DEGREE REQUIREMENTS FOR INTERDISCIPLINARY COMPUTING (as of FALL 2019)

Updated April 2019

Name _____ Class of _____ CPSC GPA _____ (from Transcript)

Computer Science Core Requirements

Sem	Grade	Course	
		CPSC 115L	Intro to Computing
		CPSC 215L	Data Structures and Algorithms
		CPSC 203	Math Found. of Computing

Coordinate Courses - need 6 to 7 courses in the coordinate discipline to be chosen in consultation with the coordinate advis

Sem	Grade	Course	Sem	Grade	Course

Cognate Requirements

For students coordinating with a discipline in the natural and social sciences:

Sem	Grade	Course	
		MATH 131	Calculus I

and one additional numeric or symbolic reasoning course from the following list: (if MATH, must be 107 or higher)

		POLS 242	Political Science Research Methods
		PSYC 221L	Research Design and Analysis
		SOCL 201L	Research Methods in the Soc. Sciences
		MATH	

For students coordinating with a discipline in the arts and humanities:

		MATH 127	Functions, Graphs & Modeling OR	Eligibility to enroll in MATH 131 (additional mathematics courses are to be specified in a study plan)

Computer Science Electives - need 3 courses appropriate to the coordinate discipline, to be chosen in consultation with the computer science advis

Sem	Grade	Course		Sem	Grade	Course	
		CPSC 110	Computers, Information, and Society			CPSC 340	Principles of Software Engineering
		CPSC 110	Visual Computing			CPSC 352	Artificial Intelligence
		CPSC 110	Computing with Mobile Phones			CPSC 372	Database Fundamentals
		CPSC 219	Theory of Computation			CPSC 375	High-Performance Computing
		CPSC 225	Topics in Application Programming			CPSC 385	Computer Security
		CPSC 275L	Introduction to Computer Systems			CPSC 415	Special Topics in Computing
		CPSC 304	Computer Graphics				
		CPSC 310	Software Design				
		CPSC 315	Systems Software				
		CPSC 316	Foundations of Programming Languages				
		CPSC 320	Analysis of Algorithms				
		CPSC 333	Computer Networks				

Senior Exercise (Seminar + Project)

Sem	Grade	Course	Sem	Grade	Course
		CPSC 403			CPSC 498
		CPSC 404			CPSC 499

Students must register for all four seperately. They also receive seperate grades.