

## Bachelor of Science - Human-Computer Interaction - 120 Credits

		Fall Semester		Spring Semester		
<b>Freshman</b>	CS 100	Roadmap to Computing	3	HUM 102	English Composition: Writing, Speaking, Thinking II	3
	HUM 101	English Composition: Writing, Speaking, Thinking I	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	STS 210 or R830 101	General Psychology or Principles of Psychology I	3
	FRSH SEM	Freshman Seminar	0			
	<b>Credits:</b>		<b>16</b>	<b>Credits:</b>		<b>16</b>
<b>Sophomore</b>	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
	<b>Credits:</b>		<b>15</b>	<b>Credits:</b>		<b>14</b>
<b>Junior</b>	AD 201 or IE 355	Human Factors/Ergonomics or Human Factors	3	ENG 340 or ENG 352	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, PHIL, STS, or THTR	3
	IS 448	Usability & Measuring UX (Fall Only)	3	YWCC 307	Professional Development in Computing	1
	General Elective 2		3	General Elective 3		3
<b>Credits:</b>		<b>15</b>	<b>Credits:</b>		<b>14</b>	
<b>Senior</b>	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
	<b>Credits:</b>		<b>15</b>	<b>Credits:</b>		<b>15</b>