Course Change Request

A deleted record may not be edited and the course number may not be re-used until 5 years have passed since the course's inactivation.

Course Deactivation Proposal

Date Submitted: 08/30/20 11:39 pm

Viewing: GGS 410: Introduction to Hyperspectral

Imaging

Last approved: 12/20/18 4:27 am

Last edit: 08/30/20 11:39 pm

Changes proposed by: nburtch

Catalog Pages referencing this course

Department of Geography and Geoinformation Science

Geography and Geoinformation Science (GGS)

Justification for deactivation

This course has not been offered in the last decade.

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

No

In Workflow

- 1. Registrar-Courses:Inactivate
- 2. GGS Chair
- 3. SC Curriculum
 Committee
- 4. SC Associate Dean
- Assoc Provost-Undergraduate
- 6. Registrar-Courses
- 7. Banner

Approval Path

- 1. 08/31/20 8:22 am
 Tory Sarro (vsarro):
 Approved for
 RegistrarCourses:Inactivate
- 2. 09/02/21 1:20 pm Nathan Burtch (nburtch): Approved for GGS Chair

History

1. Dec 20, 2018 by Nathan Burtch (nburtch) 9/14/21, 9:47 AM

Effective Term: Spring 2021

Subject Code: GGS - Geography & Geoinformation Science Course Number: 410

Bundled Courses:

Is this course replacing another course? No

Please specify Old Course Number:

Equivalent Courses:

Catalog Title: Introduction to Hyperspectral Imaging

Banner Title: Intro to Hyperspectral Imaging

No

Will section titles

vary by semester?

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per

week:

Repeatable: May be only taken once for credit, limited to 3 Max Allowable

3

attempts (N3) Credits:

9

Default Grade

Undergraduate Regular

Mode:

Recommended

Prerequisite(s):

PHYS 243-244, 245-246, MATH 113 and 114, GGS 353, GGS 416 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:					
Fie	eld(s) of Study:				
Cla	ass(es):				
Lev	vel(s):				
De	egree(s):				
Sch	hool(s):				
spectral and scientific pri materials to applications Topics include and U.S. nat spectral ang and case stu	In to quantitative measurements by remote-sensing methods covering quantitative spectroscopy, of thermal signatures, atmospheric physics, and the electromagnetic spectrum. Emphasis on the inciples involved and the transition of the technology to real-world applications. The requisite begin to understand hyperspectral imaging (HSI) technology and its many civil and military are presented. Covers necessary mathematics used in the analysis of n-dimensional data. de hyperspectral concepts, data collection systems, data processing techniques, case studies, tional policy issues. Data processing techniques include N-dimensional space, scatterplots, gle mapping, spectral mixture analysis, spectral matching, and other techniques. Applications udies include environmental, medical, agricultural, and military. Includes ground, airborne, and hyperspectral systems.				
	urse cover material which No nother department?				
Learning Outo	comes:				
Attach Syllabı	us				
Additional Attachments					
Additional Comments: N3 update					
Reviewer Comments					

Key: 7417