

Virginia State University - Reginald F. Lewis College of Business
 Department of Computer Information Systems
 Curriculum for Management Information Systems Bachelor with Concentration in Cybersecurity and Forensics

Pre-Business Phase:

Semester 1		Hrs
FRST 101	Freshman Studies	0
ENGL 110	Composition I	3
MATH 120	College Alg. & Trig.	3
	Science Elective Lecture	3
	Science Elective Lab	1
COBU 101	Introduction to Business	3
	Social Science	3
Total Hrs.		16

Semester 2		Hrs
ENGL 111	Composition II	3
COBU 111	Professional Enhancement/Career Dev	1
COBU 155	Information Systems & Technology I	3
COBU 170	Legal and Ethical Issues in Business	3
	History Elective	3
	HPER Elective	2
Total Hrs.		15

Semester 3		Hrs
SPEE 214	Intro to Public Speaking	3
MATH 212	Intro. To Calculus	3
COBU 201	Intro. Accounting I	3
COBU 210	Financial Economics	3
	Global Studies Elective	3
Total Hrs.		15

Semester 4		Hrs
COBU 202	Intro. Accounting II	3
COBU 220	Financial Managerial Economics	3
COBU 260	Business Statistics	3
	Literature Elective	3
Total Hrs.		12

Business Phase:

Semester 5		Hrs
CISY 312	Operating Sys. Admin. and Cloud Computing	3
CISY 330	Computer Programming I	3
COBU 300	Principles of Finance	3
COBU 301	Principles of Marketing	3
COBU 303	Business Information Systems	3
Total Hrs.		15

Semester 6		Hrs
CISY 367	Computer Networks I	3
CISY 368	Info. Security and Assurance I	3
COBU 303	Business Information Systems	3
COBU 305	Operations Management	3
COBU 306	Business Analytics I	3
Total Hrs.		15

Semester 7		Hrs
COBU 410	Global Business Perspective	3
COBU 406	Business Analytics II	3
CISY 468	Adv. Info. Sec. and Assurance	3
COBU 400	Organization Policy & Strategy	3
CISY 362	Systems Analysis & Design	3
Total Hrs.		15

Semester 8		Hrs
CISY 480	Database Design and Application	3
CISY 487	ERP Systems Configuration	3
CISY 478	Cybersecurity and IT Risk Management	3
CISY 499	Capstone Professional Cert.	3
COBU 415	Special Topics in Service Learning	2
CISY 488	Advanced Info. Tech. Sec. and Forensics	3
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

CISY 450 Cloud Operations and Visualization
 CISY 432 Computer Programming II – Python

**Substitution: COBU 410- Global Business
 Intro. - Info. Tech. Sec. and Forensics**

CISY 388