

GEOGRAPHIC INFORMATION SYSTEMS

Learning Outcomes

1. **KNOW:** Graduates will demonstrate the technical and analytical competencies required to effectively design, manage, and apply geographic information technologies to create solutions to challenges in a wide range of professional domains.
2. **APPLY/CREATE:** Graduates will apply geographic information technologies using appropriate data, accepted analytical methods, and evaluation criteria to develop solutions for a variety of complex scenarios.
3. **COMMUNICATE:** Graduates will communicate technical knowledge, including ideas, designs, data analysis, findings, or decision justification in appropriate written and oral presentation formats.
4. **THINK:** Graduates will demonstrate proficiency of geospatial information technology to define problems, create and implementation analytical solutions to address challenges within a variety of domains.
5. **PROFESSIONAL PRACTICE:** Graduates will demonstrate professional standards and ethical practices, engage in professional and community-based service, and develop the skills required to lead geospatial technology organizations.