

Virginia State University - Reginald F. Lewis College of Business						
Department of Computer Information Systems						
Curriculum for Computer Information Systems Bachelor with Concentration in Cybersecurity and Forensics						
Pre-Business Phase:						
Semester 1		Hours		Semester 2	Hours	
FRST 101	Freshman Studies	0		ENGL 111	Composition II	3
ENGL 110	Composition I	3		COBU 111	Professional Enhancement/Career Dev	1
MATH 120	College Alg. & Trig.	3		COBU 155	Information Systems & Technology I	3
	Science Elective Lecture	3		COBU 170	Legal and Ethical Issues in Business	3
	Science Elective Lab	1			History Elective	3
COBU 101	Introduction to Business	3			HPER Elective	2
	Social Science	3				
	Total Hrs.	16			Total Hrs.	15
Semester 3						
Semester 3		Hours		Semester 4	Hrs	
SPEE 214	Intro to Public Speaking	3		COBU 202	Intro. Accounting II	3
MATH 212	Intro. To Calculus	3		COBU 220	Financial Managerial Economics	3
COBU 201	Intro. Accounting I	3		COBU 260	Business Statistics	3
COBU 210	Financial Economics	3			Literature Elective	3
	Global Studies Elective	3				
	Total Hrs.	15			Total Hrs.	12
Business Phase:						
Semester 5		Hours		Semester 6	Hours	
CISY 312	Operating Sys. Admin. and Cloud Computing	3		CISY 367	Computer Networks I	3

CISY 330	Computer Programming I	3		CISY 368	Info. Security and Assurance I	3
COBU 300	Principles of Finance	3		COBU 303	Business Information Systems	3
COBU 301	Principles of Marketing	3		COBU 305	Operations Management	3
COBU 303	Business Information Systems	3		COBU 306	Business Analytics I	3
	Total Hrs.	15			Total Hrs.	15
Semester 7						
		Hrs				Hrs
COBU 410	Global Business Perspective	3		CISY 480	Database Design and Application	3
COBU 406	Business Analytics II	3		CISY 487	ERP Systems Configuration	3
CISY 468	Adv. Info. Sec. and Assurance	3		CISY 478	Cybersecurity and IT Risk Management	3
COBU 400	Organization Policy & Strategy	3		CISY 499	Capstone Professional Cert.	3
CISY 362	Systems Analysis & Design	3		COBU 415	Special Topics in Service Learning	2
				CISY 488	Advanced Info. Tech. Sec. and Forensics	3
	Total Hrs.	15			Total Hrs.	17
Total Credit Hours						120
ALL BUSINESS COURSES AND ENGL 110 AND ENGL 111 MUST BE COMPLETED WITH AT LEAST A "C" GRADE.						
Electives					Substitution: COBU 410- Global Business	
CISY 450	Cloud Operations and Visualization			CISY 388	Intro. - Info. Tech. Sec. and Forensics	
CISY 432	Computer Programming II – Python					