



# MORK FAMILY DEPARTMENT

Department of Chemical Engineering & Materials Science

*Anthony Tritto, Director, MFD Student Affairs*



**A recording of this online orientation  
and this presentation will be available for  
viewing and download on the VASE website.**

*<https://viterbigrad.usc.edu/ms-denviterbi-new-student-information/>*



# AGENDA

- Introduction - Mork Family Department
- List of MS programs
- Faculty Advisors
- Student Affairs
- Program Overview
- Registering for courses
- Getting connected
- Q & A



Mork Family Department Website: <https://chems.usc.edu/>

**USC**Viterbi

**Mork Family**

Department of Chemical Engineering & Materials Science

 **USC** University of  
Southern California

Contact Us

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**Master's Programs**

Chemical Engineering

Materials Science

Petroleum Engineering

**USC**Viterbi  
School of Engineering

University of Southern California



## MFD Masters Programs:

- Master of Science in Chemical Engineering
- Master of Science in Materials Engineering
- Master of Science in Materials Science
- Master of Science in Materials Engineering (Machine Learning)
- Master of Science in Petroleum Engineering
- Master of Science in Petroleum Engineering Digital Oilfield Technologies
- Master of Science in Petroleum Engineering Geoscience Technologies
- Master of Science in Petroleum Engineering/Engineering Management



## Faculty Advisor



**Chemical Engineering**

**Dr. Noah Malmstadt**

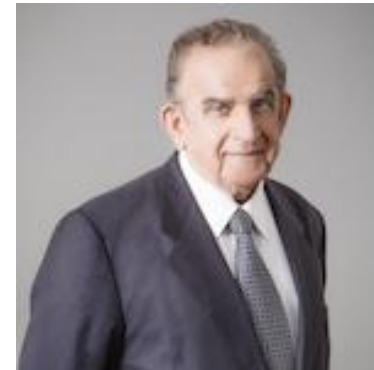
Email [malmstad@usc.edu](mailto:malmstad@usc.edu)



**Materials Science**

**Dr. Ken-Ichi Nomura**

Email [knomura@usc.edu](mailto:knomura@usc.edu)



**Petroleum Engineering**

**Dr. Iraj Ershaghi**

Email [ershaghi@usc.edu](mailto:ershaghi@usc.edu)

# Mork Family Department Student Affairs



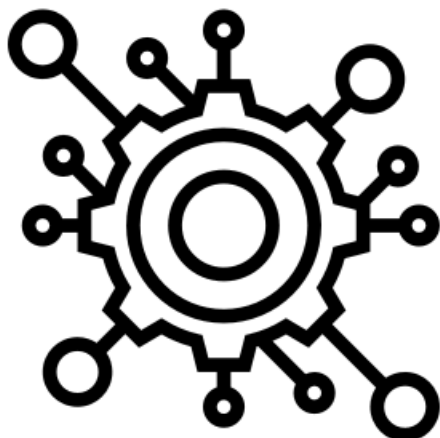
Anthony Tritto  
Director  
[Artritto@usc.edu](mailto:Artritto@usc.edu)

Contact: [mfdinfo@usc.edu](mailto:mfdinfo@usc.edu)

# Chemical Engineering

Requirements for Graduation 28 units total with 3.0 GPA overall

Deficiency courses may be required for students without a CHE background



## **Group I: Required Core Courses (All 4 required for 16 units total):**

ChE 501 Modeling and Analysis of Chemical Engineering Systems – 4 units\*\*

**(This is required in your first semester\*\*)**

CHE 530 Thermodynamics for Chemical Engineers – 4 units

ChE 538 Transport Processes I – 4 units (Offered in the Fall)

ChE 542 Chemical Engineering Kinetics – 4 units (Offered in the Fall)

