

2020-21 ACADEMIC MAP

BAS - Geospatial Analysis and Intelligence

TOTAL HRS: 120



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

FALL SEMESTER						SPRING SEMESTER					
PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	ENG 101	Composition I	3	Gen Ed		ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed		REM 316	Intro to Remote Sensing	3	Major	C	
	HIS 100/200	History	3	Gen Ed			Persp on Soc & Per Dev	3	Gen Ed		
	GIS 202	Intro to Geospatial Sci	3	Major	C	GIS 200	Cartography	3	Major	C	
		Lab Science	3-4	Gen Ed		CIS 205	Microcomputer Apps	3	Gen Ed		
	FYS 100/300 ¹	First Year Seminar	1	Univ Req				15			
			16-17								
YEAR 2-Sophomore	GIS 211	Digital Img Processing I	3	Major	C	GEO 201	Intro to Human Geography	3	Major	C	
	GIS 461	Geospatial Math & Stats	3	Major	C	ENG 203	Intro to Literature	3	Gen Ed		
	GIS 310	Advanced GIS	3	Major	C	GIS 311	Core Elective	3	Major	C	
		Lab Science	3-4	Gen Ed		GIS 489	Geospatial Project Planning	3	Major	C	
		General Elective	3	Elective			General Elective	3	Elective		
			15-16					15			
YEAR 3-Junior	GEO 303	Core Elective	3	Major	C	ENG 303	Technical Writing	3	Spec Dgr	C	
	GIS 421	Trends in Spatial Tech	2	Major	C	GIS 341	Case Studies in GEOINT	3	Major	C	
	REM 421	Advanced Remote Sensing	3	Major	C	GIS 391	Topographic Mapping	3	Major	C	
	GIS 489	Geospatial Project Planning	3	Major	C	GIS 490	GIS Internship	3	Major	C	
		Fine Arts	3	Gen Ed			General Elective	3	Elective		
	PER 100 level	Physical Education Elective	1	Spec Dgr				15			
			15								
YEAR 4-Senior	GIS 470	Programming GIS	3	Major	C	CIS 235	Microcomputer Apps II	3	Major	C	
	GIS 490	GIS Internship	3	Major	C	GIS 411	Techniques in Intel Analysis	3	Major	C	
		Core Elective	3	Major	C	GIS 480	Internet GIS & Spat Data	3	Major	C	
		General Elective	3	Elective		GIS 491	Thesis	3	Major	C	
		General Elective	3	Elective			General Elective	2-3	Major	C	
			15					14-15			

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).
- MAT 104 College Algebra requires a math ACT sub-score of 20 or higher. 19 or below will place a student in co-requisite remediation.
- MAT 105 Trigonometry: Pre-requisite MAT 104 College Algebra **OR** ACT Math sub-score of 23.
- MAT 251 Calculus I: Pre-requisite MAT 104 College Algebra and MAT 105 Trigonometry **OR** ACT Math sub-score of 24 or higher.