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: 12/31/22 12:37 pm

Viewing: CSI 877 : Geometric Methods in Statistics

Last edit: 12/31/22 12:37 pm

Changes proposed by: blaisten

Catalog Pages referencing this course

[Computational Science and Informatics (CSI)](#)

[Department of Computational and Data Sciences](#)

Justification for deactivation

Course has not been taught in many years. It is already in the "zombie courses" list.

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

Effective Term:	Summer 2023
Subject Code:	CSI - Computational Science & Informatics
Bundled Courses:	
Is this course replacing another course?	No
Equivalent Courses:	
Catalog Title:	Geometric Methods in Statistics
Banner Title:	Geometric Meth in Stats
Will section titles vary by semester?	No

Course Number: 877

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):

STAT 690 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

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

School(s):

Catalog Description:

Develops foundations of geometric methods for statistics. Topics include n-dimension Euclidian geometry; projective geometry; differential geometry, including curves, surfaces, and n-dimensional differentiable manifolds; and computational geometry, including computation of convex hulls, tessellations of two-, three-, and n-dimensional spaces, and finite element grid generation. Examples include applications to scientific visualization.

Justification:

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

Learning Outcomes:

Attach Syllabus

Additional Attachments

Additional Comments:

Reviewer Comments