

Course Change Request

Date Submitted: 02/19/24 4:17 pm

Viewing: **MATH 442 : Stochastic Models**

~~Operations Research~~

Transfer Course(s): MATH L442

Last approved: 05/25/21 5:01 am

Last edit: 02/19/24 4:17 pm

Changes proposed by: csausvil

Catalog Pages
referencing this
course

[Department of Mathematical Sciences](#)

[Department of Systems Engineering and Operations Research](#)

Select modification type:

Substantial

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

No

Effective Term: Summer 2024

Subject Code: MATH - Mathematics

Course Number: 442

In Workflow

1. **MATH Chair**
2. **SC Curriculum Committee**
3. SC Assistant Dean
4. Assoc Provost- Undergraduate
5. Registrar-Courses
6. Banner

Approval Path

1. 02/19/24 5:44 pm
Maria Emelianenko (memelian):
Approved for MATH Chair

History

1. Dec 20, 2018 by Gregory Craft (gcraft)
2. May 13, 2020 by Tory Sarro (vsarro)
3. May 25, 2021 by Rajesh Ganesan (rganesan)

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses: OR 442 - Stochastic Models

Catalog Title: Stochastic Models ~~Operations Research~~

Banner Title: Stochastic Models ~~Operations Research~~

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3) **Max Allowable Credits:** 9

Default Grade Mode: Undergraduate 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?
	(MATH 351	C	UG		
Or		MATH 351	XS	UG)	

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:**Field(s) of Study:****Class(es):****Level(s):****Degree(s):****School(s):****Catalog****Description:**

Survey of probabilistic methods for solving decision problems under uncertainty, probability review, decision theory, queuing theory, inventory models, forecasting, Markov chain models, and simulation are covered. Emphasis on modeling and problem solving.

Justification:

What: We are updating the title of the course.

Why: This class is always cross listed with OR 442 and in order to continue that, the titles need to stay the same OR has already changed the title of their 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:

~~OUR Note: Edited workflow to remove UGC because this is a simple modification (course description only) and only requires college level approval.~~

Reviewer Comments

