ROGERS STATE UNIVERSITY
Bachelor of Technology – Cybersecurity & Information Assurance

Catalog Year	Department	Major Code	Required Hours
2023-2024	Technology & Justice Studies	TECY	120

GENERAL EDUCATION REQUIREMENTS (44 Credit Hours)

Code	Title	Credit Hours
First Year Experience: 2 Credit Hours		
UNIV 1152	The University Experience	2
Communications: 9 Credit Hours		
ENGL 1113	Composition I	3
ENGL 1213	Composition II	3
SPCH 1113	Speech Communication	3
Social and Behavioral Sciences: 9 Credit Hours		
HIST 2483	American History to 1877	3
or HIST 2493	American History Since 1877	
POLS 1113	American Federal Government	3
Choose one course from the social science general education list		3
Science and Mathematics: 12 Credit Hours		
BIOL XXX3	Biological Science w/Lab	4
PHYS XXX3	Physical Science w/Lab	4
MATH XXX3	Any GENED Math	3
Humanities: 6 Credit Hours		
Choose two courses from the Humanities General Education list - ART 1113 Art Appreciation & HUM 2893 Cinema Recommended		6
Global Studies: 3 Credit Hours		
Choose one course from the Global Studies General Education list - *MGMT 3033 Conflict Resolution Recommended*		3
Elective: 3 Credit Hours		
Choose one additional course from the General Education List		3

MAJOR REQUIREMENTS (77 Credit Hours)

Code	Title	Credit Hours
Program Core Requirements: 31 Credit Hours		
CS 1113	Microcomputer Applications	3
CS 2163	Web Site Design and Development	3
CS 3213	Multimedia Development	3
IT 2163	INTRO to Computer Forensics & INVEST	3
IT 4353	Information Assurance and Security Management	3
TECH 3013	Leadership and Decision-Making Skills	3
TECH 3023	Emerging Technologies	3
TECH 3203	INTRO to Risk Management	3
TECH 3213	Enterprise Resource Management Systems	3
TECH 4504	Practicum and Capstone	3
Cybersecurity & Information Assurance: 12 Hours		
CJ 4413	Evidentiary Standards	3
IT 3333	Cybersecurity Investigations	3
IT 4373	Information Assurance Regulations and Ethics	3
IT 4443	Fundamentals of Information and Cybersecurity	3
Technical Specialty: 30 Hours, 15 of which must be CJ, CS, and/or IT and 7 must include the first 3 courses listed below		
IT 1411	Orientation to Computer Technology	1
IT 2143	Introduction to Networking	3
CJ 3013	Criminal Procedures	3
TECH, CS, or IT	Recommend IT 2153 Network Operating Systems I	3
TECH, CS, or IT	Recommend IT 3153 Network Operating Systems II	3
TECH, CS, or IT	Recommend IT 4113 Network Routing	3
TECH, CS, or IT	Recommend CS 4523 ADV Web Systems Development	3
TECH Specialty	Recommend TECH 1030 UAS Design and Build	3
TECH Specialty	Recommend TECH 2020 UAS Flight Operations	3
TECH Specialty	Recommend CS 1213 Introduction to Computing	3
TECH Specialty	Recommend CS 3003 Python Programming	3
All Major Requirements must be completed with grade a C or higher		
Free Electives: 3 credit hours		

Suggested Plan of Study

	FIRST SEMESTER			SECOND SEMESTER		
	Code	**Title**	**Hours**	**Code**	**Title**	**Hours**
FRESHMAN	UNIV 1152	The University Experience	2	XXXX	GENED Elective	3
	ENGL 1113	Composition I	3	POLS 1113	American Federal Government	3
	IT 1411	Orientation to Computer TECH	1	MATH XXX3	Any GENED Math	3
	IT 2143	Introduction to Networking	3	IT 2153	Network Operating Systems I	3
	IT 2163	INTRO to COMP Forensics & INVEST	3	CS 1213	Introduction to Computing	3
	ART 1113	Art Appreciation	3			
		Credit Hours	**15**		**Credit Hours**	**15**
	THIRD SEMESTER			FOURTH SEMESTER		
SOPHOMORE	ENGL 1213	Composition II	3	BIOL XXX3	Biological Science w/Lab	4
	IT 4353	INFO Assurance & Security MAN	3	SPCH 1113	Speech Communication	3
	CS 1113	Microcomputer Applications	3	IT 4443	FUND of INFO/Cybersecurity	3
	HIST XXXX	American History Gen-Ed	3	CS 3213	Multimedia Development	3
	IT 3153	Network Operating Systems II	3	IT 4373	INFO Assurance Regulations & Ethics	3
		Credit Hours	**15**		**Credit Hours**	**16**
	FIFTH SEMESTER			SIXTH SEMESTER		
JUNIOR CSCS	PHYS XXX3	Physical Science w/Lab	4	MGMT 3033	Conflict RESOL; I'm Always Right!	3
	IT 3333	Cybersecurity Investigations	3	TECH 1030	UAS Design and Build	3
	CJ 3013	Criminal Procedures	3	TECH 2020	UAS Flight Operations	3
	TECH 3013	Leadership & DEC Making Skills	3	TECH 3203	INTRO to Risk Management (S)	3
	TECH 3023	Emerging Technologies	3	CJ 4413	Evidentiary Standards	3
		Credit Hours	**16**		**Credit Hours**	**15**
	SEVENTH SEMESTER			EIGHTH SEMESTER		
SENIOR	CS 2163	Website Design & DEV	3	XXXX	Free Elective	3
	TECH 3213	Enterprise Resource MGMT SYS	3	CS 4523	ADV Web Systems Development (S)	3
	IT 4113	Network Routing	3	HUM 2893	Cinema	3
	CS 3003	Python Programming	3	IT 4504	Practicum & Capstone	4
	PSY 1113	INTRO to Psychology	3			
		Credit Hours	**15**		**Credit Hours**	**13**

"F" Denotes Fall Semester Only
"S" Denotes Spring Semester Only

CS 2163 - Website Design & DEV is a prerequisite for CS 4523 - ADV Web Systems Development
IT 2143 - Introduction to Networking is a prerequisite for IT 2153 - Network Operating Systems I
IT 2153 - Network Operating Systems I is a prerequisite for IT 3153 & IT 4113

Contact Information

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