## **Group II: Elective Courses (Complete 12 units from the list below):**

ChE 510 Energy and Process Efficiency – 3 Units

ChE 539 Transport Processes II – 4 units

ChE/PTE 531 Enhanced Oil recovery

ChE/PTE 582 Fluid Flow and Transport Processes in Porous Media

ChE 590 (Directed Research, 1 - 3 units, approval of research advisor required before registering)





# Chemical Engineering

Undergraduate courses that could count towards the CHE  
Graduate Program



Requirements for Graduation 28 units total with 3.0 GPA overall

Deficiency courses may be required for students without a CHE background

Please note that Graduate Students Cannot Count More than 9 units of 400 Level Courses towards Their MS Degree

ChE 450 Sustainable Energy

ChE 475 Physical Properties of Polymers

ChE 487 Nanotechnology and Nanoscale Engineering through Chemical Processes

ChE 489 Biochemical Engineering

ChE 499 Chemical Process Safety

Or other 400-level or above courses in Math, Science & Engineering upon Department Approval\*



# Chemical Engineering



Non-CHE courses that can be applied as Electives\*

## Materials Science:

- MASC 515 Basics of Machine Learning for Materials
- MASC 551 Mechanical Behavior of Engineering Materials
- MASC 575 Basics of Atomistic Simulation of Materials
- MASC 583 Materials Selection
- MASC 576 Molecular Dynamics Simulations of Materials and Processes

## Petroleum Engineering:

- PTE 519 Integrated Physical and Cyber Security for Oil & Gas Operations
- PTE 500 Computational Reservoir Modeling
- PTE 502 Advanced Reservoir Characterization
- PTE 507 Engineering and Economic Evaluation of Subsurface Reservoirs
- PTE 508 Numerical Simulation of Subsurface Flow and Transport Processes



## Chemical Engineering Recommended Electives



### Fall:

AME 522: Nonlinear Dynamical Systems, Vibrations, and Chaos  
AME 554: Additive Manufacturing Technology  
BME 559: Nanomedicine and Drug Delivery  
CE 523: Physicochemical Processes in Environmental Engineering  
ISE 562: Decision Analysis

### Spring:

BME 559: Nanomedicine and Drug Delivery  
CE 553: Biological Processes in Environmental Engineering  
ISE 525: Design of Experiments



# Materials Science

Requirements for Graduation 28 units total with 3.0 GPA overall:

**Core Courses:** (12 units)

MASC 471 Applied Quantum Mechanics for Engineers (4)

MASC 501 Solid State (4)

MASC 503 Thermodynamics of Materials (4)

MASC 504 Diffusion and Phase Equilibria (4)

MASC 505 Crystals and Anisotropy (3)

MASC 520 Mathematical Methods for Deep Learning (4)

MASC 551 Mechanical Behavior of Engineering Materials (4)

**Electives:**

8-16 units from MASC elective list and 0-8 units from ENG elective list on the following page

Up to 8 units may be from 400-level courses on approval by department.



# Materials Engineering

## MASC elective list (20-28 units)

MASC 501 Solid State (3)  
MASC 502 Advanced Solid State (3)  
MASC 503 Thermodynamics of Materials (4)  
MASC 504 Diffusion and Phase Equilibria (4)  
MASC 505 Crystals and Anisotropy (4)  
MASC 506 Semiconductor Physics (4)  
MASC 512 Thin Film Science and Technology (4)  
MASC 515 Basics of Machine Learning for materials (4)  
MASC 520 Mathematical Methods for Deep Learning (4)  
MASC 534 Materials Characterization (3)  
MASC 535L Transmission Electron Microscopy (4)  
MASC 551 Mechanical Behavior of Engineering Materials (4)  
MASC 559 Creep (3)  
MASC 560 Fatigue and Fracture (3)  
MASC 561 Dislocation Theory and Applications (3)  
MASC 562 Failure Analysis (3)  
MASC 564 Composite Processing (4)  
MASC 570 Introduction to Photovoltaic Solar Energy Conversion (3)  
MASC 575 Basics of Atomistic Simulation of Materials (4)  
MASC 576 Molecular Dynamics Simulations of Materials and Processes (4)  
MASC 583 Materials Selection (4)  
MASC 599 Special Topics (varies)  
MASC 601 Advanced Semiconductor Device Physics (4)  
MASC 610 Molecular Beam Epitaxy



