

# CAREER PATHWAY TO PARK/FORESTRY RANGER



## 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
- SURV 487- ROUTE GEOMATICS & DESIGN
- SURV 495- HYDROGRAPHIC SURVEYING & APPLICATIONS



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## FUN FACTS

- Rangers do a lot more than nature walks and campfire sing alongs. They actually make arrests, fight fires, search for missing hikers, conduct public health inspections, manage wildlife, and watch for suspicious characters and fugitives.

## MAIN DUTIES

- Forestry Manager and enforce park regulations
- Patrol park grounds, by vehicle, boat, foot patrol, etc.
- Utilize GPS to map forest locations
- Mapping of terrain

## AVERAGE ANNUAL WAGE

- National - \$64,110
- Illinois - \$63,750
- Missouri - \$58,190

