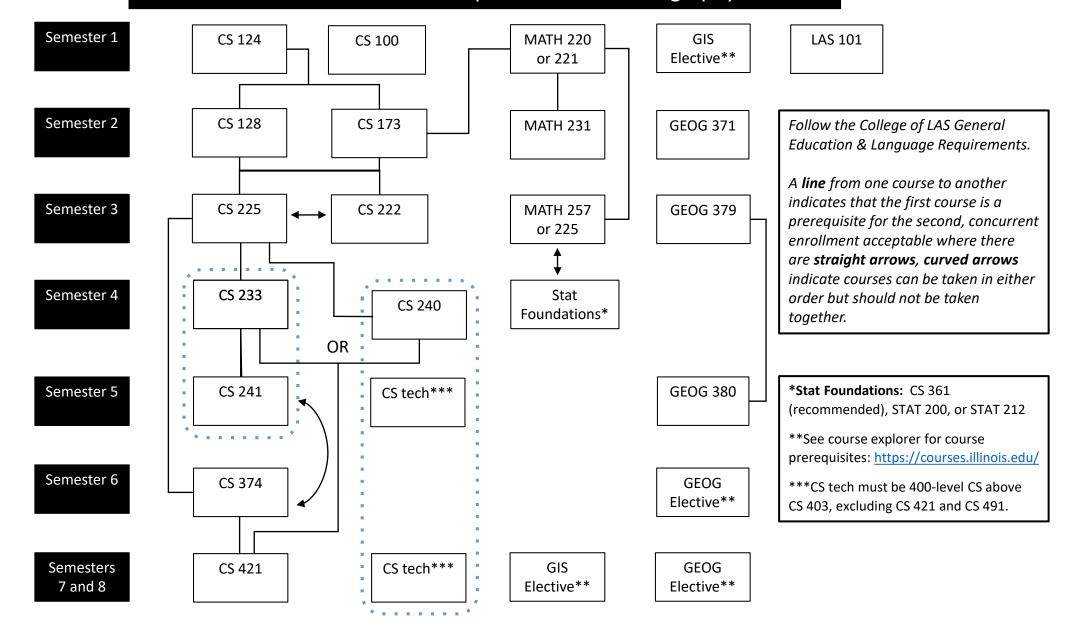
Curriculum Flow Chart for Computer Science + Geography & GIS



Curriculum Plan: Computer Science + GGIS Beginning Fall 2021

LAS 101/LAS 102 (int. students)	Computer Science Courses	Required GGIS Courses
, , ,	CS 100 1hr, Fresh Orientation (Recommended)	GEOG 371 4hrs, Spatial Analysis
General Education Requirements	CS 124 3hrs, Intro to Computer Science I	GEOG 379 4hrs, Intro to GIS Systems
Composition I	CS 128* 3hrs, Intro to Computer Science II	GEOG 380 4hrs, GIS II: Spatial Prob. Solving
Advanced Composition	CS 173** 3hrs, Discrete Structures	GIS Electives, 6hrs**
4th Level Language (LOTE)	CS 222* 1hr, Software Design Lab	GEOG 3/4hrs
3hrs Humanities and the Arts	CS 225** 4hrs, Data Structures	GEOG 3/4hrs
3hrs Humanities and the Arts		GEOG Electives (Human and/or Physical), 6hrs**
3hrs Social Behavioral Science	CS 240** 3hrs, Intro to Computer Systems	GEOG 3/4hrs
3hrs Social Behavioral Science	CS tech*** 3hrs, 400-level CS Elective	GEOG 3/4hrs
3hrs Natural Sciences & Technology	CS tech*** 3hrs, 400-level CS Elective	*Has prerequisites and/or co-requisite; See Course
3hrs Natural Sciences & Technology	OR	Explorer
Cultural Studies	CS 233** 4hrs, Computer Architecture	**Consult GGIS Advisor
Western Culture	CS 241** 4hrs, Systems Programming	
Non-Western Culture	CS 374** 4hrs, Algorithms & Models of Computation	Additional Notes To meet a course's prerequisites you will need to have
US Minority Culture	CS 421** 3hrs, Programing Languages and Compilers	earned the listed prerequisite credit or be on path to
	C3 +21 Sins, Frograming Languages and Complets	earn the prerequisite credit before the course begins. Some courses are offered fall-only or spring-only. Be
Math & Stat Courses	*Has prerequisites and/or co-requisite; See Course Explorer & if	sure to plan ahead!
MATH 220 5hrs, Calc or	you have earned credit for CS 225, see a CS advisor	
MATH 221 4hrs, Calc I		Working ahead in your CS coursework does not guarantee entrance into the next CS course.
MATH 231 3hrs, Calc II	** Has prerequisites and/or co-requisite; See Course Explorer	guarantee entranse into the next as course.
MATH 257 3hrs, Lin Alg w/Comp. Apps. or MATH 225 2hrs, Into Matrix Theory	***400 level above CS 403, excluding CS 421 and CS 491. These two courses must be distinct from all other courses used to fulfill program requirements or options.	120 hours required for graduation 60 hours required for residency
STAT Foundations: CS 361** 3hrs, STAT 200 or STAT 212		It is recommended that you work in concert with your assigned academic advisor to ensure you are on track to successfully complete your degree.