## ENG elective list (0-8 units)

AME 503 Advanced Mechanical Design  
AME 508 Machine Learning and Computational Physics  
AME 509 Applied Elasticity  
AME 525 Engineering Analysis  
AME 526 Engineering Analytical Methods  
AME 546 Design for Manufacturing and Assembly  
AME 577 Survey of Energy and Power for a Sustainable Future  
AME 578 Modern Alternative Energy Conversion Devices  
AME 588 Materials Selection  
ASTE 557 Spacecraft Structural Strength and Materials  
BME 510 Cellular Systems Engineering  
CE 507 Mechanics of Solids I  
CE 529a Finite Element Analysis  
CE 546 Structural Mechanics of Composite Materials  
CHE 501 Modeling and Analysis of Chemical Engineering Systems  
CHE 630 Fundamentals of Electrochemical Energy System  
CHEM 632 Introduction to Surface Chemistry and Electrochemicals  
EE 471 (MASC 471) Applied Quantum Mechanics for Engineers (4)  
EE 504L Solid State Processing and Integrated Circuits Laboratory  
EE 507 (MASC 507) Micro- and Nano-Fabrication Technology  
EE 508 (MASC 508) Nano-Fabrication Lithography  
EE 512 Stochastic Processes  
EE 529 Optics  
EE 531 Non-linear Optics  
EE 537 Modern Solid-State Devices  
EE 601 Semiconductor Devices  
EE 607 Microelectromechanical Systems  
EE 612 Science and Practice of Nanotechnology  
ENE 505 Energy and the Environment  
ISE 510 Advances Computational Design and Manufacturing  
ISE 515 Engineering Project Management  
PTE 586 Artificial Intelligence and Machine Learning in Oilfield Operations (3)

# Materials Engineering Machine Learning

## MASC core requirements (12 units)

MASC 515 Basics of Machine Learning for materials (4)  
MASC 520 Mathematical Methods for Deep Learning (4)  
MASC 575 Basics of Atomistic Simulation of Materials (4)

Additional Engineering electives listed  
on next page

## MASC elective courses (8-16 units)

MASC 501 Solid State (3)  
MASC 502 Advanced Solid State (3)  
MASC 503 Thermodynamics of Materials (4)  
MASC 504 Diffusion and Phase Equilibria (4)  
MASC 505 Crystals and Anisotropy (4)  
MASC 506 Semiconductor Physics (4)  
MASC 512 Thin Film Science and Technology (4)  
MASC 534 Materials Characterization (3)  
MASC 535L Transmission Electron Microscopy (4)  
MASC 551 Mechanical Behavior of Engineering  
Materials (4)  
MASC 559 Creep (3)  
MASC 560 Fatigue and Fracture (3)  
MASC 561 Dislocation Theory and Applications (3)  
MASC 562 Failure Analysis (3)  
MASC 564 Composite Processing (4)  
MASC 570 Introduction to Photovoltaic Solar Energy  
Conversion (3)  
MASC 576 Molecular Dynamics Simulations of  
Materials and Processes (4)  
MASC 583 Materials Selection (4)  
MASC 599 Special Topics (varies)  
MASC 601 Advanced Semiconductor Device Physics (4)  
MASC 610 Molecular Beam Epitaxy (3)  
PTE 586 Artificial Intelligence and Machine Learning  
in Oilfield Operations (3)

