A RECORDING OF THIS ONLINE ORIENTATION & PRESENTATION WILL BE AVAILABLE ON THE VASE WEBSITE

viterbigrad.usc.edu/academic-services/new-student-information
Sonny Astani Department of Civil & Environmental Engineering

DEN@Viterbi Orientation Spring 2021

Christine Hsieh
Associate Director of CEE Student Services
christine.hsieh@usc.edu
AGENDA

DEPARTMENT OVERVIEW

DEGREE REQUIREMENTS

COURSE REGISTRATION

GET CONNECTED
Affiliated Faculty

Lucio Soibelman
Professor & Chair

Burçin Becerik-Gerber
Professor
Director, CEE Graduate Programs
CEE DEPT OVERVIEW

> 24 Tenure/Tenure Track Faculty
> 40 Affiliated Faculty
70 PhDs
200 MS Students
Master of Science, Civil Engineering (MSCE)  
28 Units

- General
- Advanced Design & Construction Technology
- Construction Engineering & Management
- Structural Engineering
- Transportation Engineering
- Transportation Systems
- Water & Waste Management

Master of Science, Environmental Engr (MSENE)  
28 Units

Master of Construction Management (MCM)  
32 Units

Master of Transportation Systems Management  
35 Units
DEGREE REQUIREMENTS

catalogue.usc.edu

→ Graduate & Professional Programs

• Two-Thirds of Degree Credit Must Be At the 500-level or higher

• Continuous Enrollment (Fall/Spring)

• Complete Degree within 5 years
DEGREE REQUIREMENTS

GPA & Grades

- 3.0 Minimum GPA
- Grades of a C or higher can count toward a degree
- Pass/No Pass* do not count toward degree/graduation requirements
ACADEMIC INTEGRITY

CONSEQUENCES

You will earn an “F” in the class

- It will impact your GPA
- Fs appear on your transcript & cannot be removed

You can be suspended or expelled from USC

You Can Be Denied:

- Curricular Practical Training/Internship,
- Access to Viterbi Career Connected

Can Negatively Impact Job Opportunities
AVOID VIOLATIONS

Check With Your Professor
• If you’re unsure if something is considered cheating – ask your professor

When Collaborating
• Make sure the professor approves you to work on an assignment as a group

Don’t share/post your homework

Questions about Academic Integrity?
Viterbi Academic Integrity Officer:
Associate Professor Steve Bucher
sbucher@usc.edu
TRACKING YOUR DEGREE REQUIREMENTS

myusc.usc.edu

OASIS → STARS REPORT
Tracking Your Degree Requirements

Your STARS report can be found on my.usc.edu, OASIS
**STARS does not automatically update, but you can email your academic advisor once you complete your first semester of classes to request an update.**
HOW TO SELECT YOUR COURSES
STEP ONE: REVIEW PROGRAM REQUIREMENTS

cee.usc.edu/academics
What Do Civil & Environmental Engineers Do?

Our standard of living depends on our civil infrastructure, a sophisticated system of buildings, bridges, dams, airports, transportation networks, water and power distribution systems, and environmental protection systems.

Civil and environmental engineers are responsible for designing, maintaining and enhancing our civil infrastructure. They help to sustain the living standards and quality of life of the population. Civil engineers are also master builders. They create structures that stand as timeless symbols of our civilization. Environmental engineers identify and design solutions for problems involving the environment. To do so, they have to be broadly
Program Requirements

For Students Who Enrolled Fall 2019 or later

For detailed course information, please see the Course Catalogue. For a course schedule, please see the Schedule of Classes.

STUDENTS WHO STARTED THIS PROGRAM FALL 2019 OR LATER

- Complete minimum of 32 units. Some course combinations may add to more than 32 units.
- Up to four transfer graduate units may be accepted from an accredited institution with the approval of the Department.
- There is no thesis or comprehensive final examination requirement.
- At least 2/3 of the units applied to the degree must be at the 500-level or above. Learn more.

CORE Courses (16 units)

CE 501: Construction Practices (4 units)
CE 502: Construction Business (4 units)
CE 564: Construction Planning & Pre-Construction (4 units)
CE 569: Project Controls (4 units)

Electives

The rest of the units are from technical and advanced electives, selected with advisor approval.

