

Course Change Request

Date Submitted: 02/04/25 6:33 pm

Viewing: **GG5 531 : Land-Use Modeling Techniques and Applications**

Last approved: 05/18/21 5:01 am

Last edit: 02/04/25 6:33 pm

Changes proposed by: nburtch

Catalog Pages referencing this course

- [Department of Environmental Science and Policy](#)
- [Department of Geography and Geoinformation Science](#)

Select modification type:

- [Simple](#)
- [Substantial](#)

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

No

Effective Term: Fall 2025

Subject Code: GGS - Geography & Geoinformation Science

Course Number: 531

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses: EVPP 531 - Land-use Modeling Techniques and Applications

Catalog Title:

In Workflow

1. **GG5 Chair**
2. **SC Curriculum Committee**
3. SC Assistant Dean
4. Assoc Provost-Graduate
5. Registrar-Courses
6. Banner

Approval Path

1. 02/19/25 1:04 pm
Nathan Burtch
(nburtch): Approved for GG5 Chair

History

1. May 18, 2021 by
Tory Sarro (vsarro)

Land-Use Modeling Techniques and Applications

Banner Title: Land-use Modeling Techniq/Apps

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May only be taken once for credit (NR)
GRADUATE ONLY

Default Grade Mode: Graduate Regular

Recommended Prerequisite(s):

~~GG5 550, or permission of instructor.~~

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

| And/Or | (| Course/Test Code | Min Grade/Score | Academic Level |) | Concurrency? |
|--------|---|------------------|-----------------|----------------|---|--------------|
| | | | | | | |

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Include

Limited to students with a class of Senior Plus (SCRRCLS_ONLY_SP)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Limited to students with a class of Junior Plus (SCRRCLS_ONLY_JP)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRVLV_ONLY_ND)

Limited to undergraduate level students. (SCRRVLV_ONLY_UG)

Limited to graduate level students only. (SCRRVLV_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog

Description:

Survey of literature on spatially explicit empirical models of land-use change. Hands-on experience developing and running simple models. Techniques covered include statistical models, mathematical programming models, cellular automata, agent-based models, and integrated models.

Justification:

What: Removing prerequisites

Why: GGS 550 is slated for deletion.

Does this course cover material which crosses into another department? No

Learning Outcomes:

Will this course be scheduled as a cross-level cross listed section?

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

**Reviewer
Comments**

Key: 7440