# Materials Engineering Machine Learning

## ENGR elective courses (0-8 units)

AME 503 Advanced Mechanical Design (3)  
AME 509 Applied Elasticity (4)  
AME 525 Engineering Analysis (4)  
AME 526 Introduction to Mathematical Methods in Engineering II (4)  
AME 546 Design for Manufacturing Assembly (4)  
AME 577 Survey for Energy and Power for a Sustainable Future (4)  
AME 578 Modern Alternative Energy Conversion Devices (3)  
ASTE 557 Spacecraft Structural Strength and Materials (3)  
BME 510 Cellular Systems Engineering (4)  
CE 507 Mechanics of Solids (4)  
CE 546 Structural Mechanics of Composite Materials (2)  
CHE 501 Modeling and Analysis of Chemical Engineering Systems (4)  
CHEM 630 Fundamentals of Electrochemical Energy Systems (2)  
CHEM 632 Introduction to Surface Chemistry and Electrocatalysts (2)  
EE 471 Applied Quantum Mechanics for Engineers (4)  
EE 504L Solid-State Processing and Integrated Circuits Laboratory (4)  
EE 507 Micro- and Nano-Fabrication Technology (4)  
EE 512 Stochastic Processes (3)  
EE 529 Optics (4)  
EE 531 Nonlinear Optics (4)  
EE 537 Modern Solid-State Devices (4)  
EE 601 Advanced Semiconductor Device Physics (4)  
EE 607 Microelectromechanical Systems (4)  
EE 612 Science and Practice of Nanotechnology (3)  
ENE 505 Energy and the Environment (4)  
ISE 510 Advanced Computational Design and Manufacturing (3)  
ISE 515 Engineering Project Management (3)

## Master of Science in Petroleum (POST Code 654)

### Course Check List – Fall 2021

#### Course Breakdown:

##### Group I: Required Core Courses (All 6 required for 19 units total):

- PTE 507 Engineering and Economic Evaluation of Subsurface Reservoirs – 3 units
- PTE 508 Numerical Simulation of Subsurface Flow and Transport Processes – 3 units
- PTE 517 Testing of Wells and Aquifers – 3 units
- PTE 531 Enhanced Oil Recovery – 4 units
- PTE 555 Well Completion, Stimulation, and Damage Control – 3 units
- PTE 582 Fluid Flow and Transport Processes in Porous Media – 3 units

##### Group II: Elective Courses (Complete 3 courses (9-10) units total from the list below):

- PTE 502 Advanced Reservoir Characterization – 3 units
- PTE 503 Technology of Unconventional Oil and Gas Resources Development – 3 units
- PTE 504 Geophysics for Petroleum Engineers – 3 units
- PTE 505 Inverse Modeling for Dynamics Data Integration – 3 units
- PTE 506 Geothermal Reservoirs – 3 units
- PTE 511 Advanced Phase Behavior of Petroleum Reservoir Fluids – 3 units
- PTE 512 Gas Injection Processes — Analytical Solutions and Analysis – 3 units
- PTE 514 Drilling Engineering – 3 units
- PTE 519 Integrated Physical and Cyber Security for Oil and Gas Operations – 3 units
- PTE 542 Carbonate Rocks – 3 units
- PTE 545 Corrosion Control in Petroleum Production – 3 units
- PTE 572 Applied Geostatistical Modeling for Subsurface Characterization – 4 units
- PTE 515 Natural Gas Engineering – 3 units
- PTE 578 Advanced Production Engineering – 3 units
- PTE 581 Environmental Technology in the Petroleum Industry – 3 units
- PTE 586 Artificial Intelligence and Machine Learning in Oilfield Operations -4 units
- PTE 587 Smart Completions, Oilfield Sensors and Sensor Technology – 3 units
- PTE 588 Smart Oilfield Data Mining – 3 units
- PTE 589 Advanced Oilfield Operation with Remote Immersive Visualization and Control – 3 units
- PTE 590 Directed Research – 1-12 units

