

# ACADEMIC MAP

## 2017-18 BAS IN GEOSPATIAL ANALYSIS AND INTELLIGENCE

TOTAL 120 HRS

\*minimum grade required †offered every other year

### Freshman (Fall Semester) 15-16 hrs total

ENG 101	English Composition	3 credit hrs	Gen. Ed.	
MAT 104	College Algebra	3 credit hrs	Gen. Ed.	
HIS 201	U.S. History to 1877	3 credit hrs	Gen. Ed.	
GIS 202	Intro to Geospatial Sci.	3 credit hrs	Major	C*
	LAB Science	3-4 credit hrs	Gen. Ed.	

### Freshman (Spring Semester) 15 hrs total

CIS 205	Miccomputer Applications	3 credit hrs	Gen. Ed.	
REM 316	Intro. Remote Sensing	3 credit hrs	Major	C*
COM 101	Pub. Speaking/Interpersonal	3 credit hrs	Gen. Ed.	
ENG 102	English Composition	3 credit hrs	Gen. Ed.	
GIS 200	Core Elective	3 credit hrs	Major	C*

### Sophomore (Fall Semester) 15-16 hrs total

GIS 310	Advanced GIS	3 credit hrs	Major	C*
GIS 461	Geosp. Math, Alg & Stat	3 credit hrs	Major	C*
†GIS 231	Core Elective	3 credit hrs	Major	C*
	Perspectives on Society	3 credit hrs	Gen. Ed.	
	LAB Science	3-4 credit hrs	Gen. Ed.	

### Sophomore (Spring Semester) 15 hrs total

GEO 201	Intro to Human Geo.	3 credit hrs	Major	C*
ENG 203	Intro to Literature	3 credit hrs	Gen. Ed.	
†GIS 211	Digital Image Processing	3 credit hrs	Major	C*
GIS 490	GIS Internship	3 credit hrs	Gen. Ed.	
	Perspectives on Society	3 credit hrs	Gen. Ed.	

### Junior (Fall Semester) 15 hrs total

GEO 303	World Regional Geo.	3 credit hrs	Major	C*
†GIS 341	Case Studies in GEOINT	3 credit hrs	Major	C*
†GIS 391	Topographic Mapping	3 credit hrs	Major	C*
GIS 490	GIS Internship	3 credit hrs	Major	C*
	Fine Arts	3 credit hrs	Gen. Ed.	

### Junior (Spring Semester) 16 hrs total

ENG 300	Exposition	1 credit hrs	Gen. Ed.	
ENG 303	Technical Writing	3 credit hrs	Spec. Deg.	C*
†GIS 411	Struc. Ana. Tech for Intel. Anal.	3 credit hrs	Major	C*
GIS 490	GIS Internship	3 credit hrs	Major	C*
†GIS 311/431	Core Elective	3 credit hrs	Major	C*
	Elective	2-3 credit hrs		

### Senior (Fall Semester) 15 hrs total

HIS 202	U.S. Hist. 1877-Present	3 credit hrs	Gen. Ed.	
†REM 421	Infor. Extraction Using Microwave Data	3 credit hrs	Major	C*
†GIS 470	Programming GIS	3 credit hrs	Major	C*
GIS 490	GIS Internship Elective	3 credit hrs 2-3 credit hrs	Major	C*

### Senior (Spring Semester) 15 hrs total

PER 101	Concepts in Phys. Ed.	1 credit hrs	Spec. Deg.	C*
CIS 235	Micro Applications II	3 credit hrs	Major	C*
†GIS 421	Trends in Spatial Tech.	2 credit hrs	Major	C*
†GIS 480	Internet GIS & Spac DB	3 credit hrs	Major	C*
GIS 490	GIS Internship Elective	3 credit hrs 2-3 credit hrs	Major	C*

# ACADEMIC MAP

## 2017-18 BAS IN GEOSPATIAL ANALYSIS AND INTELLIGENCE

TOTAL 120 HRS

### Additional Notes

- ▶ The only General Education requirement is CIS 205 for Personal Development.
- ▶ The degree requires a minimum of 15 Credit Hours of GIS 490 to be eligible for graduation.