

Bachelor of Science - Human-Computer Interaction - 120 Credits

Fall Semester				Spring Semester			
Freshman	CS 100	Roadmap to Computing	3	IS 247	Designing the User Experience	3	
	ENGL 101	English Composition: Introduction to Academic Writing	3	AD 150	Color and Composition	3	
	IS 117	Introduction to Website Development	3	PSY 210	Introduction to Psychology	3	
	MATH 101 or MATH 138	Foundation of Mathematics for the Liberal Arts or General Calculus I	3	ENGL 102	English Composition: Introduction to Writing for Research	3	
	Science I	PHYS/CHEM/BIOL or Rutgers	3	Science II	PHYS/CHEM/BIOL or Rutgers	3	
	Science I Lab	PHYS/CHEM/BIOL or Rutgers	1	Science II Lab	PHYS/CHEM/BIOL or Rutgers	1	
	FRSH SEM	First-Year Student Seminar	0				
	Credits:		16	Credits:		16	
Sophomore	IS 218	Building Web Applications	3	IT 201	Information Design Techniques	3	
	IS 350	Computers, Society and Ethics	3	IS 375	Discovering User Needs for UX	3	
	MATH 105	Elementary Probability and Statistics	3	PSY 307	Social Science Research Methods II	3	
	PSY 304	Social Science Research Methods I	3	PSY 307A	Social Science Research Methods II Lab	1	
	PSY 304A	Social Science Research Methods I Lab	1	YWCC 207	Computing & Effective Communication	1	
	PSY 215	Biology of Behavior	3	General Elective 1		3	
	Credits:		16	Credits:		14	
Junior	IS 257	Design Thinking: Addressing Structural Inequality	3	IE 355 or AD 201	Human Factors or Human Factors/Ergonomics	3	
	IS 265	Introduction to Information Systems	3	COM 312 or COM 313	Effective Communication or Writing in the Workplace	3	
	IS 390	Requirements Analysis and Systems Design	3	PSY 359	Foundations of Cyberpsychology	3	
	IS 448	Usability & Measuring UX	3	YWCC 307	Professional Development in Computing	1	
	General Elective 2		3	HCI Elective 1		3	
	Credits:		15	Credits:		13	
Senior	ENTR 210 or IE 492	Introduction to Entrepreneurship or Engineering Management	3	IT 491	IT Capstone Project	3	
	HSS 404	Humanities, History and Social Sciences Senior Seminar	3	HCI Elective 4		3	
	HCI Elective 2		3	HCI Elective 5		3	
	HCI Elective 3		3	General Elective 4		3	
	General Elective 3		3	General Elective 5		3	
	Credits:		15	Credits:		15	