

# Course Change Request

Date Submitted: 02/13/24 10:22 pm

Viewing: **GGG 754 : Earth Science Data and Advanced Data Analysis**

Last edit: 02/15/24 4:14 pm

Changes proposed by: nburtch

### In Workflow

- 1. SC Academic Affairs
- 2. Registrar-Courses
- 3. Banner

referencing this course [CSI 754 : Earth Science Data and Advanced Data Analysis](#)  
 As A Recommended Prerequisite:  
[GGG 773 : Interoperability of Geographic Information Systems](#)

Select modification type:  
[Substantial](#)

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

[No](#)

Effective Term: Fall 2024

Subject Code: GGS - Geography & Geoinformation Science Course Number: 754

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses: ~~CSI 754 - Earth Science Data and Advanced Data Analysis~~

Catalog Title: Earth Science Data and Advanced Data Analysis

Banner Title: Earth Sci Data/Adv Data Analy

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):**  
 GGS 579 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):**

**Level(s):**

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL\_ONLY\_ND)

Limited to graduate level students only. (SCRRLVL\_ONLY\_GR)

**Degree(s):**

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRREDEG\_NO\_NDU)

**School(s):**

**Catalog Description:**

Covers accessing and applying Earth observations and remote-sensing data for Earth system science research and applications. Major topics are data formats, **analysis and visualization tools**, advanced data

analysis methods, and data applications. ~~Also covers combining innovative information technology techniques and Earth science data to set up online data centers for accessing data through the web.~~

**Justification:**

What: Updating Catalog description

Why: Removing aspects of the description that are no longer emphasized in the course. Primarily this means removing reference to "online data centers" which is not a major component of the course as taught now. We do not feel that this change is significant enough to warrant a new course number, as the main thrust of the course still revolves around advanced data analysis of Earth observations.

What: Removing the CSI 754 equivalency.

Why: The courses are no longer deemed equivalent.

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

**Impacted Departments:**

Department
<u>CDS - Computational &amp; Data Sciences</u>

**Learning Outcomes:**

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

**Attach Syllabus**

**Additional Attachments**

**Specialized Course Categories:**

**Additional Comments:**

There is a CSI 754 equivalence. We suggest updating both descriptions to be the same.

**Reviewer Comments**