



2022 – 2023
Information Systems
Concentration in Project Management
Bachelor of Science Degree
Academic Plan

Fall Year 1		Courses	Prerequisite(s)	Credit Hours
CIS 1110A	Computer Operating Systems and Maintenance			3
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
Spring Year 1		Courses	Prerequisite(s)	Credit Hours
CIS 2210	Database Management and Design	CS 1110A or CIS 1110A		3
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)	Credit Hours
CIS 2750	Securing Information Systems	NET 1010		3
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
Spring Year 2		Courses	Prerequisite(s)	Credit Hours
CIS 3510	Systems Modeling and Design	CIS 2210		3
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

Fall Year 3		Courses	Prerequisite(s)	Credit Hours
CIS 4210	Database Administration I		CIS 2210	3
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)	Credit Hours
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
Fall Year 4		Courses	Prerequisite(s)	Credit Hours
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
Spring Year 4		Courses	Prerequisite(s)	Credit Hours
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
Program Total				120

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.