IT 2035C Network Infrastructure Management (1)		IT 2045C	Computer Programming II (1)	IT 2035C Network Infrastructure Management (1)			
BSIT Tracks Networking/Systems Track		Software Application Development Track			Cybersecurity Track			
				Total Credits	150			
		15			15			15
	MSIT Advisor Approved Technical Elective 2	3	IT7XXX	IT Elective	3	IT7XXX	IT Elective	3
	Advisor Approved Elective	3	IT7010	Information Technology Research Methods	3	IT7XXX	MSIT Tech Track 3	3

IT 2035C Network Infrastructure Management (1) IT 3036C Enterprise Systems Administration (2)	IT 2045C Computer Programming II (1) IT 3045C Contemporary Programming (2)	IT 2035C Network Infrastructure Management (1) IT 3071C Network Security (2)
IT 3037C Cloud Computing (3)	IT 3048C Mobile Device Programming (3)	IT 3072C Computer and Network Forensics (3)
IT 3071C Network Security (4) IT 3038C Scripting Languages (5) IT 4037C Special Topics in Networking/Systems (6)	IT 3046C Client-Side Web Programming (4) IT 3047C Web Server App. Development (5) IT 4045C Enterprise Application Development (6)	IT 3075C Network Monitoring and Intrusion Prevention Systems (4) IT 4076C Penetration Testing (5) IT 4077C Special Topics in Cybersecurity (6)
IT 5031C Senior Design Networking/Systems Technical Practicum I (7)	IT 5041C Senior Design Software Application Development Technical Practicum I (7)	IT 5071C Senior Design Cybersecurity Technical Practicum I (7)
IT 5032C Senior Design Networking/Systems Technical Practicum II (8)	IT 5042C Senior Design Software Application Development Technical Practicum II (8)	IT 5072C Senior Design Cybersecurity Technical Practicum II (8)

MSIT Tracks			
Cybersecurity Track	Mobile and Social App Development	Game Development	IT Infrastructure
IT7020 Principles of Cybersecurity 3	IT7023 Technologies for Social Networking 3	IT7030 Games for Learning & Simulation 3	IT7027 IT Infrastructure Sustainability 3
IT7021 Enterprise Security and Forensics 3	IT7024 Technologies for Mobile Applications 3	IT7031 Advanced Technologies for Game Development 3	Technologies 3
IT7022 Software Application Security 3	IT7025 Usability for Mobile Applications 3	IT7032 Advanced Multi-player Games 3	IT7029 Advanced Systems Administration 3

Information Technology Co-op schedule

	Freshman		Freshman Sophomore		·e	Pre-Junior			Junior			Senior		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Group A	S1	S2	C1	S3	C2	54	C3	S5	C4	S6	C5	S7	S8	59

^{*}Students must meet with their co-op advisor within the first three weeks of the semester that precedes their first planned co-op semester. With prior approval of the academic and co-op advisors, students may take up to six credit hours of courses while on co-op. Students must complete and pass all coursework for S1 and S2 and have a minimum 2.0 GPA to be eligible to co-op.

*** Science Electives must be from BIOL, CHEM, PHYS or GEOL

*** General Education Electives must be from chosen from courses designated as Fine Arts, Historical Perspectives, Humanities and Literature, or Social Sciences. Each elective must represent a different area.

*Students in the Cybersecurity track must take IT2030 in the spring of their freshmen year (S2). All other students will take in their second year (S4)

++ Cybersecurity track students should take C1001 Introduction to Criminal Justice and POL2035 Cybersecurity Strategy and Policy as their first two advisor approved electives

****Students are considered undergraduate CECH students for the first four years of the program (S1 to S6 and C1 to CS), will become graduate students in the fifth year of the program (S7, S8, and S9), and will graduate with a Bachelor of Science in Information Technology and Master of Science in Information Technology at the end of the spring semester of the fifth year.

Students in the Bachelor of Science in Information Technology may use the prior learning assessment process (http://www.uc.edu/testingservices/pla.html) to receive advanced standing for a maximum of 4 semester IT courses for which they have prior experience. Please speak to the academic advisor or a faculty member before applying.

applying.