


Fall 2026 Academic Webinar

Daniel J. Epstein Department of Industrial and Systems Engineering



Agenda



- 01 Department Introductions
 - 02 Degree Requirements
 - 03 Registration Information
 - 04 Contacting Your Advisor
 - 05 Important Dates & Next Steps
 - 06 Frequently Asked Questions and Q&A
- 

..... Department Introduction



Dr. Maged Dessouky

Tryon Chair in Industrial & Systems Engineering

Meet Your Advisor!



David Ho

Director of Student Services
Advisor for MS Analytics

Email: dho786@usc.edu



Alex Retana

Associate Dir of Student Services
Advisor for MS EMT, ISE, ORE, PDE,
HSME

Email: retanaa@usc.edu



Krystian Ruiz

Associate Dir of Student Services
Advisor for BS ISE

Email: krystiar@usc.edu

Academic Advising

Advisors support the academic journey of students by providing resources and program requirement information, which contribute to the students' understanding and overall academic success.

Hours of Operation
Monday - Friday
9:00AM - 5:00PM



02

Degree Requirements

USC Catalogue

The USC Catalogue is the official university source for important information regarding policies, procedures, degree, and graduation requirements

The Catalogue is updated every academic year - it is important to ensure that you are reviewing the Catalogue that is relevant to your academic year (catalogue year).

<https://catalogue.usc.edu/>

Catalogue Search

Entire Catalogue

Search Catalogue

Whole Word/Phrase

[Advanced Search](#)

Catalogue Home

About USC

Administration

Admission and Orientation

Tuition and Fees

Academic Calendar

The Schools and Academic Units

Programs, Minors and Certificates

Programs by School

USC Catalogue 2025-2026

USC Catalogue 2025-2026



MS Analytics

Required Courses (12 Units)

ISE 529 Predictive Analytics

ISE 530 Optimization Methods for Analytics

ISE 558 Data Management for Analytics

**ISE 521 Foundation of Analytics can substitute for ISE 558*

Group A – Select one (4 Units)

ISE 503, ISE 534, ISE 543, ISE 580

Group B – Select one (4 Units)

ISE 525, ISE 535, ISE 537, ISE 538, ISE 540, ISE 541, ISE 543, ISE547, ISE 558,
ISE 562, ISE 580

Advisor-Approved electives (8 units)

Total Units: 28

MS Engineering Management

Required Courses (16 Units)

ISE 519 Engineering Management of Systems Integration

ISE 515 Engineering Project Management

ISE 544 Leading and Engineering Managing Teams

ISE 561 Economic Analysis of Engineering Projects

Technology Course – Select one (4 Units)

CE 576 Invention and Technology Development

ISE 545 Principles and Practices of Global Innovation

ISE 501 Innovative Conceptual Design for New Product Development

ISE 585 Strategic Management of Technology

*ISE 588 Management of Rapid Product Development

Advisor-Approved electives (8 units)

Total Units: 28

MS Health Systems Management Engineering

Required Courses (12 Units)

- ISE 508 Health Care Operations Improvement
- ISE 509 Practicum in Health Care Systems
- PM 504 Quality in Health Care

□ *Note: DEN students will take ISE 527 Quality Management for Engineers in place of PM 504 (not offered on DEN).*

Health Systems Electives – Select three courses (12 units)

- ISE 503 Health Analytics
- ISE 504 Management of Change in Health Care Systems
- ISE 505 Modeling for Health Policy and Medical Decision Making
- ISE 506 Lean Operations
- ISE 515 Engineering Project Management
- ISE 544 Leading and Managing Engineering Teams
- ISE 564 Organizational Performance Analysis
- ISE 570 Human Factors in Engineering
- PM 508 Health Service Delivery in the U.S.

Advisor-Approved electives (4 units)

■ Total Units: 28



MS Industrial and Systems Engineering

Required Courses (12 units)

ISE 513 Inventory Systems

ISE 514 Advanced Production Planning and Scheduling

ISE 515 Engineering Project Management

Group A – Quantitative Techniques - 4 units (choose one)

ISE: 530, 536, 538, 539, 580

Group B – Quality and Operations - 4 units (choose one)

ISE: 506, 525, 527, 583

Group C – Engineering Management - 4 units (choose one)

ISE: 561, 562, 564, 570

Adviser-Approved Elective (4 units)

Total units: 28

MS Operations Research Engineering

Required Courses (20 units)

ISE 536 Linear Programming and Extensions

□ ISE 538 Performance Analysis Using Markov Models

ISE 580 Performance Analysis with Simulation

ISE 583 Enterprise Wide Information Systems

ISE 632 Network Flows and Combinatorial Optimization (*prereq ISE 536*)

