

CREDITS REQUIRED IN MAJOR: 52

FOUNDATION/REQUIRED MAJOR COURSES

COURSE NUMBER	COURSE NAME	CREDIT S	PREREQUISITES	OFFERED	Online
ITP 210	Technical Writing	3	ENG 100 and ENG 102	All semesters	Fall and Spring
ITP 230	Project Management	3		All semesters	Summer
ITP 250	Management Info Systems	3		Fall and Spring	No
ITP 350	Leadership, Teambldg & Facilitation	3		Fall	Fall 2021
ITT 181	Computing Technologies	3		Fall and Spring	no
ITT 200	Introduction to Cyber Security	3	ITT 181	Fall and spring	no
COS 184	Python Programming	4	MAT 108	Fall only	no
ITT 272	Networking I	3	ITT 181	Fall only	no
ITT 362	Operating System Security	3	ITT 200 or COS 200	Fall only	no
ITT 373	Networking II	3	ITT 272	Spring only	no
ITT 376	Network Defense	3	ITT 200 or COS 200 and ITT 272	Spring only	no
ITT 383	Databases	3	ITT 181	Fall only	no
ITT 385	Integrative Programming	3	COS 161 and ITT 272	Spring only	no
ITT 413	Ethical Hacking	3	ITT 200 or COS 200, ITT 272 and PHI 235 or any E/I	Fall only	no
ITT 482	Computer System Forensics	3	ITT or COS 200, ITT 362, and ITT 376	Fall only	no
ITT 440	IT Internship	3	Instructor Permission	All semesters	no

TECHNICAL ELECTIVES (ITT or COS): 12 credits

COURSE NUMBER	COURSE NAME	CREDIT S	PREREQUISITES	OFFERED	Online
		3			
		3			
		3			
		3			

NON-MAJOR REQUIREMENTS: 33 CREDITS

COURSE NUMBER	COURSE NAME	CREDITS	PREREQUISITES	OFFERED	Online
MAT 108	College Algebra	4	MAT 101 or meets Math Readiness	All semesters	All semester
MAT 145	Discrete Math	3	MAT 108, or 140 or 152	All semesters	no
COS 160	Structured Prob. Solving: Java	3	MAT 108 (C or higher) or appropriate placement score	Fall and Spring	Fall
COS 170	Structured Programming Lab	1	Co-req COS 160	Fall and Spring	Fall
COS 161	Algorithms in Programming	4	COS 160	Fall and Spring	no
COS 285	Data Structures	4	COS 161 and MAT 145 or 152	Fall only	no
PHY or CHY or BIO		3	See catalog	All semesters	No
PHY or CHY or BIO lab		1- 1.5	concurrent registration with lecture	All semesters	No
MAT 120	Statistics	4	MAT 101 or 100 (C or higher) or appropriate placement score	All semesters	All semesters
ECO 101 or 102	Macroeconomics or Microeconomics	3		All semesters	All semesters
PHI 235	Philosophy, Social Media, and Security	3		Summer	Summer 2021

CAPSTONE SENIOR SEMINAR (3 CREDITS)

COURSE NUMBER	COURSE NAME	CREDITS	PREREQUISITES	OFFERED	Online
ITT 460	Capstone	3	ITP 210, ITP 230, Senior Standing and Advisor/ Instructor Permission	All semesters	No

MAJOR COURSES OVERLAPPING IN THE CORE:

CORE AREA	COURSE NUMBER	COURSE NAME	REQUIRED BY MAJOR?
WRI III	ITP 210	Technical Writing	Yes
QR	MAT 120	Intro to Statistics	Yes
SCA	ECO 101 or ECO 102	Intro to Macroeconomics or Microeconomics	Yes
EISRC	PHI 235	Philosophy, Social Media, and Security	Yes
Core Electives	ITP 210	Technical Writing	Yes
	ITP 350	Teambuilding and Facilitation	Yes
Core elect/EL	ITT 440	Professional Internship	Yes
Core elect/INT	ITP 230	Project Management	Yes
CAP/ EL	ITT 460	Capstone	Yes

CORE CURRICULUM CODES

WRI 1 – Writing, Reading, & Inquiry 1

WRI 2 – Writing, Reading, & Inquiry 2

WRI 3- Writing, Reading, & Inquiry 3

QR – Quantitative Reasoning

CE – Creative Expression

SCA – Socio-cultural Analysis

CI – Cultural Interpretation

SE – Science Exploration

EISRC – Ethical Inquiry, Social Responsibility, & Citizenship

DIV – Diversity

INT – International

EL- Engaged Learning

CAP - Capstone