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 12:13 pm

Viewing: CSI 972 : Mathematical Statistics I

Last approved: 11/19/20 4:56 am

Last edit: 12/31/22 12:13 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.

In Workflow

1. **CDS Chair**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost-Graduate
5. Registrar-Courses
6. Banner

Approval Path

1. 12/31/22 3:30 pm Jason Kinser (jkinser): Approved for CDS Chair

History

1. Nov 19, 2020 by jriemen

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

~~No~~

Effective Term: Summer 2023

Subject Code: CSI - Computational Science & Informatics **Course Number:** 972

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses: STAT 972 - Mathematical Statistics I

Catalog Title: Mathematical Statistics I

Banner Title: Mathematical Statistics I

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):

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?
	(	CSI 672	B-	GR		
Or		CSI 672	XS	GR		
Or		STAT 652	B-	GR		
Or		STAT 652	XS	GR	)	
And	(	CSI 876	B-	GR		
Or		CSI 876	XS	GR		
Or		IT 876	B-	GR		
Or		STAT 876	B-	GR		
Or		STAT 876	XS	GR		

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
Or		IT 971	B-	GR		
Or		STAT 971	B-	GR		
Or		STAT 971	XS	GR	)	

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:

Focuses on theory of estimation, exploring method of moments, least squares, maximum likelihood, and maximum entropy methods. Details methods of minimum variance unbiased estimation. Other topics include sufficiency and completeness of statistics, Fisher information, Cramer-Rao bounds, Bhattacharyya bounds, asymptotic consistency and distributions, statistical decision theory, minimax and Bayesian decision rules, and applications to engineering and scientific problems.

Justification:

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

Learning Outcomes:

Attach Syllabus

Additional Attachments

Additional Comments:

Reviewer Comments

Key: 3436