

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

(120 credits)

Winter 2008 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 (14 credits)	CIS 150 with Lab (4 credits)		MATH 115
	COMP 105 (3)	Placement into COMP 105	
	MATH 115 (4)	Placement into MATH 115	
	Humanities or Beh/Soc Sciences (3)		
Winter (12 credits)	CIS 200 with Lab (4)	CIS 150, MATH 115	CIS 275
	MATH 116 (4)	MATH 115	
	CIS 275 (4)	MATH 115	CIS 200
Summer (6 credits)	ACC 298 (3)	Sophomore standing: 25 credits	MATH 105
	Humanities or Beh/Soc Sciences (3)		
FALL – 2 (14 credits)	Math 227 (3)	MATH 116	
	Laboratory Science course (4)	Varies with specific course	
	CIS 350 (4)	MATH 115, CIS 200, CIS 275	
	IMSE 317 (3)	MATH 116	
Winter (14 credits)	Laboratory Science course (4)	Varies with specific course	
	CIS 310 (4)	MATH 115, CIS 200, CIS 275	
	CIS 294 or CIS 296 (3)	CIS 200	
	COMP 270 (3)	COMP 105	
Summer (6 credits)	ECON 201 (3)		
	Humanities or Beh/Soc Sciences (3)		
FALL – 3 (12 credits)	CIS 421 (4)	CIS 350	
	IMSE 3005 (4)	MATH 227	IMSE 317
	CIS 375 (4)	COMP 270, CIS 350	
Winter (12 credits)	CIS 427 (4)	IMSE 317, CIS 350	
	CIS 450 (4)	IMSE 317, CIS 310, CIS 350	
	General Elective (4)		
Summer (6 credits)	General electives (3-4)		
	OB 354 (3)	Junior standing (55 credits)	
FALL – 4 (12 credits)	CIS 4951 (2)	CIS 375	
	CIS 4261 (4)	CIS 375	CIS 421
	CIS-INSY Elective (3)	Varies with specific course	
	Humanities or Beh/Soc Sciences (3)		
Winter (12 credits)	CIS 4952 (2)	CIS 4951	
	ENGR 400 (3)	Senior standing (85 credits)	
	CIS 4262 (4)	CIS 4261	
	CIS-INSY Elective (3)	Varies with specific course	

➔ See CURRICULUM REQUIREMENTS SHEET (www.engin.umd.umich.edu/SRA/circ_requir.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>