



## Course Change Request

### New Course Proposal

Date Submitted: 11/29/17 2:28 pm

Viewing: **GG5 485 : Capstone Course in Geoinformation Science**

Last edit: 11/29/17 2:28 pm

Changes proposed by: dpfoser

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

No

**Effective Term:**

Fall 2018

**Subject Code:**

GG5 - Geography & Geoinformation Science

**Course Number:**

485

**Bundled Courses:**

**Equivalent Courses:**

**Catalog Title:**

Capstone Course in Geoinformation Science

**Banner Title:**

Capstone GIScience

**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)

**Default Grade Mode:**

Undergraduate Regular

**Recommended Prerequisite(s):**

GG5300 or GG5311 or permission of instructor.

#### In Workflow

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

#### Approval Path

1. 11/28/17 9:54 pm  
Sven Fuhrmann (sfuhrman):  
Approved for GG5 Chair
2. 11/29/17 1:19 pm  
Jennifer Bazaz Gettys (jbazaz):  
Rollback to Initiator
3. 11/29/17 2:48 pm  
Sven Fuhrmann (sfuhrman):  
Approved for GG5 Chair

**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):**

**Level(s):**

**Degree(s):**

**School(s):**

**Catalog Description:**

This course is intended to provide a capstone experience for undergraduate students by synthesizing knowledge and experience that they acquired in earlier coursework to address a complex geospatial problems. The course requires analytical, collaborative, and communication skills.

**Justification:**

The GGS undergraduate programs currently do not have a capstone component, which is becoming increasingly more important to prepare our students for their careers.

**Does this course cover material which crosses into another department?**

No

**Learning Outcomes:**

Apply one or more theories or concepts from courses within their major to an analysis of a particular issue relevant to the major.

Identify an idea, method, or concept from a discipline outside their major field of study and be able to apply it within the context of their major field of study.

Examine how their previous coursework has contributed to their intellectual development and/or their post-graduation plans.

Improve their writing and communication skills.

Enhance students’ ability to work and manage a project collaboratively.

**Attach Syllabus**

[GGGS485\\_syllabus.pdf](#)

**Additional Attachments**

**Staffing:**

Several GGS faculty members could teach the course, e.g. Dieter Pfoser, Andreas Zuefle, Arie Croitoru.

**Relationship to Existing Programs:**

This capstone course will enhance the core skill set in the BS and BA undergraduate degrees programs.

**Relationship to Existing Courses:**

Undergraduate version of GGS 685 Capstone Course in Geoinformatics

**Additional Comments:**

**Reviewer Comments**

**Jennifer Bazaz Gettys (jbazaz) (11/29/17 1:19 pm):** Rollback: Hi Dr. Pfoser: On the syllabus you have the prereqs as: “Graduate Students: GGS 300 or 301 or 311.” 1. Perhaps you mean “undergraduate”? 2. The CIM form only lists GGS 300 or 311- please correct the syllabus and/or CIM form so they match to avoid confusion. Thanks!

Key: 15745