

B. S. in Computer and Information Science – Computer Science Concentration

(120 credits)

Fall 2007 Catalog

Sample Course Sequence (Full-time students, 4-year, 11-semester plan, Fall, Winter, and Summer terms)

This Sample Course Sequence sheet shows *only one example* of how courses may be scheduled. Some courses may be taken before or after the semester they are listed, provided course [Pre-Requisites](#) <link> have been met.

Semester	Course	Prerequisites	Co-requisites
FALL – 1	CIS 150 with Lab (4 credits)		MATH 115
(14 credits)	COMP 105 (3)	Placement into COMP 105	
	MATH 115 (4)	Placement into MATH 115	
	Humanities or Beh/Soc Sciences (3)		
Winter	CIS 200 with Lab (4)	CIS 150, MATH 115	CIS 275
(12 credits)	MATH 116 (4)	MATH 115	
	CIS 275 (4)	MATH 115	CIS 200
Summer	MATH 217 (2)	MATH 116	
(5 credits)	Humanities or Beh/Soc Sciences (3)		
FALL – 2	Humanities or Beh/Soc Sciences (3)		
(15 credits)	Laboratory Science (4)	Varies with specific course	
	CIS 350 (4)	MATH 115, CIS 200, CIS 275	
	CIS 306 (4)	CIS 275	
Winter	Laboratory Science (4)	Varies with specific course	
(14 credits)	CIS 310 (4)	MATH 115, CIS 200, CIS 275	
	IMSE 317 (3)	MATH 116	
	COMP 270 (3)	COMP 105	
Summer	ECON 201 (3)		
(3 credits)			
FALL – 3	CIS 450 (4)	IMSE 317, CIS 310, CIS 350	
14-15 credits	CIS track or elective (3-4)	Varies with specific course	
	CIS 375 (4)	COMP 270, CIS 350	
	Humanities or Beh/Soc Sciences (3)		
Winter	CIS 427 (4)	IMSE 317, CIS 3501	
13-15 credits	CIS track or Elective (3-4)	Varies with specific course	
	CIS track or Elective (3-4)	Varies with specific course	
	General Elective (3)		
Summer	Humanities or Beh/Soc Sciences (3)		
(9-10 credits)	General Elective (3)		
	CIS track or Elective (3-4)	Varies with specific course	
FALL – 4	CIS 4951 (2)	CIS 375	
13-16 credits	CIS track or Elective (3-4)	Varies with specific course	
	Laboratory Science (4)	Varies with specific course	
	General Elective (1-4)		
	CIS track or Elective (3-4)	Varies with specific course	
Winter	CIS 4952 (2)	CIS 4951	
11-13 credits	ENGR 400 (3)	Senior standing (85 credits)	
	CIS track or Elective (3-4)	Varies with specific course	
	CIS track or Elective (3-4)	Varies with specific course	

➔ See **CURRICULUM REQUIREMENTS SHEET** (www.engin.umd.umich.edu/SRA/circ_require.php) <link> for detailed course requirements, including those for the Humanities and Behavioral or Social Sciences courses.

➔ For courses needed for co-op see: www.engin.umd.umich.edu/COOP/eligibility.php <link>