

Industrial Engineering & Management Sciences

Academics

2022-2023 Course Listings

FILTER BY

SEARCH

Course	Course Title	Fall 2022	Winter 2023	Spring 2023
201 Introduction to Statistics	Introduction to Statistics Introduction to Statistics	TTH 12:30-1:50 PM Ankenman		
202 Probability	Probability Probability	MWF 10:00-10:50 AM Morton (Lab: Th 2:00, 3:00 PM)	MWF 10:00-10:50 AM Wilson (Lab: Th 2:00, 3:00 PM)	
295 Special Topics: Why IE?	Special Topics: Why IE? Special Topics: Why IE?		MW 4:00-5:20 PM Mejia	

Course	Course Title	Fall 2022	Winter 2023	Spring 2023
303	Statistics	MWF 2:00-2:50 PM Nelson (Lab: W 3:00, 4:00 PM)	TTH 3:30-4:50 PM Chan (Lab: W 12:00, 1:00 PM)	TTH 2:00-3:20 PM Plumlee (Lab: W 1:00, 2:00 PM)
304	Statistical Learning for Data Analysis	MWF 1:00-1:50 PM Apley (Lab: F 11:00 AM, 12:00 PM)	MWF 1:00-1:50 PM Zhaoran Wang (Lab: F 11:00, 12:00 PM)	MWF 12:00-12:50 PM Zhaoran Wang (Lab: F 10:00 AM, 11:00 AM)
307	Quality Improvement by Experimental Design			TTH 12:30-1:50 PM Ankenman (Lab: T 10:00, 11:00 AM)
308	Data Science & Analytics		MW 12:30-1:50 PM Malthouse (Lab: Th 10:00 AM, 11:00 AM)	
310	Operations Research	MWF 12:00-12:50 PM Liu		
313	Foundations of Optimization	MWF 11:00-	MWF 2:00-2:50 PM	MWF 10:00-10:50 AM

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		11:50 AM Nocedal (Lab: M 3:00, 4:00 PM)	Wächter (Lab: M 3:00, 4:00 PM)	Wächter (Lab: M 12:00, 1:00 PM)
315 (https://catalog.berkeley.edu/courses/engr/engr315.html)	Stochastic Models (https://catalog.berkeley.edu/courses/engr/engr315.html)	MWF 9:00-9:50 AM Rhee (Lab: F 3:00 PM)		MWF 9:00-9:50 AM Rhee (Lab: F 3:00 PM)
317 (https://catalog.berkeley.edu/courses/engr/engr317.html)	Discrete-Event Systems Simulation (https://catalog.berkeley.edu/courses/engr/engr317.html)		MWF 9:00-9:50 AM Nelson (Lab: W 2:00, 3:00 PM)	
340 (https://catalog.berkeley.edu/courses/engr/engr340.html)	Qualitative Methods in Engr Systems (https://catalog.berkeley.edu/courses/engr/engr340.html)	TTH 2:00-3:20 PM Mejia		
341 (https://catalog.berkeley.edu/courses/engr/engr341.html)	Social Networks Analysis (https://catalog.berkeley.edu/courses/engr/engr341.html)			Th 3:30-6:30 PM Contractor (Lab: F 12:00, F 2:00 PM)
342 (https://catalog.berkeley.edu/courses/engr/engr342.html)	Organizational Behavior (https://catalog.berkeley.edu/courses/engr/engr342.html)	MW 11:00-12:20 PM White	M 6:00-9:00 PM Murnane	
344 (https://catalog.berkeley.edu/courses/engr/engr344.html)	Whole-Brain Leadership (https://catalog.berkeley.edu/courses/engr/engr344.html)			TTH 11:00 AM-12:20

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				PM Poll
373	Intro to Financial Engineering		MW 11:00-12:20 PM Linetsky	
381	Supply-Chain Modeling and Analysis	TTH 9:30-10:50 AM Wilson (Lab: T 4:00, 5:00 PM)		
382	Operations Engineering and Management		TTH 2:00-3:20 PM Iravani	
383	Service Engineering and Management			TTH 9:30-10:50 AM Iravani
385	Introduction to Health Systems Engineering	TTh 12:30-1:50 PM Mehrotra		
394	IE Client Project Challenge	MW 4:00-6:00 PM Nelson		MWF 3:00-5:00 PM Wilson & Mejia
401	Applied Mathematical Statistics	MW 10:00-11:20 AM Apley		

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402	Statistical Learning		MW 3:30-4:50 PM Zhaoran Wang	
404-2	Predictive Analytics II		MW 11:00-12:20 PM Apley	
435	Stochastic Simulation			MW 12:30-1:50 PM Rhee
441	Social Network Analysis	F 2:00-5:00 PM Contractor		
450-1	Mathematical Optimization I	TTH 3:30-4:50 PM Mehrotra		
450-2	Mathematical Optimization II		MW 9:30-10:50 AM Wächter	
452	Combinatorial Optimization		TTH 9:30-10:50 AM Klabjan	
457	Integer Programming			MW 2:00-3:20 PM Küçükyavuz
459	Convex Optimization			TTH 9:30-10:50 AM Nocedal

Course	Course Title	Fall 2022	Winter 2023	Spring 2023
460-1	Stochastic Processes I		TTH 3:30-4:50 PM Braverman	
460-2	Stochastic Processes II			M 3:45-6:45 PM Bassamboo
488	Economics of Decision Analysis			TTh 2:00-3:20 PM Iravani
481	Logistics	TTH 9:30-10:50 AM Smilowitz		
490	Selected Topics - Emerging Topics in Computational Social Science			F 3:00-6:00 PM Dashun Wang
490	Optimization and Learning in Stochastic Dynamic Environments	TTH 2:00-3:20 PM Wei		
490	Selected Topics in Modern Discrete Probability	TTh 12:30-1:50 PM Gaudio		
490	Randomized Algorithms in Linear Algebra & Scientific Computing: Mathematical			MW 9:30-10:50 AM (May 1-17) Kolda