##### Deficiency Courses for non-majors



- PTE 411x Introduction to Transport Processes in Porous Media – 3 units
- PTE 412x Petroleum Reservoir Engineering – 3 units
- PTE 461 Formation Data Sensing with Well Logs – 4 units
- PTE 466 Petroleum Geology – 3 units or PTE 502 Advanced Reservoir Characterization(3)
- PTE 500 Computational Reservoir Modeling – 3 units

##### Graduation requirements:

- 28-29 units total
- 3.0 GPA overall
- Up to 16 additional units min. of deficiency courses are required for students without a B.S. in Petroleum Engineering





## Master of Science in Petroleum Digital Oilfield Technologies (POST Code 1811)

### Course Check List – Fall 2021

#### Course Breakdown:

##### Group I: Required Core Courses (19 units):

PTE 507 Engineering and Economic Evaluation of Subsurface Reservoirs  
PTE 508 Numerical Simulation of Subsurface Flow and Transport Processes  
PTE 517 Testing of Wells and Aquifers  
PTE 531 Enhanced Oil Recovery  
PTE 555 Well Completion, Stimulation, and Damage Control  
PTE 582 Fluid Flow and Transport Processes in Porous Media

##### Specialization Course

Take PTE 586 and PE 588

PTE 586 Intelligent and Collaborative Oilfield Systems Characterization and Management

PTE PT 588 Smart Oilfield Data Mining

and two of the other following courses

PTE 519 Integrated Physical and Cyber Security for Oil and Gas Operations

PTE 587 Smart Completions, Oilfield Sensors and Sensor Technology

PTE 589 Advanced Oilfield Operations with Remote Immersive Visualization and Control

PTE 521\* Digital Transformation of Petroleum Industry

\*New course proposed

##### Group II: Elective Courses (Complete 2 courses total from the list below):

PTE 502 Advanced Reservoir Characterization – 3 units  
PTE 503 Technology of Unconventional Oil and Gas Resources Development – 3 units  
PTE 504 Geophysics for Petroleum Engineers – 3 units  
PTE 505 Inverse Modeling for Dynamics Data Integration – 3 units  
PTE 506 Geothermal Reservoirs – 3 units  
PTE 511 Advanced Phase Behavior of Petroleum Reservoir Fluids – 3 units  
PTE 512 Gas Injection Processes — Analytical Solutions and Analysis – 3 units  
PTE 514 Drilling Engineering – 3 units  
PTE 515 Natural Gas Engineering – 3 units  
PTE 519 Integrated Physical and Cyber Security for Oil and Gas Operations – 3 units  
PTE 542 Carbonate Rocks – 3 units  
PTE 545 Corrosion Control in Petroleum Production – 3 units  
PTE 572 Applied Geostatistical Modeling for Subsurface Characterization – 4 units  
PTE 578 Advanced Production Engineering – 3 units  
PTE 581 Environmental Technology in the Petroleum Industry – 3 units  
PTE 586 Artificial Intelligence and Machine Learning in Oilfield Operations -4 units  
PTE 587 Smart Completions, Oilfield Sensors and Sensor Technology – 3 units  
PTE 588 Smart Oilfield Data Mining – 3 units  
PTE 589 Advanced Oilfield Operation with Remote Immersive Visualization and Control – 3 units  
PTE 590 Directed Research – 1-12 units

##### Deficiency Courses for non majors

PTE 411x Introduction to Transport Processes in Porous Media – 3 units

PTE 412x Petroleum Reservoir Engineering – 3 units

PTE 461 Formation Data Sensing with Well Logs – 4 units

PTE 466 Petroleum Geology – 3 units

PTE 500 Computational Reservoir Modeling – 3 units

#### Graduation Requirements:

37-38 units total

3.0 GPA overall

Up to 16 additional units min. of deficiency courses may be required for students without a B.S. in Petroleum Engineering

**Master of Science in Petroleum Engineering/Engineering Management (POST Code 1652)**  
**Course Check List – Fall 2021**

