

# 2026-27 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   |        | GEO 201           | Intro to Human Geography      | 3      | Major    | C   |        |
|                          |                    | Persp on Soc & Per Dev     | 3        | Gen Ed   |        | HIS 100/200 level | History                       | 3      | Gen Ed   |     |        |
|                          | GIS 202            | Introduction to Geosp Sci  | 3        | Major    | C      | GIS 310           | Geospatial Analysis           | 3      | Major    | C   |        |
|                          | REM 202            | Intro to Imaging Science   | 3        | Major    | C      | MAT 210           | Comp Programming Fund         | 3      | Major    | C   |        |
| FYS 100/300 <sup>1</sup> | First Year Seminar | 1                          | Univ Req |          | 15     |                   |                               |        |          |     |        |
| 16                       |                    |                            |          |          |        |                   |                               |        |          |     |        |
| YEAR 2-Sophomore         | GIS 302            | Intro Cart & Visualization | 3        | Major    | C      | REM 316           | Imaging Science: Passive      | 3      | Major    | C   |        |
|                          | GIS 461            | Geospatial Math & Stats    | 3        | Major    | C      |                   | Core Elective                 | 3      | Major    | C   |        |
|                          |                    | Fine Art or Philosophy     | 3        | Gen Ed   |        |                   | Lab Science                   | 3-4    | Gen Ed   |     |        |
|                          |                    | Core Elective              | 3        | Major    | C      |                   | Persp on Soc & Pers Dev       | 3      | Gen Ed   |     |        |
|                          |                    | Lab Science                | 3-4      | Gen Ed   |        | ENG 303           | Technical Writing             | 3      | Spec Dgr | C   |        |
| 15-16                    |                    |                            |          |          |        | 15-16             |                               |        |          |     |        |
| YEAR 3-Junior            | GIS 220            | Intro & History GEOINT     | 3        | Major    | C      | GIS 341           | Case Studies in GEOINT        | 3      | Major    | C   |        |
|                          | REM 421            | Imaging Science: Active    | 3        | Major    | C      | GIS 391           | Topographic Mapping           | 3      | Major    | C   |        |
|                          | GIS 421            | Trends in Spatial Tech     | 3        | Major    | C      | GIS 490           | Geospatial Capstone           | 3      | Major    | C   |        |
|                          |                    | Core Elective              | 3        | Major    | C      | ENG 203           | Intro to Literature           | 3      | Gen Ed   |     |        |
|                          |                    | General Elective           | 3        | Elective |        |                   | General Elective              | 3      | Elective |     |        |
| 15                       |                    |                            |          |          |        | 15                |                               |        |          |     |        |
| YEAR 4-Senior            | GIS 470            | Programming GIS            | 3        | Major    | C      | GIS 411           | Techniques in Intell Analysis | 3      | Major    | C   |        |
|                          | GIS 490            | Geospatial Capstone        | 3        | Major    | C      | GIS 480           | Internet GIT and Spat Databas | 3      | Major    | C   |        |
|                          |                    | General Elective           | 3        | Elective |        |                   | General Elective              | 3      | Elective |     |        |
|                          |                    | General Elective           | 3        | Elective |        |                   | General Elective              | 3      | Elective |     |        |
|                          |                    | General Elective           | 3        | Elective |        |                   | General Elective              | 0-2    | Elective |     |        |
| 15                       |                    |                            |          |          |        | 12-14             |                               |        |          |     |        |

- <sup>1</sup>All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).