Featured Spring Elective: CE 573: Advanced Technologies in AEC

CE 573 introduces students to the latest technology used in Architecture, Engineering and Construction (AEC). The course will prepare students to be leaders in the profession by introducing students to the technologies and topics professionals are addressing in the built environment. The course is structured around learning from professional practitioners. Students will develop an entrepreneurial project as a final project.

CE 412: Construction Contracts and Law (2 units)
CE 460: Construction Engineering (4 units)
CE 461: Construction Estimating (4 units)
CE 462: Construction Methods & Equipment (2 units)
CE 469: Sustainable Design & Construction (2 units)
CE 470: Building Information Modeling &

CE 505: Data Management (3 units)
CE 568: Fundamental Concepts of Computing & Programming in Civil & Environmental Engineering (2 units)
CE 573: Advanced Technologies in AEC Practices (4 units)
CE 574: Means & Methods (4 units)
CE 575: Sustainability & Well-Being & Innovation

ARCH 514L: Building Systems: Materials & Construction (4 units)
ARCH 513L: Seminar: Advanced Structures (2 units)
ARCH 515L: Seminar: Advanced Environmental Systems (4 units)
RED 510: Real Estate Practices & Principles (4 units)
GET PERMISSION TO TAKE COURSES THAT AREN’T LISTED ON THE PROGRAM PAGE
STEP TWO: REVIEW SCHEDULE OF CLASSES

CLASSES.USC.EDU
TYPICAL COURSE LOAD

Recommended Course Load
1 Class/Semester

Typical Program Length
4 years

Fulltime Enrollment
8 Units/Semester
Classes Offered

- Dornsife College of Letters, Arts and Sciences
- Leventhal School of Accounting
- Architecture
- Roski School of Art and Design
# CE 541: Dynamics of Structures (4.0 units)

Forced vibrations of discrete and distributed systems; energy methods; analytical dynamics; computational techniques; methods; random vibration concepts; nonstationary response; structural control; nonlinear system response.

**Restriction:** Registration open to the following class level(s): Doctoral Student, Masters Student

<table>
<thead>
<tr>
<th>Section</th>
<th>Session</th>
<th>Type</th>
<th>Time</th>
<th>Days</th>
<th>Registered</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>29781R</td>
<td>048</td>
<td>Lecture</td>
<td>1:30-4:50pm</td>
<td>Monday</td>
<td>6 of 30</td>
<td>Sami Masri</td>
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<td>034</td>
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<td>Monday</td>
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<td>Sami Masri</td>
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<tr>
<td>29788R</td>
<td>073</td>
<td>Lecture</td>
<td>1:30-4:50pm</td>
<td>Monday</td>
<td>7 of 30</td>
<td>Sami Masri</td>
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</tbody>
</table>

**Location:**
- OHE 100B & ONLINE
- DEN@Viterbi
- ONLINE
How To Request D-clearance From DEN

All DEN courses require D-clearance.

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
Financial Holds

Unpaid balances can result in:
• financial hold that restricts registration
• late fees on your account.

Any Questions Related to Tuition Should be Directed to Student Financial Services
Location: Jefferson Boulevard Parking Structure
Phone: 213-740-7471
Email: cashier@usc.edu

Advisors do not have access to financial information

Other Holds

ADM 20
• Conditional Admission - check your admission letter
• Does not restrict enrollment
• Email Christine Hsieh @ the END of the fall semester (christine.hsieh@usc.edu) to lift hold once you have satisfied the conditions

ADM 40
• Verify your prior degree
• Does not restrict enrollment
• Verify your degree by visiting https://arr.usc.edu/services/degree-progress/verification.html
ENROLLMENT DEADLINES

viterbigrad.usc.edu
&
classes.usc.edu
Classes Offered

- Dornsife College of Letters, Arts and Sciences
- Leventhal School of Accounting
- Architecture
- Roski School of Art and Design