*Course Breakdown*

**Group I: Required Core Courses (36 units):**

ISE 500 Engineering Management Decisions and Statistics  
ISE 514 Advanced Production Planning and Scheduling  
ISE 515 Engineering Project Management  
ISE 544 Management of Engineering Teams  
ISE 561 Economic Analysis of Engineering Projects  
1 Pre-approved Business Management Course (3 units)  
PTE 507 Engineering and Economic Evaluation of Subsurface Reservoirs  
PTE 508 Numerical Simulation of Subsurface Flow and Transport Processes  
PTE 517 Testing of Wells and Aquifers  
PTE 531 Enhanced Oil Recovery  
PTE 555 Well Completion, Stimulation, and Damage Control  
PTE 582 Fluid Flow and Transport Processes in Porous Media

**Group II: Elective Courses (Complete 9 units total of PTE electives)**

**Deficiency Courses**

PTE 411x Introduction to Transport Processes in Porous Media – 3 units  
PTE 412x Petroleum Reservoir Engineering – 3 units  
PTE 461 Formation Data Sensing with Well Logs – 4 units  
PTE 466 Petroleum Geology – 3 units or PTE 502 Advanced Reservoir Characterization (3 units)  
PTE 500 Computational Reservoir Modeling – 3 units

**Graduation Requirements:**

45 units total  
3.0 GPA overall  
Up to 16 additional units min. of deficiency courses may be required for students without a B.S. in Petroleum Engineering

Master of Science in Petroleum Geoscience Technologies (POST Code 1477)  
Course Check List – Fall 2021

Course Breakdown:

Group I: Required Core Courses (19 units):

- PTE 507 Engineering and Economic Evaluation of Subsurface Reservoirs
- PTE 508 Numerical Simulation of Subsurface Flow and Transport Processes
- PTE 517 Testing of Wells and Aquifers
- PTE 531 Enhanced Oil Recovery
- PTE 555 Well Completion, Stimulation, and Damage Control
- PTE 582 Fluid Flow and Transport Processes in Porous Media

Group II- Specialization Courses

- Take PTE 502 and PTE 503
- PTE 502 Advanced Reservoir Characterization (3)
- PTE 503 Technology of Unconventional Oil and Gas Resources Development (3)
- and two of the following courses:
- PTE 504 Geophysics for Petroleum Engineers (3)
- PTE 505 Inverse Modeling for Dynamics Data Integration (4)
- PTE 572 Applied Geostatistical Modeling for Subsurface Characterization – 4 units
- PTE 592 Computational Geomechanics (4)

Deficiency Courses for non-majors

- PTE 411x Introduction to Transport Processes in Porous Media – 3 units
- PTE 412x Petroleum Reservoir Engineering – 3 units
- PTE 461 Formation Data Sensing with Well Logs – 4 units
- PTE 466 Petroleum Geology – 3 units
- PTE 500 Computational Reservoir Modeling – 3 units

Graduation requirements:

- 38-39 units total
- 3.0 GPA overall
- Up to 16 additional units min. of deficiency courses may be required for students without a B.S. in Petroleum Engineering

# DEN Viterbi

MASC: <https://classes.usc.edu/term-20223/classes/masc>

PTE: <https://classes.usc.edu/term-20223/classes/pte>

CHE: <https://classes.usc.edu/term-20223/classes/che>

## Materials Science:

MASC 503

MASC 551

MASC 583

## Petroleum Engineering:

PTE 500

PTE 502

PTE 507

PTE 519

PTE 572

PTE 582

PTE 588

## Chemical Engineering:











CHE 501

CHE 538

CHE 542

### – MASC 583: Materials Selection (4.0 units)

Materials selection in relationship to design and fabrication, economic considerations, methodology of selection, performance parameters; case studies.

