

Sample Course Sequence (Full-time students, 4-year, 11-semesters 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	
	DDC –GEHA or GESB (3)		
Winter	CIS 200 with Lab (4)	CIS 150, MATH 115	CIS 275 -recommended
12 credits	MATH 116 (4)	MATH 115	
	CIS 275 (4)	MATH 115	CIS 200
Summer	MATH 217 (2)		MATH 116
5 credits	DDC –GEHA or GESB (3)		
FALL – 2	CIS 285 (3)		CIS 200
15 credits	Laboratory Science (4)	Varies with specific course	
	CIS 3501 (4)	MATH 115, CIS 200, CIS 275	CIS 285
	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 and 35 credits completed	
Summer	ECON 201 (3)		
7 credits	Laboratory Science (4)	Varies with specific course	
FALL – 3	CIS 427 (4)	IMSE 317, CIS 3501	
14 credits	OB 354 (3)	Junior Standing (55 credits)	
	CIS 375 (4)	COMP 270, CIS 3501	
	DDC –GEHA or GESB (3)		
Winter	CIS 450 (4)	IMSE 317, CIS 310, CIS 3501	
12 credits	CIS 376 (4)	CIS 375	
	*Technical Elective (4)	Varies with specific course	
Summer	DDC –GEIN (3)		
3 credits			
FALL – 4	CIS 4961 (2)	CIS 376	
12 credits	*App Area CIS course (3)	Varies with specific course	
	General Elective (4)		
	CIS 476 (3)	CIS 375	
Winter	CIS 4962 (2)	CIS 4961	CIS 476
12 credits	*Technical Elective (3)	Varies with specific course	
	*App Area CIS course (4)	Varies with specific course	
	*Technical Elective/GEIN (3)	Varies with specific course	

*Total App Area and Technical Electives minimum 17 credits and must include one complete App area

➔ 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>