

EARTH & ENVIRONMENT

Your Pathway

GEOGRAPHIC INFORMATION SYSTEMS

Certificate

This certificate will provide you with the knowledge and skills needed to apply principles, methods, and tools of geographic information systems (GIS). You will learn the foundational principles of maps, geographically referenced data, imagery, and global positioning systems. Worksite learning will also help you gain hands-on experience, develop strong computer and critical thinking skills, and make contacts among the community of GIS professionals.

Suggested Sequence of Classes

FALL SEMESTER 9 units

GEOG 9 Map and Geospatial Principles 3 units

GEOG 10 Introduction to Geographic Information Systems 3 units

GEOG 12 GIS Data Design and Capture 3 units

SPRING SEMESTER 10 units

GEOG 13 GIS Spatial Analysis 3 units

GEOG 14 GIS Cartography and Visualization 3 units

GEOG 15 Introduction to Remote Sensing 3 units

GEOG 94 GIS Worksite Learning 1 unit

POTENTIAL CAREERS

Aerial Lineman

Facilities Planner

GIS Specialist

SALARY POTENTIAL

\$69,905 per year

(source: indeed.com)



Please meet with a counselor to customize your own educational plan, explore course options, and consider department and counseling faculty recommendations.



Shasta College

www.shastacollege.edu

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Counseling
(530) 242-7724