□ *Note: DEN students will take CSCI 570 Analysis of Algorithms in place of ISE632 (not offered on DEN).*

Select one course (4 units)

ISE 513, 514, 520, 525, 539, 562, 563, 576

Advisor-Approved Elective (4 units)

■ Total units: 28

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MS Product Development Engineering (Management Specialization)

Required Courses - 8 units

- ISE 545 Principles and Practices of Global Innovation
- ISE 501 Innovative Conceptual Design for New Product Development

Management Specialization Required - 8 units

- ISE 515 Engineering Project Management
- ISE 544 Leading and Managing Engineering Teams OR
- ISE 585 Strategic Management of Technology Innovation OR
- ISE 588 Management of Rapid Product Development

Management Specialization Technical Electives - 8 units

AME 504, 510 ISE 514, 525, 527, 544, 561, 562, 580, 583, 585, 588, 610

Management Specialization General Elective - 4 units

- CSCI 567 DSCI 552 ISE 460, 470, 506, 520, 529, 530, 633 PPD 587

▪ Total units: 28



MS Product Development Engineering (Technology Specialization)

Required Courses - 8 units

ISE 545 Principles and Practices of Global Innovation

ISE 501 Innovative Conceptual Design for New Product Development

Technology Specialization Required – 7-8 units

AME 503 Advanced Mechanical Design

AME 525 Engineering Analysis OR

AME 526 Introduction to Mathematical Methods in Engineering OR

AME 540 Probability and Statistics in Engineering Science

Technology Specialization Technical Electives – 6-8 units

AME: 408, 410, 502, 505, 510, 525, 526, 527, 544, 546, 547, ASTE 523, CE576, ISE: 567, 576, 585, MASC 551, 583, SAE 549

Technology Specialization General Electives – 4-7 units

AME: 481, 577, 578, ASTE 520, CE: 529, 543, 550, 551

Total units: 28

Condition of Admission

- If you receive an ADM20 Condition of Admission, it will be identified on the second page of your admissions letter. You will also see an ADM 20 hold on your account.

There are two possible conditions of admission for students in the ISE Department:

- - a) You must complete ISE 460 in your first semester/year of enrollment
 - b) You must obtain a minimum 3.0 GPA in your first semester at USC

If you feel you received an ADM20 hold by mistake, please reach out to your advisor. Once you complete the condition(s) listed in your admissions letter, you must contact your academic advisor to remove the hold.

Policies

The university lists academic policies that students must comply with in order to graduate with their degree program.

GPA	Graduate students are required to maintain a B average (3.0 GPA) while enrolled in a master's program. <ul style="list-style-type: none">•Both in their <u>applied</u> and <u>overall</u> GPAs.
Passing Grade	Minimum of a C or better. Pass/No Pass option is NOT allowed.
Continuous Enrollment	All students must be enrolled in fall and spring terms. Summer is optional. <ul style="list-style-type: none">• Must request Leave of Absences for fall or spring (maximum 4)
Time Limit	Graduate students have 5 years to complete their degree program. (International student time limits dictated by I-20)
Academic Integrity (link)	There are serious consequences to cheating and plagiarism.

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Registration

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Course Load

- Part-time status: 1-7 units
- Full-time status: 8 units or more
 - Not required for domestic students
 - International master's students must be in 8 units
- Maximum number of courses each semester: Varies by program

Course Recommendations

- Students will receive an email from their advisor (either Alex or David) with course recommendations, D-clearance, and registration instructions.

D-clearance

- A “D” listed after the section number indicates that D-clearance (permission) is required before you can register for the course.
- A section number without a “D” does not require clearance, so you can register immediately.

AME 502 - Modern Topics in Aerospace Design

3.0 Units | Available Seats: 41

Current topics in Aerospace Engineering are addressed by a number of industry panelists. Students, under panelists' supervision and guidance, complete independent research reports and briefings. Recommended preparation: AME 261, AME 441, AME 481 or equivalents. Genuine interest in design of flight vehicles. Open only to Senior, Master, and Doctoral students.

Restrictions: This course is open to the following class levels: Doctoral Student, Master Student and Senior. This course is open to the following school: Andrew and Erna Viterbi School of Engineering.

SECTION	UNITS	TYPE	SCHEDULE	LOCATION	INSTRUCTORS	SYLLABUS	REGISTERED	DETAILS
28970 D	3.0	Lecture	Fri, 12:00-2:30 pm	Sign In to View	Jayanth Kudva	Not Available	4 / 30	View More
28860	3.0	Lecture	Fri, 12:00-2:30 pm	Sign In to View	Jayanth Kudva	Not Available	5 / 20	View More

Requesting D-clearance

D-clearance for Viterbi courses is done through myViterbi.

