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 12:50 pm

Viewing: **CSI 978 : Statistical Analysis of Signals**

Last edit: 12/31/22 12:50 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:	Statistical Analysis of Signals
Banner Title:	Stat Analysis of Signals
Will section titles vary by semester?	No

Course Number: 978

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 544 and 658, or equivalent.

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:

Advanced course in analysis of discrete- and continuous-time signals using methods of stochastic differential equation and time series. Presumes familiarity with methods of harmonic analysis and times series modeling. Topics include state-space modeling and eigenvalue processing, nonlinear modeling of signals, non-Gaussian stochastic process structure, detection and estimation of vector-valued signals, robust signal detection, and array processing and target tracking.

Justification:

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

Learning Outcomes:

Attach Syllabus

Additional Attachments

Additional Comments:

Reviewer Comments