Bachelor of Science - Web & Information Systems
Degree Requirements Worksheet
129 Credits

Student Name:	
ID:	
GPA:	

REQUIRED CORE COURSES

Completed		Course	Title	Prerequisites
		Math 138	General Calculus I	Placement or C in Math 107
		Math 105	Elementary Probability & Statistics	
		Science I	BIO/CHEM/PHYS	
		Science II	BIO/CHEM/PHYS	
		Science II Lab	BIO/CHEM/PHYS	
		CS 107	Computing as a Career	Freshman standing
		CS 207	Computing & Effective Communication	Sophomore standing
		CS 407	Professional Development in Computing	Senior standing

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
		Social Science I*		
		Social Science II*		
		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
		General Elective 1		
		General Elective 2		
		General Elective 3		
		General Elective 4		
		General Elective 5	co - op credit allowed	
		General Elective 6	co - op credit allowed	
		Physical Education I		
		Physical Education II		

*Social Science Courses: ECON 201/265/266, EPS 202, STS 201/210/221, RU Psychology/Sociology/Criminal Justice/Anthropology/Political Science.

REQUIRED CCS COURSES

Completed		Course	Title	Prerequisites
		CS 100	Roadmap to Computing	N/A
		CS 113	Introduction to Computer Science	C in CS 100
		IS 117	Introduction to Website Development	N/A
		IS 217	Advanced Website Development (SPRING)	IS 117
		IS 218	Building Web Applications (FALL)	CS 113
		IS 247	Designing the User Experience	N/A
		IS 265	Introduction to Information Systems (SPRING)	N/A
		IT 310	E-Commerce Technology	N/A
		IS 322	Mobile Applications: Design, Interface, Implementation (SPRING)	CS 113
		IS 331	Database Design Management & Applications	CS 113
		IS 333	Social Networking: Application & Interface Design (FALL)	CS 113
		IS 344	Computing Applications in Business (SPRING)	CS 113
		IS 350	Computers, Society & Ethics	C in CS 100 AND HUM 101 AND (1) SS COURSE
		CS 356	Introduction to Computer Networks	N/A
		IS 373	Web Standards (SPRING)	CS 113
		IS 375	Evaluating the User Experience (FALL)	N/A
		IS 390	Requirements Analysis & Systems Design	CS 113
		IS 392	Web Mining & Information Retrieval (SPRING)	CS 113
		IS 421	Advanced Web Applications (FALL)	IS 217
		IS 455	Information Systems Management	CS 113
		IS 465	Advanced Information Systems (SPRING)	IS 265, IS 331, AND Math 105
		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

ACADEMIC ADVISOR:	
ACADEMIC ADVISOR EMAIL:	

LABEL KEY

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

2/7/2014