Group by school  Show all programs  Sort by prefix
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>January 15</td>
<td>Last day to register and pay without late fee</td>
</tr>
<tr>
<td>January 15</td>
<td>Spring semester classes begin</td>
</tr>
<tr>
<td><strong>February 5</strong></td>
<td>Last day to drop a class <strong>without</strong> a mark of &quot;W,&quot; except for Monday-only classes, &amp; receive a 100% refund</td>
</tr>
<tr>
<td>February 5</td>
<td>Last day to register and add classes</td>
</tr>
<tr>
<td>February 5</td>
<td>Last day to change enrollment option to Pass/No Pass or Audit</td>
</tr>
<tr>
<td>February 5</td>
<td>Last day to purchase or waive tuition refund insurance</td>
</tr>
<tr>
<td>February 5</td>
<td>Deadline for purchasing or showing proof of health insurance</td>
</tr>
<tr>
<td><strong>March 5</strong></td>
<td>Last day to drop a course w/o a mark of W on transcript</td>
</tr>
<tr>
<td><strong>April 9</strong></td>
<td>Last day to drop a class w a mark of a W</td>
</tr>
<tr>
<td>April 30</td>
<td>Fall semester classes end</td>
</tr>
<tr>
<td><strong>May 5-12</strong></td>
<td>Final Exams</td>
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</table>
ADVISEMENT

myviterbi.usc.edu
ASK QUESTIONS

CEE Student Services
VASE Advisors
Faculty Advisors
Christine Hsieh
Associate Director,
CEE Student Services

christine.hsieh@usc.edu
FACULTY ADVISORS

MSCE Structural
Dr. Gregg Brandow
brandow@usc.edu

MSCE Construction Engr & Mgmt
Master in Construction Mgmt
Professor Henry Koffman
koffman@usc.edu
# 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/

<table>
<thead>
<tr>
<th>DEN@Viterbi Support</th>
<th>Contact Information</th>
<th>Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical support,</td>
<td><a href="mailto:dentsc@usc.edu">dentsc@usc.edu</a></td>
<td>Bianca Richter</td>
</tr>
<tr>
<td>Desire2Learn training,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Homework</td>
<td>213-740-9356</td>
<td></td>
</tr>
<tr>
<td>DEN d-clearance inquiries</td>
<td><a href="mailto:den@vase.usc.edu">den@vase.usc.edu</a></td>
<td>Shirley Schutt</td>
</tr>
<tr>
<td>Exams</td>
<td><a href="mailto:denexam@usc.edu">denexam@usc.edu</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>213-740-9356</td>
<td></td>
</tr>
<tr>
<td>VASE Advisor</td>
<td><a href="mailto:ptrinida@usc.edu">ptrinida@usc.edu</a></td>
<td>Patty Rinehart</td>
</tr>
<tr>
<td>• General advisement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Policies &amp; Procedures</td>
<td>213-740-0116</td>
<td></td>
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From Us
During peak times (first 3 weeks of the semester)

• Virtual “Drop-In” Advisement
  No Appt Necessary

After Feb 5th/ Week of Classes

• Virtual Appointments scheduled by email
• Virtual “Drop-In” advisement (No Appt Necessary) Hours TBD

What We Expect From You

• Check your email every day
• Include your USC ID, Degree Program & full name in all emails sent to your advisor
• Only email using your usc.edu email address
• When our communication requires a response, please reply within 3 business days
RESOURCES
SUPPORT

Campus Support & Intervention
• campussupport.usc.edu/students/

Academic Support
• USC Kortschak Center For Learning & Creativity (KCLC)
  kortschakcenter.usc.edu

On Demand Workshops
• Time Mgmt & Organization
• Reading tips
• Test Taking Tips
• Self-Care Tips
• Note Taking Tips…and more
GET CONNECTED

Student Organizations
cee.usc.edu/current-students/student-organizations

Jobs and Internships
Viterbi Career Connections
viterbicareers.usc.edu/students

Department Events
STAY INFORMED

• we-are.usc.edu/students/

• Viterbi Covid-19 Response
  https://viterbischool.usc.edu/covid-19-response/
QUESTIONS?

Please submit your questions via the chat function in Zoom.
REVIEW YOUR REQUIREMENTS

ONLY ENROLL IN CLASSES ON THE PROGRAM PAGE
During week 4 of the semester, we’re available for course planning and other questions. Make an appointment via myViterbi.

Appointments Will Be Set Up Via Zoom