Bachelor of Science - Computing & Business - 120 Credits

		Fall Semester			Spring Semester	
Freshman	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science I	3
	ENGL 101	English Comp: Intro to Academic Writing	3	ECON 201	Economics	3
	MATH 111	Calculus I	4	ENGL 102	English Comp: Intro to Writing for Research	3
	Science l	PHYS/CHEM/BIOL or Rutgers	3	MATH 112	Calculus II	4
	Science l Lab	PHYS/CHEM/BIOL or Rutgers	1	Science ll	PHYS/CHEM/BIOL or Rutgers	3
	FRSH SEM	Freshman Seminar	0	Science ll Lab	PHYS/CHEM/BIOL or Rutgers	1
	Credits:		14	Credits:		17
Sophomore	ACCT 117	Principles of Financial Accounting	3	CS 241	Foundations of Computer Science l	3
	CS 114	Introduction to Computer Science II	3	CS 280	Programming Language Concepts	3
	Lower Humanities GER	Any 200-level course from COM, ENG, HIST, HUM, LIT, PHIL, STS, or THTR	3	COM 312 or COM 313	Oral Presentations or Technical Writing	3
	IS 350	Computers, Society and Ethics	3	MGMT 216	Business Data Analytics	3
	MATH 333	Probability & Statistics	3	YWCC 207	Computing & Effective Communication	1
	Credits:		15	Credits:		13
Junior	CS 288	Intensive Programming in Linux	3	CS 356	Introduction to Computer Networks	3
	CS 331	Database System Design & Management	3	HRM 301	Organizational Behavior	3
	CS 332	Principles of Operating Systems	3	IS 344	Computing Applications in Business	3
	FIN 315	Fundamentals of Corporate Finance	3	IT 310	E-Commerce Technology	3
	MRKT 330	Principles of Marketing	3	OM 375	Management Science	3
				YWCC 307	Professional Development in Computing	1
	Credits:		15	Credits:		16
Senior	CS 357	Fundamentals of Network Security	3	Business Elective	200/300/400-level from ACCT, ENTR, FIN, HRM, MRKT, or MGMT (except MGMT 390)	3
	CS 490	Guided Design in Software Engineering	3	CS 435	Advanced Data Structures & Algorithm Design	3
	Upper Humanities GER	Any 300-level course from COM, ENG, HIST, HUM, LIT, PHIL, STS, or THTR	3	CS 491	Computer Science Project	3
	MGMT 391	International Business	3	Humanities Capstone	HSS 400-level	3
	General Elective 1		3	General Elective 2		3
	Credits:		15	Credits:		15