

4-Year Flight Plan Arts & Sciences

This degree progression plan serves as a visual aid to help you plan your courses so that you can graduate in four years. Depending on course availability, you may or may not be able to enroll in this exact sequence. Please consult with your academic advisor to discuss how you can adjust your Flight Plan if you need assistance in scheduling courses. Please note that you MUST complete all prerequisite courses before enrolling in the courses above.

Students who wish to complete a 5 or 6 year Flight Plan should make an appointment to meet with their academic advisor to create a plan. Five and six year milestones can be found at louisville.edu/flightplan/milestones.

**Bachelor of: Science
Major: Geography
Track: Human & Cultural Dynamics
Catalog Year: Summer 2016
Prepared by: Jody Reed**

Date Revised: May 2016

Legend for Requirement Category (Req. Cat.) for A&S

WC = Written Communication **OC** = Oral Communication
B = Both Science Lecture and Lab **H** = Humanities
CD2 = Cultural Diversity 2 **MJ** = Major
CUE = Culminating Undergraduate Experience

M = Mathematics **S** = Natural Science Lecture
A = Arts **SB** = Social & Behavioral Sciences
SP = Supporting Courses **FRE** = Free Elective

SL = NS Lab
CD1 – Cultural Diversity 1
P = Programmatic

Pre = Prerequisite (one or more courses must be completed prior to enrolling in this course). Please see the [Course Catalog](#) for specific information.

Year 1, Fall

Year 1, Spring

Course Title	Pre	Req. Cat.	Hours	Semester Offered			Course Title	Pre	Req. Cat.	Hours	Semester Offered		
				F	S	U					F	S	U
Gen 101: Arts and Sciences Orientation		P	1			FS	Gen Ed (Eng 102): Intermediate College Writing - WC ^a	Yes	WC	3			FSU
Gen Ed (Eng 101): Introduction to College Writing - WC ^a		WC	3			FSU	Gen Ed (Humanities) ^a	Varies	H	3			FSU
Gen Ed (Hist 101: History of Civilizations I - SB or 102: History of Civilizations I - SB) ^a		SB	3			FSU	Gen (Math) ^a	Varies	M	3			FSU
Foreign Language 1 ^b		P	3 or 4			FSU	Foreign Language 2 ^b	Yes	P	3 or 4			FSU
Geos 200: The Global Environment - S		MJ, S	3			FSU	Geog 200: Power of Place - SB		MJ, SB	3			FS
Total Hours Year 1, Fall:						13-14	Total Hours Year 1, Spring:						15-16

Year 1, Summer**Year 2, Fall**

Course Title	Pre	Req. Cat.	Hours	Semester Offered F S U	Course Title	Pre	Req. Cat.	Hours	Semester Offered F S U	
					Geog 256: Introduction to Quantitative Methods in Geography and Geosciences		MJ	3	F	
					Geog 300: Globalization and Diversity - CD2		MJ, CD2	3	F	
					Humanities/Natural Science Elective (300+) ^{e, f}	Varies	P	3	FSU	
					Geog 350: Introduction to Mapping and Geospatial Technologies	Yes	MJ	3	F	
					Gen Ed (Oral Communication)^a		OC	3	FSU	
Total Hours Year 1, Summer:					Total Hours Year 2, Fall:				15	

Milestones required after year 1: 30 total hours with a minimum 2.0 cumulative Grade Point Average

Year 2, Spring**Year 2, Summer**

Course Title	Pre	Req. Cat.	Hours	Semester Offered F S U	Course Title	Pre	Req. Cat.	Hours	Semester Offered F S U	
Geog 356: Introduction to Spatial Statistics	Yes	MJ	3	S						
Geog 558: Introduction to Geographic Information Systems	Yes	MJ	3	FSU						
Geog 320: Geopolitics	Yes	MJ	3	As offered						
Gen Ed (SB)^a		SB	3	FSU						
Gen Ed (Arts)^a		A	3	FSU						
Total Hours Year 2, Spring:				15	Total Hours Year 2, Summer:					

Milestones required after year 2: 60 total hours with a minimum 2.0 cumulative Grade Point Average

