

Bachelor of Science - Human Computer Interaction
Degree Requirements Worksheet
 129 Credits

Student Name: _____
ID: _____
GPA: _____

REQUIRED CORE COURSES			
Completed	Course	Title	Prerequisites
	Math 138	General Calculus I	C in Math 101/107/109/110
	Math 105	Elementary Probability & Statistics	N/A
	Science I	BIO/CHEM/PHYS	
	Science I Lab	BIO/CHEM/PHYS	
	Science II	BIO/CHEM/PHYS	
	Science II Lab	BIO/CHEM/PHYS	
	HCI Specialization Elective 1		
	HCI Specialization Elective 2		
	HCI Specialization Elective 3		
	HCI Specialization Elective 4		
	CS 107	Computing as a Career	Freshman standing
	CS 207	Computing & Effective Communication	Sophomore standing
	CS 407	Professional Development in Computing	Senior standing

HCI Specialization:
 HCI Specialization Options: catalog.njit.edu/undergraduate/programs/humaninteraction.php

GENERAL UNIVERSITY REQUIREMENT COURSES (GUR)			
Completed	Course	Title	Prerequisites
	HUM 101	English Composition: Writing, Speaking, Thinking I	Placement OR C in HUM 099
	HUM 102	English Composition: Writing, Speaking, Thinking II	C in HUM 101
	HUM 211/ HUM 212/HIST 213	The Pre-Modern World/The Modern World/ The Twentieth-Century World	C in HUM 102
	SS: 830:101/STS 210	Rutgers Course - Principles of Psychology I/General Psychology	N/A
	SS: 830:102	Rutgers Course - Principles of Psychology II	N/A
	ENG 340/352	Oral Presentations/Technical Writing	C in HUM 102 AND HUM 211/212/HIST 213
	IE 492	Engineering Management	Junior OR Senior standing
	Upper LIT/PHIL/HIST/STS	300/400 level	C in HUM 102 AND HUM 211/212/HIST 213
	Humanities Senior Seminar	HSS 400 level	C in HUM 102 AND HUM 211/212/HIST 213 AND Upper LIT/PHIL/HIST/STS AND Senior standing
	AD 150	Color & Composition	
	General Elective 1		
	General Elective 2		
	General Elective 3		
	General Elective 4	co - op credit allowed	
	General Elective 5	co - op credit allowed	
	Physical Education I		
	Physical Education II		

ACADEMIC ADVISOR: _____
ACADEMIC ADVISOR EMAIL: _____

REQUIRED CCS COURSES			
Completed	Course	Title	Prerequisites
	CS 100	Roadmap to Computing	N/A
	CS 113	Introduction to Computer Science	C in CS 100
	830:301	Rutgers Course - Statistical Methods	830:101 AND 102
	830:302	Rutgers Course - Experimental Methods	830: 301
	830:304	Rutgers Course - Cognitive Processes	830:101 AND 102
	830:372	Rutgers Course - Perception	830:101
	IS 117	Introduction to Website Development	N/A
	AD 201/IE 355	Human Factors-Ergonomics/Human Factors	Sophomore/Senior standing
	IS 247	Designing the User Experience	N/A
	IS 322	Mobile Applications: Design, Interface, Implementation (SPRING)	
	IS 331	Database Design Management & Applications	CS 113
	IS 333	Social Networking: Application & Interface Design (FALL)	CS 113
	IS 350	Computers, Society & Ethics	C in CS 100 AND HUM 101 AND (1) SS COURSE
	IS 448/IS 488 519	Design Studio for Ubiquitous Computing/ Independent Study in Information Systems	N/A
	IS 375	Evaluating the User Experience (FALL)	N/A
	IS 390	Requirements Analysis & Systems Design	CS 113
	CS/IT 491	Senior Project	Senior standing

OTHER CREDITS (CREDITS DO NOT COUNT TOWARDS DEGREE REQUIRMENTS)			
Completed	Course	Title	Prerequisites

REVIEW DATES & ADDITIONAL NOTES
 You can earn up to six co - op credits. For more information please visit [CDS: njit.edu/cds/students/co-op/index.php](http://CDS.njit.edu/cds/students/co-op/index.php)

LABEL KEY

Have not taken this course
Courses in progress
Will register for this course
Completed course
Pending transfer credit