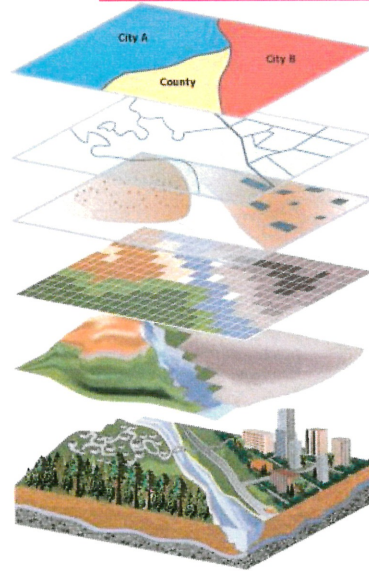


CAREER PATHWAY TO GIS ANALYST



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



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.

MAIN DUTIES

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

AVERAGE ANNUAL WAGE

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