- Outside of Viterbi: visit department website for directions

On-Campus Section	<p>On-Campus students:</p> <ul style="list-style-type: none">• Request d-clearance through MyViterbi>> D-clearance Request Manager >> Select Department• Processing timeline is 3-4 business days.
DEN@Viterbi Section	<p>DEN students</p> <ul style="list-style-type: none">• Some classes may require d-clearance. More information to come• Request d-clearance through MyViterbi>> D-clearance Request Manager>> DEN@Viterbi D-clearance Request• This is only visible to DEN@Viterbi students• Processing timeline is 3-4 business days.

Requesting D-clearance

- Advisement Appointment System
- Apply for an hourly position to support a class (eg. Grader, etc..)
- **D-Clearance Request Manager**
- DEN Petition Request Form
- Directed Research
- Graduate Academic Verification Form for Program Extension
- Instructional Software Distribution
- Internship Course Request Form
- Learning Environment Services Manager
- Optional Practical Training Graduation Verification Form
- Out of Sequence
- Placement Exam Registration (EE)
- Pre-Req Waiver Request Manager
- Progressive Degree Program
- Purchase Order Request Tool (PORT)
- Secure Document Uploader
- Temporary Removal of Verification of Degree Holds
- VASE Program Certificates
- Viterbi Service Desk
- Withdrawal Request
- Women in Engineering Mentorship

Requesting D-clearance: On-Campus

To request D-Clearance for an **On-Campus section**, select the department from the links below:

- [Aerospace and Mechanical Engineering](#)
- [Civil & Environmental Engineering](#)
- [Computer Science and Data Science](#)
- [Daniel J. Epstein Department of Industrial and Systems Engineering](#)
- [Ming Hsieh Department of Electrical and Computer Engineering](#)
- [The Mork Family Department of Chemical Engineering and Materials Science](#)

Note: If the department you wish to request D-Clearance from is not listed above that means this system is not active for those classes at this time. Please contact your student advisor to find out when D-Clearances will be available for that department. D-Clearance requests for courses outside of Viterbi are managed by that department. Please contact them directly.

Requesting D-clearance: DEN@Viterbi

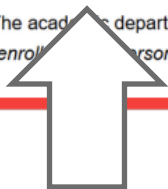
D-Clearance Request Manager

DEN@Viterbi D-Clearance:

To request D-Clearance for a DEN@Viterbi section, click on the **DEN@Viterbi D-Clearance Request** link below.
The link will list all DEN@viterbi course sections for all academic departments.

DEN@Viterbi D-Clearance Request

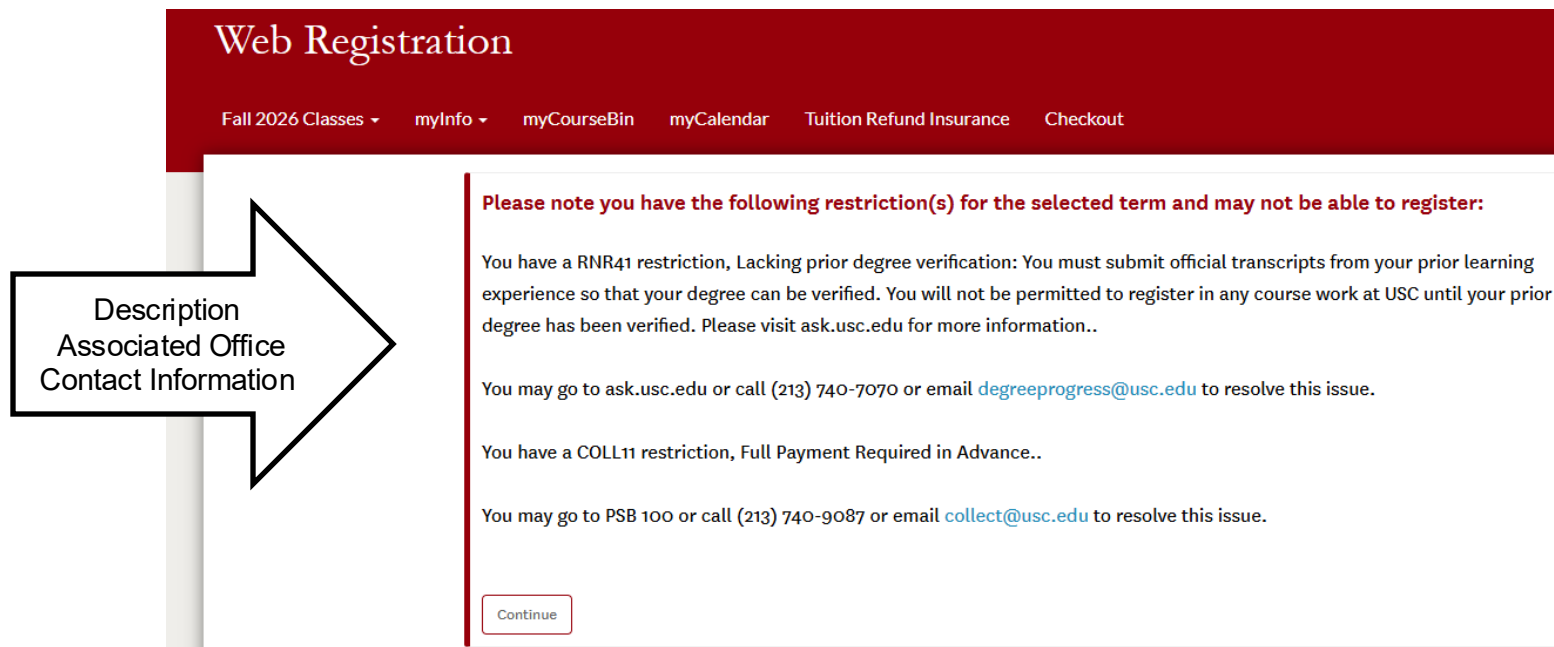
****Important:** The academic department links below are intended solely to request D-Clearance for on-campus sections.
Students who enroll in an in-person section must adhere to the in-person course instructions, policies, and requirements.