Section	Session	Type	Time	Days	Registered	Instructor	Location	Syllabus	Info
32115R	048	Lecture	6:30-9:50pm	Wednesday	14 of 40	 Michael Hahn	 RTH 109	 PDF	 
32116D	034	Lecture	6:30-9:50pm	Wednesday	3 of 33	 Michael Hahn	 DEN@Viterbi	 PDF	 

# How To Request D-clearance From DEN

All DEN courses require D-clearance.



**USC Viterbi**  
School of Engineering

Student FAQ **DEN@Viterbi Tools**

29071D-AME541\_20163  
29073D-AME541(DIS)\_20163  
29092D-AME578\_20163  
29093D-AME581\_20163  
29095D-AME588\_20163  
11288D-ARCH511\_20163  
29157D-ASTE470\_20163  
Please Select a Course

**DEN@Viterbi Tools**

Enrollments

- Request D-Clearance
- Check D-Clearance Status
- DEN Terms of Service

Profile

- Update Profile

To begin D-Clearance, Please select a term to apply for D Clearance

Summer 2019 Select Term

1. Login to DEN Desire2Learn: <http://courses.uscden.net>
2. Go to DEN@Viterbi Tools on the navigation bar
3. Select "Request D-clearance" link, select the term, and select a course
4. Approval process takes 1-2 business days. To view the status of a request, click on "Check D-Clearance Status"
5. You can register once your request has been processed. D-clearances expire **7 days** from when it is issued so register as soon as you obtain it to secure a seat in a course.

For questions on D-Clearance status, contact [den@vase.usc.edu](mailto:den@vase.usc.edu)

# Fall Semester Calendar

Aug. 19 Last day to register and settle without late fee for Session 001  
Aug. 22 Fall semester classes begin in Session 001  
Aug. 22-26 Late registration and change of schedule for Session 001  
Sept. 5 Labor Day, university holiday  
Sept. 9 Deadline for purchasing or showing proof of health insurance  
Sept. 9 Last day to register and add classes for Session 001  
Sept. 9 Last day to drop a class without a mark of "W," except for Monday-only classes, and receive a refund for Session 001  
Sept. 9 Last day to change enrollment option to audit for Session 001  
Sept. 9 Last day to purchase or waive tuition refund insurance for fall  
Sept. 13 Last day to drop a Monday-only class without a mark of "W" and receive a refund or to change to Pass/No Pass or Audit for Session 001  
Oct. 7 Last day to change a Pass/No Pass to a letter grade for Session 001  
Oct. 7 Last day to drop a course without a mark of "W" on the transcript only for Session 001  
Mark of "W" will still appear on student record and STARS report and tuition charges still apply.  
\*Please drop any course by the end of week three for Session 001 (or the 20 percent mark of the session in which the course is offered) to avoid tuition charges.

Oct. 13-14 Fall recess  
Nov. 11 Last day to drop a class with a mark of "W" for Session 001  
Nov. 11 Veterans Day, non-instructional day  
TBA For thesis/dissertation manuscript submission deadline, see [graduateschool.usc.edu/current-students/thesis-dissertation-submission/submission-deadlines/](https://graduateschool.usc.edu/current-students/thesis-dissertation-submission/submission-deadlines/)  
Nov. 23-27 Thanksgiving Break  
Dec. 2 Fall semester classes end  
Dec. 3-6 Study days  
Dec. 7-14 Final examinations  
Dec. 15-Jan. 8, 2023 Winter Recess

# Contact Info



## VITERBI ADMISSION & STUDENT ENGAGEMENT (VASE)

**Location:** Olin Hall of Engineering (OHE), Rm. 106

**Hours:** Mon. - Fri. 8:30 am - 5 pm (Pacific Time)

**Phone:** (213) 740-4488 | **Fax:** (213) 821-0851

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

DEN@Viterbi Support	Contact Information	Staff
Technical support, Desire2Learn training, Homework	<a href="mailto:dentsc@usc.edu">dentsc@usc.edu</a> 213-740-9356 <a href="https://viterbigrad.usc.edu/technical-support/">https://viterbigrad.usc.edu/technical-support/</a>	Daniel Cueva
DEN D-Clearance inquiries	<a href="mailto:den@vase.usc.edu">den@vase.usc.edu</a>	
Exams	<a href="mailto:denexam@usc.edu">denexam@usc.edu</a> 213-740-9356	Shirley Schutt
VASE Advisor	<a href="mailto:ptrinida@usc.edu">ptrinida@usc.edu</a>	Patty Rinehart
• General advisement	213-740-0116	
• Policies & Procedures		



