



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

Fall Year 1		Courses	Prerequisite(s)	Credits	
CIS 1110A	Computer Operating Systems and Maintenance			3	15
COM 1010	Composition and Critical Thinking I			3	
CS 1110A	Programming in Python			3	
MTH 1010	Quantitative Literacy			3	
NET 1010	Networking Essentials			3	
Spring Year 1		Courses	Prerequisite(s)	Credits	
CIS 2210	Database Management and Design			3	15
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	
Fall Year 2		Courses	Prerequisite(s)	Credits	
CIS 2750	Securing Information Systems	NET 1010		3	15
ELECTIVE	Open 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	
Spring Year 2		Courses	Prerequisite(s)	Credits	
CIS 3510	Systems Modeling and Design	CIS 2210 and CS 1110A or CS 2150 OR CS 2410 OR CS 3110		3	15
ELECTIVE	General Education Elective	As needed per choice		3	
ELECTIVE	Open Elective	As needed per choice		3	
ITS 3210	Legal and Ethical Issues in Information Technology	Junior Status		3	
PPM 3010	Project Management			3	
Fall Year 3		Courses	Prerequisite(s)	Credits	
CIS 4210	Database Administration I	CIS 2210		3	15
ELECTIVE	Scientific Inquiry Elective			3	
ELECTIVE	Open Elective	As needed per choice		3	
PPM 3110	Project Planning	PPM 3010 or BUS 3010		3	
SOC 3050	Personal, Civic, Global Perspectives	COM 1010, MTH 1010, PSY 2050		3	

Spring Year 3		Courses	Prerequisite(s)	Credits	
ELECTIVE	Open Elective		As needed per choice	3	15
CIS 4310	Enterprise Architecture		CIS 3510	3	
CS 3950	Big Data Analytics		MTH 2750 and CS 1110A or CS 2150 or CS 2410 or CS 3110	3	
PPM 3210	Negotiation Strategies		PPM 3010 or BUS 3010	3	
PPM 4010	Project Costs and Budget Management		PPM 3010 or BUS 3010	3	
Fall Year 4		Courses	Prerequisite(s)	Credits	
CIS 4410	IS Strategy, Management and Acquisition		CIS 4310	3	15
ELECTIVE	Open Elective		As needed per choice	3	
CIS 3310	Introduction to Cloud Computing and Security		CIS 2210, NET 1010	3	
PPM 4110	Leading Project Teams		PPM 3010 or BUS 3010	3	
PPM 4210	Contracting and Procurement for Project Managers		PPM 3010 or BUS 3010	3	
Spring Year 4		Courses	Prerequisite(s)	Credits	
CIS 4950	Special Topics in Information Systems			3	15
CIS 4990A	Senior Project		CIS Major, CIS4410, and Senior status	3	
HUM 3910	Integrated Seminar		COM 1010, MTH 1010, PSY 2050, SOC 3050	3	
PPM 4990	Senior Design Project in Project Management		Senior status and PPM 3010 or BUS 3010	3	
WRK 4850	CoIT Work Experience		Senior status	3	
Program Total					120

Open Electives:

Open Electives may be from any prefix. Prerequisites need to be fulfilled for any elective courses.