ROGERS STATE UNIVERSITY

B.S. Information Technology – Software Development & Multimedia

Catalog Year	Department	Major Code	Required Hours						
2023-2024	Technology & Justice	BTSD	120						
	Studies								
GENERAL EDUCATION REQUIREMENTS (44 Credit Hours)									
Code									
First Year Experience: 2 Credit Hou									
UNIV 1152	The University Experience	ce	2						
Communications: 9 Credit Hours									
ENGL 1113	Composition I		3						
ENGL 1213	Composition II	·							
SPCH 1113	Speech Communication	3							
Social and Behavioral Sciences: 9			3						
HIST 2483		American History to 1877							
or HIST 2493 POLS 1113	American Fistory Since	American History Since 1877							
	science general education list - PSY 11		sended 3						
Science and Mathematics: 12 Cred		15 mil duction to 15 penology necomm	5						
BIOL XXX3	Biological Science w/Lab	n	4						
PHYS XXX3	Physical Science w/Lab	-							
	·		4						
MATH 1513 (or Higher)	College Algebra		3						
Humanities: 6 Credit Hours									
Choose two courses from the Humaniti	es General Education list - ART 1113 Art App	preciation & HUM 2893 Cinema Recom	mended 6						
Global Studies: 3 Credit Hours									
Choose one course from the Globa	Il Studies General Education list - MGM	1T 3013 Conflict Resolution Recommend	ded 3						
Elective: 3 Credit Hours									
Choose one additional course from	the Conoral Education List		3						
Choose one additional course from			3						
		TS (77 Credit Hours)							
Code	Title	TS (77 Credit Hours)	Credit Hours						
Program Core Requirements: 35 C	Title Tredit Hours								
Program Core Requirements: 35 C CS 1113	Title Fredit Hours Microcomputer Applicat	tions	3						
Program Core Requirements: 35 C CS 1113 CS 1213	Title iredit Hours Microcomputer Applicat Introduction to Comput	tions	3 3						
Program Core Requirements: 35 C CS 1113	Title Fredit Hours Microcomputer Applicat	tions	3						
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Program Core Requirements: 35 C CS 1113 CS 1213 CS 2223 CS 2323	Title Fredit Hours Microcomputer Applicat Introduction to Compute Programming I Programming II	tions	3 3 3 3						
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Suggested Plan of Study

		FIRST SEMESTER		SECOND SEMESTER		
	Code	Title	Hours	Code	Title	Hours
FRESHMAN	UNIV 1152	The University Experience	2	CS 2223	Programming I	3
	ENGL 1113	Composition I	3	POLS 1113	American Federal Government	3
	IT 1411	Orientation to Computer TECH	1	MATH 1513	College Algebra	3
	IT 2143	Introduction to Networking	3	IT 2153	Network Operating Systems I	3
Ħ	CS 1213	Introduction to Computing	3	IT 2163	INTRO to COMP Forensics & INVEST	3
	ART 1113	Art Appreciation	3			
		Credit Hours	15		Credit Hours	15
111	THIRD SEMESTER			FOURTH SEMESTER		
)RE	ENGL 1213	Composition II	3	BIOL XXX3	Biological Science w/Lab	4
NC	CS 2323	Programming II	3	SPCH 1113	Speech Communication	3
0	CS 1113	Microcomputer Applications	3	IT 4443	FUND of INFO/Cybersecurity	3
PH	HIST XXXX	American History Gen-Ed	3	CS 3213	Multimedia Development	3
SOPHOMORE	TECH 3023	Emerging Technologies	3	CS 3363	Data Structures	3
		Credit Hours	15		Credit Hours	16
		FIFTH SEMESTER			SIXTH SEMESTER	
IUNIORCSCS	PHYS XXX3	Physical Science w/Lab	4	MGMT 3013	Conflict RESOL; I'm Always Right!	3
SS	CS 3343	Mobile APP Development	3	HUM 2893	Cinema	3
OR	CS 3423	Software Engineering	3	XXXX	GENED Free Elective	3
Ž	TECH 3013	Leadership & DEC Making Skills	3	TECH 3203	INTRO to Risk Management (S)	3
S	CS 3413	Systems Analysis	3	MGMT 3423	Management INFO Systems	3
		Credit Hours	16		Credit Hours	15
OR	SEVENTH SEMESTER			EIGHTH SEMESTER		
	CS 2163	Website Design & DEV	3	CS 3623	Human Computer Interface (S)	3
	TECH 3213	Enterprise Resource MGMT SYS	3	CS 4523	ADV Web Systems Development (S)	3
SENIOR	IT 3723	Computer Architecture	3	CS 3223	Data Modeling	3
SE	CS 3003	Python Programming	3	IT 4504	Practicum & Capstone	4
	PSY 1113	INTRO to Psychology	3			
		Credit Hours	15		Credit Hours	13

[&]quot;F" Denotes Fall Semester Only

CS 1213 - Introduction to Computing is a prerequisite for CS 2223

CS 2223 - Programming I is a prerequisite for CS 3223, CS 3413, & CS 3623

CS 2323 - Programming II is a prerequisite for CS 3333, CS 3363, & CS 3733

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

Contact Information

Department Head – Assistant Professor, R. Curtis Sparling, Herrington Hall, Room 108, 918.343.7722, rsparling@rsu.edu

Advising - success@rsu.edu



[&]quot;S" Denotes Spring Semester Only