

# CAREER PATHWAY TO GEOSPATIAL 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**





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## DID YOU KNOW...

- The increasing number of use cases for geospatial data is steadily growing the geospatial data analytics market.
- Some market analysts estimate the geospatial data industry will nearly double in size between 2021-2026.

## MAIN DUTIES

- Gathering, analyzing, and storing geospatial data according to the clients' requirements
- Extracting relevant information from the gathered geospatial data and applying analytical methods to solve problems related to intelligence

## AVERAGE ANNUAL WAGE

- National - \$62,823
- Illinois - \$63,920
- Missouri - \$57,946

