CAREER PATHWAY TO GIS ANALYST

CORE

- CNST 120- INTRO TO CONSTRUCTION
- CE 204- ENGINEERING GRAPHICS
- SURV 264- FUNDAMENTALS OF SURVEYING
- SURV 310- LEGAL ASPECTS OF SURVEYING
- CNST 211- CIVIL CNST MATERIALS & METHODS
- GEOG 202- NATURAL RESOURCES MGMNT & SUSTAINABILITY
- CNST 341- PLANS & SPECIFICATIONS
- GEOG 320- CARTOGRAPHY
- SURV 470- INTERNSHIP
- GEOG 321- QUANTITATIVE TECHNIQUES
- GEOG 322- AIR PHOTO INTERPRETATION
- SURV 482- ADV SURVEY SYSTEMS & SR ASSIGNMENT
- GEOG 418- GEOGRAPHIC INFORMATION SYSTEMS (GIS)
- GEOG 422- REMOTE SENSING
- SURV 484- SURVEY APPS & COMPS & SR ASSIGNMENT
- CNST 411- CONSTRUCTION CONTRACTS
- CNST 415- LAND DEVELOPMENT

TECHNICAL ELECTIVES

- SURV 481- COMPUTER MAPPING & APPLICATIONS
- SURV 485- GEOSPATIAL TECHNOLOGIES
- SURV 486- DRONE MAPPING & APPLICATIONS
CAREER PATHWAY TO
GIS ANALYST

MAIN DUTIES

- Input geographical data into databases and reviewed for accuracy
- Gather, display, and manipulate imagery, GPS, satellite photography, and historical data

FUN FACTS

- The first aerial images were captured using hot air balloons, kites, and even pigeons.
- In 1909, the first aerial photographs from an airplane were taken by Wilbur Wright.

AVERAGE ANNUAL WAGE

- National - $71,055
- Illinois - $62,409
- Missouri - $63,041