Course Change Request

Date Submitted: 11/15/24 11:32 am

Viewing: CSI 678 : Times Series Analysis and Forecasting

Last approved: 05/06/21 5:01 am

Last edit: 11/15/24 11:32 am

Changes proposed by: blaisten

Catalog Pages referencing this course

Computational Sciences and Informatics (CSI)

Department of Computational and Data Sciences

In Workflow

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

Approval Path

1. 11/18/24 10:07 am Arie Croitoru (acroitor): Approved for CDS Chair

History

1. Nov 19, 2020 by jriemen
2. May 6, 2021 by Tory Sarro (vsarro)

Select modification type:

~~Simple~~

Substantial

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

No

Effective Term: Summer 2025

Subject Code: CSI - Computational Science & Informatics **Course Number:** 678

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Times Series Analysis and Forecasting

Banner Title: Time Ser Anlys/Forecastn

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):
STAT 544 or permission of the instructor

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?
	(	STAT 544	B-	GR		
Or		STAT 544	XS	GR	)	
And	(	STAT 554	B-	GR		
Or		STAT 554	XS	GR	)	

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Include

Limited to students with a class of Senior Plus (SCRRCLS_ONLY_SP)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Limited to students with a class of Junior Plus (SCRRCLS_ONLY_JP)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to undergraduate level students. (SCRRLVL_ONLY_UG)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog Description:

Modeling stationary and nonstationary processes; autoregressive, moving average and mixed model processes; hidden periodicity models; properties of models; autocovariance and autocorrelation functions, and partial autocorrelation function; spectral density functions; identification of models; estimation of model parameters, and forecasting techniques.

Justification:

What: confirm the elimination of "required prerequisites"

Why: The department has assessed that only recommended prerequisites are required for this course.

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

Learning Outcomes:

Will this course be scheduled as a cross-level cross listed section?

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

Key: 3300