

# Program Change Request

Date Submitted: 02/01/26 10:12 pm

Viewing: **GIS : Geographic Information Systems**  
**Minor**

Last approved: 01/21/26 1:54 pm

Last edit: 02/01/26 10:12 pm

Changes proposed by: nburtch

Catalog Pages  
Using this Program  
[Geographic Information Systems Minor](#)

- In Workflow
1. GGS Chair
  2. SC Curriculum Committee
  3. SC Assistant Dean
  4. Assoc Provost- Undergraduate
  5. Registrar-Programs

- Approval Path
1. 02/05/26 10:50 am  
Nathan Burtch  
(nburtch): Approved for GGS Chair

Are you completing this form on someone else's behalf?

No

Effective Catalog: 2026-2027

Program Level: Undergraduate

Program Type: Minor

Title:  
Geographic Information Systems Minor

- History
1. Nov 9, 2017 by clmig-jwehrheim
  2. Jan 11, 2018 by rzachari
  3. Mar 1, 2018 by Jennifer Bazaz Gettys (jbazaz)
  4. Jan 30, 2020 by Nathan Burtch (nburtch)
  5. May 6, 2022 by Timothy Leslie (tleslie)
  6. May 7, 2024 by Tory Sarro (vsarro)
  7. Jan 21, 2026 by Nathan Burtch (nburtch)

**Banner Title:** Geographic Info Systems Minor

**Registrar's Office  
Use Only –  
Program Start Term**

**Registrar/OAPI Use  
Only – SACSCOC  
Status**

**Registrar/IRR Use**

**College/School:** College of Science

**Department /  
Academic Unit:** Geography & Geoinformation Science

**Jointly Owned  
Program?** No

**Is there an  
embedded degree  
as part of a  
program?**

**Justification**

What: Adding GGS 421

Why: New remote sensing course, applicable technique elective for a GIS minor

## Catalog Published Information

**Total Credits  
Required:** Total credits: 18

**Registrar's Office Use Only - Program Code:**  
GIS

**Registrar/IRR Use  
Only – Program CIP  
Code**

**Admission  
Requirements:**

**Program-Specific  
Policies:**

## Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see [AP.5.3.4 Minors](#).

**Degree****Requirements:**

Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

All coursework must be completed with a minimum GPA of 2.00.

## Required Courses

<a href="#">GGS 110</a>	Introduction to Geoinformation Technologies <sup>1</sup>	3
<a href="#">GGS 300</a>	Quantitative Methods for Geographical Analysis	3
<a href="#">GGS 311</a>	Geographic Information Systems	3
<a href="#">GGS 366</a>	Spatial Computing	3
<a href="#">GGS 463</a>	RS: GIS Analysis and Application	3
Total Credits		15

<sup>1</sup>

Credit for the transfer course GGS 201T can be substituted for the GGS 110 requirement

## Electives

Select 3 credits from the following:		3
<a href="#">GGS 308</a>	Field Mapping Techniques	
<a href="#">GGS 310</a>	Cartographic Design	
<a href="#">GGS 354</a>	Data Analysis and Global Change Detection Techniques	
<a href="#">GGS 379</a>	Remote Sensing	
<a href="#">GGS 411</a>	Geovisualization	
<a href="#">GGS 416</a>	Satellite Image Analysis	
<a href="#">GGS 421</a>	<a href="#">Remote Sensing of Natural Hazards</a>	
<a href="#">GGS 422</a>	Drone Remote Sensing	
<a href="#">GGS 426</a>	Physical Fundamentals of Remote Sensing	
<a href="#">GGS 429</a>	Remote Sensing of the Environment and Earth System	
<a href="#">GGS 462</a>	Web-based Geographic Information Systems	
<a href="#">GGS 470</a>	Special Topics in Geographic Techniques	
Total Credits		3

**Retroactive****Requirements****Updates:**



OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program?

No

Sustainability focused on

List sustainability-

List sustainability-

Does this program cover material which crosses into another department?

No

Additional Attachments

Executive Summary

Reviewer Comments

Additional Comments

Is this course required of all students in this degree program?

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