



**Pathway: Information Support and Services**

*Plan of Study: [Geographic Information Systems](#)*

**Program: [Geographic Information Systems](#)**

**Career Goal (O\*Net Code):**

CIP [45.0702](#) to SOC Crosswalk;

[O\\*Net Search for Careers Related to Geographic Information Systems](#)

*(Click below to access education, skills, and employment outlook information)*

15-1199.05 [Geographic Information Systems Technicians](#) 🌟🌿

15-1199.04 [Geospatial Information Scientists and Technologists](#) 🌟🌿

17-1021.00 [Cartographers and Photogrammetrists](#)

🌟 - **Bright Outlook**   🌿 - **Green**

**Relevant Occupational Experience**

(Your Life Experiences may be worth College Credit!):


**[CCCS Credit for Prior Learning Guide](#)**

**[FRCC Credit for Prior Learning](#)**

- [FRCC Standards for Awarding](#)
- [Policies and Procedures](#)
- [Transferability](#)

**[LMI Gateway Link to Related Occupations](#)**

**Possible Pathways to your Career!**

	<b>Programs Available</b> 	<b>Program Length</b> <i>(*Based on meeting Program Entrance Requirements)</i>	<b>Estimated Tuition</b> <i>(*Based on Resident Tuition after COF)</i>	<b>Possible Career Options</b>	<b>Salary Range</b>
<b>Certificate Option(s)</b>	<a href="#">Geographic Information Systems</a> <a href="#">Geographic Information Systems Fundamentals</a> <a href="#">Natural Resources GIS (Natural Resources Pathway)</a>	21 Credits 12 Credits 9 Credits	<u>\$2,622.90</u> <u>\$1,498.80</u> <u>\$1,124.10</u>	<a href="#">Geographic Information Systems Analyst (GIS Analyst, Geographic Information Systems Specialist (GIS Specialist), Geographic Information Systems Technician (GIS Technician), Cartographer, Geographic Information Systems Coordinator, Technical Support Specialist</a>	\$ - \$\$\$
<b>AAS Degree</b>	<a href="#">Natural Resources</a> <a href="#">AS Degree with Designation in Geography</a>	60 Credits 60 Credits	<u>\$7,494.00</u> <u>\$7,494.00</u>		\$\$ - \$\$\$\$

**Articulation Opportunities to Advanced Degrees:**

<b>Advanced Degree(s)</b>	<a href="#">Statewide Articulation Agreement : Geography</a>	<a href="#">Visit Website</a>	For more information about colleges that have these programs go to <a href="http://www.CollegeinColorado.org">www.CollegeinColorado.org</a>	\$\$-\$\$\$\$
	<a href="#">Associate's to Bachelor's® Program at Regis University College for Professional Studies (CPS)</a>	<a href="#">Regis Tuition Information</a>		
	<a href="#">College Tuition Comparison Guide</a>			

\* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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### Extended Learning Experiences

#### Student Services & Support Structures:

- [Academic Advising](#)
- [Academic Support Labs](#)
- [Admissions and Records](#)
- [Bookstores](#)
- [Career Counseling](#)
- [Crisis Counseling & Stress Management Services](#)
- [Disability Services](#)
- [English as a Second Language](#)
- [General Education Development \(GED\)](#)
- [Tutoring](#)
- [Libraries](#)
- [Student Email](#)
- [Student Employment Services](#)
- [Student Life](#)
- [Testing Center Services](#)
- [Veteran Services](#)

#### Financial Aid:

- [FAFSA](#)
- [Grants](#)
- [Work Study](#)
- [Loans](#)
- [Scholarships](#)

#### Professional Affiliations

- [Urban and Regional Information Systems Association \(URISA\)](#)
- [Environmental Systems Research Institute \(esri\)](#)
- [GIS Certification Institute \(GISCI\)](#)
- [ASM Affiliates – Cultural Resource Management](#)
- [Emerging GIS Leaders](#)

#### Practical Learning Experiences:

- [Internships](#)
- [Career Preparation](#)
- [Service Learning/Volunteering](#)
- [Student Experiences](#)

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**Physical & Sensory Requirements, Geographic Information Systems**

**Key:** N = Never O = Occasional: 1 – 33% of time F = Frequent: 34 – 75% of time C = Constant: 76 – 100% of time

PHYSICAL CAPABILITIES					SENSORY CAPABILITIES														
Activity	Frequency				Activity	Frequency				Activity	Frequency								
	N	O	F	C		N	O	F	C		N	O	F	C					
<b>Lift/Carry</b>					<b>Push/Pull</b>					<b>Walk</b>					<b>Able to see clearly at both near and far distances</b>				
10 lbs or less					15 lbs or less					Sit					Able to identify and distinguish colors				
11-20 lbs					16-30 lbs					Stand					Able to judge distances and spatial relationships				
21-50 lbs					31-50 lbs					Fine motor manipulations					Able to communicate verbally and in writing				
51-100 lbs					51-100 lbs					Gripping					Able to distinguish between sounds such as telephone vs. fire alarms, tone of voice, varied decibels				
100+ lbs										Squat/Kneel					Able to perceive attributes of objects such as size, shape, temperature, texture through touch				
										Bend									
<b>Drive</b>					<b>Computer</b>					Twist/Turn									
<b>Manual</b>					<b>Data Entry</b>					Crawl									
<b>Automatic</b>					<b>Use of mouse</b>					Climb									
										Reach above chest									
										Reach outward									

For more information on the Physical & Sensory Requirements for this Pathway, please contact:

**Disability Support Services**

- [Boulder Campus](#): (303) 678 - 3922
- [Larimer Campus](#): (970) 204 - 8112
- [Westminster Campus & Brighton Center](#): (303) 404 - 5676

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