

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 Analys

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 Yes ~~No~~ crosses into another department?

Impacted
Departments:

Department
<u>CDS - Computational & 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