Click **highlighted** link

Account Holds

When logging into Web Registration, holds will be listed at the beginning before continuing to class offerings.



The screenshot shows the USC Web Registration interface. At the top is a dark red navigation bar with the text "Web Registration" in white. Below the navigation bar are several menu items: "Fall 2026 Classes", "myInfo", "myCourseBin", "myCalendar", "Tuition Refund Insurance", and "Checkout". The main content area is white and contains a message about account holds. A large white arrow with a black outline points from the left towards the message. The arrow contains the text "Description Associated Office Contact Information". The message itself is enclosed in a red-bordered box and contains the following text: "Please note you have the following restriction(s) for the selected term and may not be able to register: You have a RNR41 restriction, Lacking prior degree verification: You must submit official transcripts from your prior learning experience so that your degree can be verified. You will not be permitted to register in any course work at USC until your prior degree has been verified. Please visit ask.usc.edu for more information.. You may go to ask.usc.edu or call (213) 740-7070 or email degreeprogress@usc.edu to resolve this issue. You have a COLL11 restriction, Full Payment Required in Advance.. You may go to PSB 100 or call (213) 740-9087 or email collect@usc.edu to resolve this issue." At the bottom of the message box is a "Continue" button.

Web Registration

Fall 2026 Classes ▾ myInfo ▾ myCourseBin myCalendar Tuition Refund Insurance Checkout

Please note you have the following restriction(s) for the selected term and may not be able to register:

You have a RNR41 restriction, Lacking prior degree verification: You must submit official transcripts from your prior learning experience so that your degree can be verified. You will not be permitted to register in any course work at USC until your prior degree has been verified. Please visit ask.usc.edu for more information..

You may go to ask.usc.edu or call (213) 740-7070 or email degreeprogress@usc.edu to resolve this issue.

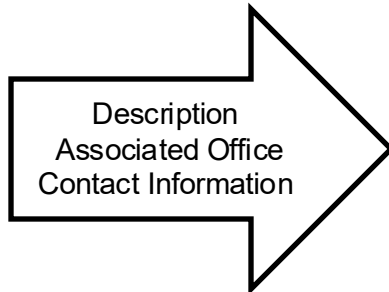
You have a COLL11 restriction, Full Payment Required in Advance..

You may go to PSB 100 or call (213) 740-9087 or email collect@usc.edu to resolve this issue.

Continue

Account Holds

Holds can also be found on
Experience USC > My
Academics > Restrictions



My Academics
Get informed on your student records and resources.

My Fall 2024 Registered Courses [View Other Semesters >](#)

Changes made to your registered courses in other systems may take some time to reflect in Experience USC.

