3	<b>15</b>
COM 1020	Composition and Critical Thinking II	COM 1010, MTH 1010	3	
ELECTIVE	General Education Elective	As needed per choice	3	
MGT 1010	Introduction to Business		3	
MTH 2750	Statistical Methods	MTH 1010 or MTH 1110	3	
<b>Fall Year 2</b>	<b>Courses</b>	<b>Prerequisite(s)</b>	<b>Credits</b>	
CIS 2750	Securing Information Systems	NET 1010	3	<b>15</b>
ELECTIVE	Program Elective	As needed per choice	3	
MGT 2310	Management Information Systems	COM 1020, MGT 1010	3	
MGT 2020	Organizational Behavior and Management	COM 1010, MGT 1010	3	
PSY 2050	Self and Society	COM 1010, MTH 1010; Co-requisite: COM 1020	3	
<b>Spring Year 2</b>	<b>Courses</b>	<b>Prerequisite(s)</b>	<b>Credits</b>	
CIS 3510	Systems Modeling and Design	CIS 2210	3	<b>15</b>
ELECTIVE	General Education Elective	As needed per choice	3	
ELECTIVE	Program Elective	As needed per choice	3	
ITS 3210	Legal and Ethical Issues in Information Technology	CIS 1110A or NET 1010	3	
PPM 3010	Project Management	COM 1020	3	
<b>Fall Year 3</b>	<b>Courses</b>	<b>Prerequisite(s)</b>	<b>Credits</b>	
CIS 4210	Database Administration I	CIS 2210	3	<b>15</b>
CS 3950	Big Data Analytics	MTH 2750, CS 1110A	3	
ELECTIVE	Program Elective	As needed per choice	3	
PPM 3110	Project Planning	PPM 3010	3	
SOC 3050	Personal, Civic, Global Perspectives	COM 1010, MTH 1010, PSY 2050	3	

Spring Year 3		Courses	Prerequisite(s)	Credits	
CIS 3310	Introduction to Cloud Computing and Security	CIS 2210, NET 1010	3		
CIS 4310	Enterprise Architecture	CIS 3510	3		
HUM 3910	Integrated Seminar	COM 1010, MTH 1010, PSY 2050, SOC 3050	3		
PPM 3210	Negotiation Strategies	PPM 3010	3		
PPM 4010	Project Costs and Budget Management	PPM 3010	3		15
Fall Year 4		Courses	Prerequisite(s)	Credits	
CIS 4410	IS Strategy, Management and Acquisition	CIS 4310	3		
ELECTIVE	Program Elective	As needed per choice	3		
ELECTIVE	Program Elective	As needed per choice	3		
PPM 4110	Leading Project Teams	PPM 4010	3		
PPM 4210	Contracting and Procurement for Project Managers	PPM 4010	3		15
Spring Year 4		Courses	Prerequisite(s)	Credits	
CIS 4950	Special Topics In Information Systems		3		
CIS 4990A	Senior Project	CIS 4310	3		
ELECTIVE	Scientific Inquiry Elective		3		
PPM 4990	Senior Design Project in Project Management	PPM 4110	3		
WRK 4850	CoIT Work Experience	Senior status	3		15
<b>Program Total</b>					<b>120</b>

**Program Electives:**

Select any 5 courses, with any of the following prefixes, to fulfill 15 Program Electives hours: CIS, CS, CSC, GSD, ITS, MNP, NET, PPM, WEB. Prerequisites need to be fulfilled for any elective courses.