Year 3, Fall**Year 3, Spring**

Course Title	Pre	Req. Cat.	Hours	Semester Offered F S U	Course Title	Pre	Req. Cat.	Hours	Semester Offered F S U	
Geog 331: Population Geography		MJ	3	As offered	Geog 361: Sustainable Human Environments -WR	Yes	MJ	3	S	
Geo Specialization ^c	Varies	MJ	3	As offered	Geo Specialization ^c	Varies	MJ	3	As offered	
Social Science Elective (300+) ^d	Varies	SP	3	FSU	Geo Specialization ^c	Varies	MJ	3	As offered	
Gen Ed (Natural Science w lab)^a	Varies	B	4	FSU	Geo Elective (300+)	Varies	MJ	3	FSU	
Free Elective	Varies	FRE	1	FSU	Humanities/Natural Science Elective (300+) ^{e, f}	Varies	P	3	FSU	
Gen Ed (CD1)^a	Varies	CD1	3	FSU						
Total Hours Year 3, Fall:				17	Total Hours Year 3, Spring:				15	

Year 3, Summer**Year 4, Fall**

Course Title	Pre	Req. Cat.	Hours	Semester Offered			Course Title	Pre	Req. Cat.	Hours	Semester Offered		
				F	S	U					F	S	U
							Geog 441: Senior Thesis Proposal-WR	Yes	MJ	3		F	
							Geo Elective (300+)	Varies	MJ	3		FSU	
							Social Science Elective (300+) ^d	Varies	SP	3		FSU	
							Free Elective	Varies	FRE	3		FSU	
							Free Elective	Varies	FRE	3		FSU	
Total Hours Year 3, Summer:							Total Hours Year 4, Fall:				15		

Milestones required after year 3: 90 total hours with a minimum 2.0 cumulative Grade Point Average

Year 4, Spring**Year 4, Summer**

Course Title	Pre	Req. Cat.	Hours	Semester Offered			Course Title	Pre	Req. Cat.	Hours	Semester Offered		
				F	S	U					F	S	U
Geog 442: Senior Thesis- WR; CUE ^g	Yes	MJ, CUE	3		S								
Free Elective	Varies	FRE	3		FSU								
Free Elective	Varies	FRE	3		FSU								
Free Elective	Varies	FRE	3		FSU								
Free Elective (if needed)	Varies	FRE	4		FSU								
Total Hours Year 4, Spring:				16			Total Hours Year 4, Summer:						

Milestones required after year 4: 121 total hours with a minimum 2.0 cumulative Grade Point Average

Total Hours Required for Degree: 121

Overall GPA Required: 2.0

Major GPA Required: 2.0

Hours Required at 300 level or above: 50

Residency Requirement: 30 of last 36 hours must be taken at UofL and in the College.

Notes

^a There are specific courses to choose from to meet the General Education requirements. The list of acceptable courses is available at <http://louisville.edu/provost/GER/>. Notice that some courses may satisfy more than one general education category.

^b Foreign Language Requirement - BS Degrees: 6-8 hours. Must complete 102, 122, 141 level or equivalent.

^c Geo Specialization: (Human & Cultural Dynamics): You must take 9 hours from among the following courses: Geog 324, 331, 500, 510, 521, 524, 540

^d You may select any course from the departments within the Division of Social Sciences (other than Geography) to fulfill this requirement. The list of acceptable departments is available on the College of Arts and Sciences website at: <http://louisville.edu/artsandsciences/advising/three-divisions-in-arts-sciences.html>

^e You may select any course from the departments within the Division of Humanities to fulfill this requirement. The list of acceptable departments is available on the College of Arts and Sciences website at: <http://louisville.edu/artsandsciences/advising/three-divisions-in-arts-sciences.html>

^f You may select any course from the departments within the Division of Natural Sciences to fulfill this requirement. The list of acceptable departments is available on the College of Arts and Sciences website at: <http://louisville.edu/artsandsciences/advising/three-divisions-in-arts-sciences.html>

^g Culminating Undergraduate Experience (CUE) are required courses that support students' abilities to make discoveries and connections as they apply critical thinking and disciplinary knowledge to authentic issues prior to graduation. For more information, see <http://louisville.edu/ideastoaction/about/cue>.

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

Students who place into a JCTC Pathways mathematics course must enroll in the course during their first university semester and enroll each subsequent semester in the appropriate developmental mathematics course until successfully completing this required series of courses.