UTC/Sec	SUN	MON	TUE	WED	THU	FRI	SAT	TBA
10 am		DES 303 3242, Lecture Orbital	BUCCO 450 3249, Lecture THER 202	DES 303 3242, Lecture Orbital	BUCCO 450 3249, Lecture THER 202	DES 303 3242, Lecture Orbital		CRT 245 3359, Lecture ATK 225
11 am						DES 303 3242, Lecture Orbital		CS 235 3454, Lab SIS 121
12 pm								
1 pm		CS 256 3242, Lecture KAR 121		CS 256 3242, Lecture KAR 121				
2 pm			CS 2... 3342... ATK 2...	CS 4... 3378... ATK 2...		CS 2... 3342... ATK 2...	CS 4... 3378... ATK 2...	

AUGUST 23
MONDAY

My Fall 2024 Registration Appointment Date Begins:
August 23, 2022 at 11:00 AM PST
[Go to Web Registration](#) [View Academic Calendar](#)
[Read Statements of Responsibility >](#)

You have 3 activity restrictions for Fall 2024 semester
[View Registration Information >](#)

Kara Santos
She / Her / Hers
USC ID: 1804-0914-47
Major/Program: Bachelor of Science,
Expected Graduation: May 2026
1 more active major/program
[Edit Profile](#)

Brightspace
USC's Online tracking and learning
platform for students and faculty.
[Visit Brightspace](#)

Advise USC
Visit Advise USC to schedule advisor
appointments and create course plans.
[Access Advise USC](#)



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Contacting Your Advisor

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How to Reach Advisors – Schedule Appointment

Experience USC > Advise USC > Make an Appointment

The screenshot displays the USC Advise USC website. At the top, there is a search bar and navigation links for Home, Advisor Connect, Advising Notes, Success Plans, and Course Plans. A banner image shows graduates with the text "Hello, Alan! Welcome to Advise USC." Below the banner, there are two main sections: "My Tasks" and "My Appointments".

My Tasks: This section shows a folder icon with the message "You're all caught up" and "No Tasks." below it.

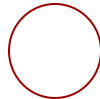
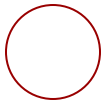
My Appointments: This section has a blue button labeled "Schedule an Appointment" at the top. Below the button are tabs for "Upcoming", "Past", and "Cancelled". The "Upcoming" tab is selected, showing a calendar icon and the text "No appointments to show." Below this, it says "Something on your mind? Schedule an appointment to speak with someone." A red arrow points to the "Schedule an Appointment" button, with the text "Click to schedule an appointment" above it.

Email communication

When sending an email, please include detailed information about your inquiry to avoid delays.

Please include your USC ID number in all communication.

We encourage respectful and professional communication when interacting with staff and faculty members.



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Next Steps & Important Dates

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Next Steps and Important Dates

Next Steps

- Review New Student Website
- Activate myViterbi (1-2 days)
- Submit d-clearance requests
- Register for Fall 2026 courses

Important Dates

- International Student Session- July 6 (Zoom)
- On-Campus Student Orientation
 - Part 1- August 17 (online)
 - Part 2- August 18 (in-person)
- DEN@Viterbi Orientation
 - Part 1- July 22nd
 - [DEPT] Part 2- July 23rd
- Last day to register and settle without a late fee - August 21
- Fall semester classes begin - August 24th

06

FAQs

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Frequently Asked Questions

Can I change my master's program to another one in the department? Outside the dep't?

- Students may request a change of major only after successfully completing their first semester. Some programs may have additional requirements that must be satisfied before a transfer can be approved. Please consult with your academic advisor to determine if you are eligible to transfer to a different program.
- If you wish to transfer to a program outside of ISE, you must speak with an academic advisor in the department you are interested in joining.

Can I transfer graduate units into my program?

- Graduate transfer credit will only be allowed for courses (1) from an accredited graduate school, (2) of a quality of at least 3.0 on a 4.0 grading scale, (3) constituting a reasonable equivalent to current USC course work and logically fitting into the program for the degree.
- Graduate transfer credit will not be granted for life experience, credit by examination, or extension courses. Courses used toward a degree completed elsewhere may not be applied toward a master's degree at USC.

Can I take electives from other departments?

- Some non-ISE courses may be eligible to count toward electives in your respective program. Please consult your academic advisor to determine whether your courses qualify, or review the list of advisor-approved electives in the MS ISE Handbook.

Research



Master's thesis

A Master's thesis is not required. Students interested in pursuing a thesis should speak with their advisor.



590 courses

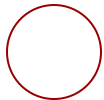


Students have the option to take Directed Research (590 courses) and work under a faculty member to deliver results for a grade

Other Ways to Get Involved

Volunteering in research labs, projects, or student organizations connected to departments can expand your skills





Q&A

