

## Bachelor of Science - Computing & Business - 120 Credits

		Fall Semester		Spring Semester			
<b>Freshman</b>	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science I	3	
	HUM 101	English Composition: Writing, Speaking, Thinking I	3	ECON 201	Economics	3	
	MATH 111	Calculus I	4	HUM 102	English Composition: Writing, Speaking, Thinking II	3	
	Science I	PHYS/CHEM/BIOL or Rutgers	3	MATH 112	Calculus II	4	
	Science I Lab	PHYS/CHEM/BIOL or Rutgers	1	Science II	PHYS/CHEM/BIOL or Rutgers	3	
	FRSH SEM	Freshman Seminar	0	Science II Lab	PHYS/CHEM/BIOL or Rutgers	1	
	<b>Credits:</b>			<b>14</b>	<b>Credits:</b> <b>17</b>		
<b>Sophomore</b>	ACCT 117	Principles of Financial Accounting	3	CS 241	Foundations of Computer Science I	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	ENG 340 or ENG 352	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	
	<b>Credits:</b>			<b>15</b>	<b>Credits:</b> <b>13</b>		
<b>Junior</b>	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
	<b>Credits:</b>			<b>15</b>	<b>Credits:</b> <b>16</b>		
<b>Senior</b>	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	
	<b>Credits:</b>			<b>15</b>	<b>Credits:</b> <b>15</b>		