



**2020 – 2021**  
**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>Credit Hours</b>
CIS 1110A	Computer Operating Systems and Maintenance			3
COM 1010	Composition and Critical Thinking I			3
CS 1110	Introduction to Programming	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>Credit Hours</b>
CIS 2210	Database Management and Design	CS 1110 or CIS 1110A		3
COM 1020	Composition and Critical Thinking II	COM 1010, MTH 1010		3
CS 1650	Python Programming	EGR 2710 or CS 1110		3
MTH 1110	College Algebra I			3
ITS 2310	LINUX I			3
<b>Fall Year 2</b>		<b>Courses</b>	<b>Prerequisite(s)</b>	<b>Credit Hours</b>
ACC 1010	Principles of Accounting	MTH 1110		3
CS 2410	Java Programming	CS 1110		3
MGT 1010	Introduction to Business			3
MTH 1120	College Algebra II	MTH 1110		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>Credit Hours</b>
CS 2150	C++ Programming	EGR 2710 or CS 1110, MTH 1110		3
ITS 2110	Introduction to Network Security	NET 1010		3
MGT 2020	Organizational Behavior and Management	COM 1010, MGT 1010		3
MTH 2750	Statistical Methods	MTH 1110 or MTH 1110		3
PPM 3010	Project Management	COM 1020		3

Fall Year 3		Courses	Prerequisite(s)	Credit Hours	
BUS 3050	Business Analytics	COM 1010, MGT 1010, MTH 2750	3	15	
CIS 3510	Systems Modeling and Design	CIS 2210	3		
CIS 4210	Database Administration I	CIS 2210	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)	Credit Hours	
CIS 4310	Enterprise Architecture	CIS 3510	3	15	
HUM 3910	Integrated Seminar	COM 1010, MTH 1010, PSY 2050, SOC 3050	3		
MGT 2310	Management Information Systems	COM 1020, MGT 1010	3		
PPM 3210	Negotiation Strategies	PPM 3010	3		
PPM 4010	Project Costs and Budget Management	PPM 3010	3		
Fall Year 4		Courses	Prerequisite(s)	Credit Hours	
CIS 4410	IS Strategy, Management and Acquisition	CIS 4310	3	15	
CS 4210	Database Programming I	CIS 2210, CS 1110	3		
ITS 3210	Legal and Ethical Issues in Information Technology	CIS 1110A or NET 1010	3		
PPM 4110	Leading Project Teams	PPM 4010	3		
PPM 4210	Contracting and Procurement for Project Managers	PPM 4010	3		
Spring Year 4		Courses	Prerequisite(s)	Credit Hours	
CIS 4950	Special Topics In Information Systems	HUM 3910, Senior status	3	15	
CIS 4990A	Senior Project	CIS 4410	3		
ELECTIVE	Scientific Inquiry Elective		3		
PPM 4990	Senior Design Project in Project Management	PPM 4110	3		
WRKIT 4010	Work Experience	Senior status	3		
<b>Program Total</b>				<b>120</b>	