Bachelor of Science - Human-Computer Interaction - 120 Credits

		Fall Semester				Spring Semester	
Freshman	CS 100	Roadmap to Computing	3	ENGL 102	English Comp: Intro to Writing for Research		3
	ENGL 101	English Comp: Intro to Academic Writing	3	IS 218	Building Web Applications		3
	IS 117	Introduction to Website Development	3	IS 247	Designing the User Experience		3
	MATH 101 or MATH 138 or MATH 111	Foundation of Mathematics for the Liberal Arts or General Calculus I or Calculus I	3	Science II	PHYS/CHEM/BIOL or Rutgers		3
	Science I	PHYS/CHEM/BIOL or Rutgers	3	Science II Lab	PHYS/CHEM/BIOL or Rutgers		1
	Science I Lab	PHYS/CHEM/BIOL or Rutgers	1	PSY 210 or R830 101	General Psychology or Principles of Psychology I		3
	FRSH SEM	Freshman Seminar	0				
	Credits:		**16**	**Credits:**			**16**
Sophomore	AD 150 or R080 121 or R085 102 or R085 103	Color and Composition or Intro to Drawing or Design Fundamentals or 3D Design Fundamentals	3	IS 375	Discovering User Needs for UX		3
	IS 350	Computers, Society and Ethics	3	R830 301	Statistical Methods		4
	MATH 105	Elementary Probability and Statistics	3	R830 304	Cognitive Processes		3
	R830 102	Principles of Psychology II	3	YWCC 207	Computing & Effective Communication		1
	General Elective 1		3	Specialization 1			3
	Credits:		**15**	**Credits:**			**14**
Junior	AD 201 or IE 355	Human Factors/Ergonomics or Human Factors	3	COM 312 or COM 313	Oral Presentations or Technical Writing		3
	IS 331	Database Design Management and Applications	3	R830 302	Experimental Methods		4
	IS 390	Requirements Analysis and Systems Design	3	Upper Humanities GER	Any 300-level course from COM, ENG, HIST, HUM, LIT,		3
	IS 448	Usability & Measuring UX (Fall Only)	3	YWCC 307	Professional Development in Computing		1
	General Elective 2		3	General Elective 3			3
	Credits:		**15**	**Credits:**			**14**
Senior	ENTR 410 or IE 492	New Venture Management or Engineering Management	3	IS 491 or IT 491	Senior Project or IT Capstone Project		3
	Humanities Capstone	HSS 400-level	3	General Elective 6			3
	General Elective 4		3	General Elective 7			3
	General Elective 5		3	Specialization 3			3
	Specialization 2		3	Specialization 4			3
	Credits:		**15**	**Credits:**			**15**