## How to make an appointment with your academic advisor

### **For Chemical Engineering, Material Science & Petroleum students:**

MFD Student Affairs Office

Email: [mfdinfo@usc.edu](mailto:mfdinfo@usc.edu)

We-are-SC: <https://we-are.usc.edu/>

Viterbi Career Connections: <https://viterbicareers.usc.edu/>

Student Health Center: <https://studenthealth.usc.edu/>

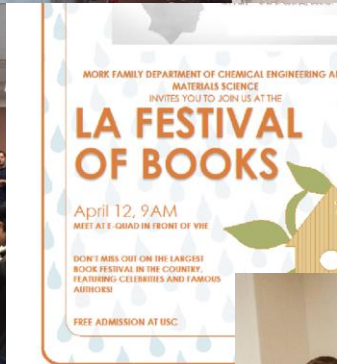
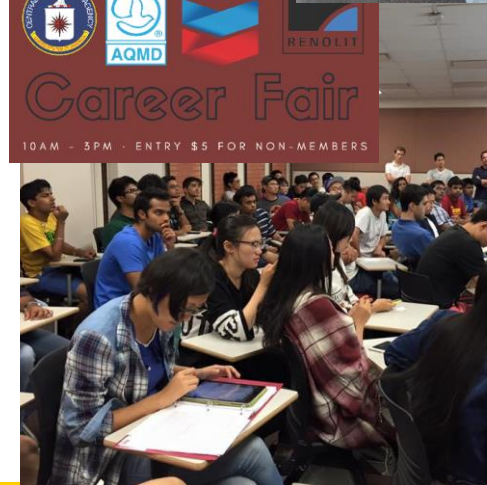
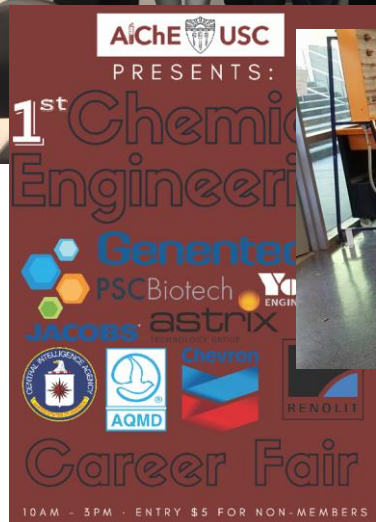
Kortschak Center: <https://kortschakcenter.usc.edu/>





# Get Connected

- Student groups- AIChE, MFD GSA, MRS@USC, SPE, and VGSA
  - Professional Conferences
  - Network Sessions
  - Study Groups
  - Career fairs
  - Faculty panels
  - Alumni Panels
  - Social Events
- Career Services
- VASE Office
- Check in with your advisors
- Research



**MORK FAMILY DEPARTMENT**

# ALUMNI PANEL

**14TH APRIL (THU)  
6-30 PM TO 8-30 PM  
LOCATION-EEB 248**

**GUEST SPEAKERS :**

**FRANK HE**  
PROJECT ENGINEER III AT JACOBS

**VAL LERMA**  
ENGINEERING MANAGER AT INTERACTPROJECTS

**LESSA GRUNENFELDER**  
LECTURER AT USC

• MORE ALUMNI SPEAKERS TO BE ANNOUNCED

FOR MORE INFO CONTACT: SYEDFARH@USC.EDU NALLA@USC.EDU



# THANK YOU!