

2021-2022 Course Listings

FILTER BY

SEARCH

| Course | Course Title | Fall 2021 | Winter 2022 | Spring 2022 |
|-------------------|--|--|--|--|
| <u>201</u> | <u>Introduction to Statistics</u> | TTH 12:30-1:50 PM Ankenman | | |
| <u>202</u> | <u>Probability</u> | MWF 10:00-10:50 AM Wilson (Lab: Th 4:00, 5:00 PM) | MWF 9:00-9:50 AM Gaudio (Lab: Th 3:00, 4:00 PM) | |
| <u>303</u> | <u>Statistics</u> | TTH 2:00-3:20 PM Plumlee (Lab: W 2:00, 3:00 PM) | TTH 3:30-4:50 PM Plumlee (Lab: W 12:00, 1:00 PM) | MW 5:00-6:20 PM Izadinia (Lab: Th 4:00, 5:00 PM) |
| <u>304</u> | <u>Statistical Learning for Data Analysis</u> | MWF 1:00-1:50 PM Apley (Lab: F 11:00 AM, 12:00 PM) | MWF 2:00-2:50 PM Apley (Lab: F 12:00, 1:00 PM) | MWF 12:00-12:50 PM Z. Wang (Lab: F 10:00 AM, 11:00 AM) |
| <u>307</u> | <u>Quality Improvement by Experimental Design</u> | | | TTH 12:30-1:50 PM Tamhane (Lab: T 10:00, 11:00 AM) |
| <u>308</u> | <u>Data Science & Analytics</u> | | MW 12:30-1:50 PM Malthouse | |

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| | | | (Lab: T 11:00 AM, 12:00 PM) | |
| <u>310</u> | <u>Operations Research</u> | | MW 3:30-4:50 PM Barrera Martinez | |
| <u>313</u> | <u>Foundations of Optimization</u> | MWF 11:00-11:50 AM Kucukyavuz (Lab: M 3:00, 4:00 PM) | MWF 10:00-10:50 AM Waechter (Lab: M 3:00, 4:00 PM) | MWF 10:00-10:50 AM Nocedal (Lab: M 2:00, 3:00 PM) |
| <u>315</u> | <u>Stochastic Models</u> | MWF 9:00-9:50 AM Perry (Lab: F 2:00, 3:00 PM) | | MWF 9:00-9:50 AM Rhee (Lab: F 2:00 PM) |
| <u>317</u> | <u>Discrete Event Systems Simulation</u> | MWF 2:00-2:50 PM Nelson (Lab: TH 1:00, 2:00 PM) | MWF 9:00-9:50 AM Nelson (Lab: W 10:00, 11:00 AM) | |
| <u>340</u> | <u>Field Project Methods</u> | | TTH 2:00-3:20 PM Mejia | |
| <u>341</u> | <u>Social Networks Analysis</u> | | Th 6:30-9:20 PM Contractor (Lab: F 12:00-12:50, 3:00-3:50 PM) | |
| <u>342</u> | <u>Organizational Behavior</u> | TTh 9:30-10:50 AM White | M 6:00-8:50 PM Murnane | |

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|-------------------|--|---|---|---|
| <u>344</u> | <u>Whole-Brain Leadership</u> | TTH 11:00 AM-12:20 PM Poll | | TTH 11:00 AM-12:20 PM Poll |
| <u>351</u> | <u>Optimization Methods In Data Science</u> | | | MWF 1:00-1:50 PM Waechter (Lab: W 10:00, 11:00 AM) |
| <u>365</u> | <u>Analytics for Social Good</u> | | TTH 3:30-4:50 PM Smilowitz (Lab: W 3:00, 4:00 PM) | |
| <u>373</u> | <u>Intro to Financial Engineering</u> | | TTh 9:30-10:50 AM Linetsky | |
| <u>381</u> | <u>Supply Chain Modeling and Analysis</u> | TTh 12:30-1:50 PM Nocham (Lab: T 2:00, 3:00 PM) | | |
| <u>382</u> | <u>Operations Engineering and Management</u> | | TTH 12:30-1:50 PM Iravani | |
| <u>383</u> | <u>Service Engineering and Management</u> | | | T 2:00-3:20 PM Iravani |
| <u>385</u> | <u>Introduction to Health Systems Engineering</u> | TTh 3:30-4:50 PM Mehrotra | | |
| <u>394</u> | <u>IE Client Project Challenge</u> | MW 3:30-5:20 PM Wilson & Nelson | | MW 3:30-5:20 PM Wilson & Morton |

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|---------------------|---|-------------------------------|---------------------------------|-----------------------------|
| <u>401</u> | <u>Applied Mathematical Statistics</u> | TTh 9:30-10:50 AM Plumlee | | |
| <u>435</u> | <u>Stochastic Simulation</u> | | | MW 2:00-3:20 PM Rhee |
| <u>441</u> | <u>Social Network Analysis</u> | F 2:00-4:50 PM Contractor | | |
| <u>444</u> | <u>Healthcare Management Science</u> | | MW 3:30-4:50 PM Mehrotra | |
| <u>450-1</u> | <u>Mathematical Optimization I</u> | MW 2:00-3:20 PM Küçükyavuz | | |
| <u>450-2</u> | <u>Mathematical Optimization II</u> | | MW 2:00-3:20 PM Waechter | |
| <u>454</u> | <u>Large Scale Optimization</u> | | TTh 9:30-10:50 AM Küçükyavuz | |
| <u>455</u> | <u>Machine Learning</u> | TTh 12:30-1:50 PM Nocedal | | |
| <u>460-1</u> | <u>Stochastic Processes I</u> | | TTh 12:30-1:50 PM Perry | |
| <u>460-2</u> | <u>Stochastic Processes II</u> | | | M 5:00-8:00 PM Bassamboo |
| <u>462-1</u> | <u>Predictive Analytics I</u> | TTh 2:00-3:20 PM Tamhane | | |

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| <u>462-2</u> | <u>Predictive Analytics II: Nonparametric Regression and Classification Models</u> | | MW 11:00 AM-12:20 PM Apley | |
| <u>464</u> | <u>Advanced Queueing Theory</u> | | TTh 5:00-6:20 PM Perry | |
| <u>469</u> | <u>Dynamic Programming</u> | MW 9:30-10:50 AM Klabjan | | |
| <u>473</u> | <u>Financial Engineering</u> | | | TTh 2:00-3:20 PM Linetsky |
| <u>488</u> | <u>Economics & Decision Analysis</u> | | | TTh 9:30-10:50 AM Iravani |
| <u>490</u> | <u>Special Topics: Statistical Learning</u> | | MW 12:30-1:50 PM Z. Wang | |
| <u>490</u> | <u>Special Topics: Computational Social Science</u> | | | |

MORE IN THIS SECTION