Sonny Astani Department of Civil & Environmental Engineering

DEN@Viterbi Orientation Fall 2022
ACADEMIC ADVISEMENT

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

Emily Millard
Assistant Director, CEE Student Services
tmillard@usc.edu

Christine Hsieh
Associate Director, CEE Student Services
christine.hsieh@usc.edu
CEE DEPARTMENT OVERVIEW

Burçin Becerik-Gerber
Professor
Department Chair

Felipe de Barros
Professor
Director of CEE Graduate Programs
CEE DEPT OVERVIEW

Students

- Undergraduate: 170
- Masters: 160
- PhD: 70

Faculty

- Tenure Track: 24
- Full Time Teaching: 25
- Adjunct: 10
- Part Time: 5
Master of Science, Civil Engineering (MSCE)  
28 Units

Construction Engineering  
Structural Engineering

Master of Construction Management (MCM)  
32 Units
DEGREE REQUIREMENTS
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
• 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
ACADEMIC INTEGRITY

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
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
Tracking Your Degree Requirements

On-line Academic Student Information System

Course Information

Registered course List
Registered course(s), time, date and location for the three most recent semesters.

Book list
Lists all required and optional books that have been ordered through TrojanBookstores for the courses in which you are registered.

Enrollment history
Enrollment history including class level, enrollment status, units earned, program of study, etc.

Summary of Completed Courses
History of completed course(s) including units and grades.

Restrictions
Summary of active “holds,” description, and removal location/phone number and any mandatory advisement obligations, if any.

**STARS report**
Detailed listing of a student's degree requirements that have been met and those that remain to be fulfilled (if any).

STARS Interactive Audit Report
Provides a graphical representation of a student’s STARS report. Also provides the ability to plan future course registration to determine its impact on degree progress.

Grade Report
Grades for the current semester will post as professors submit them. You can check your grades on the Completed Course Summary page or on the Grade Report page.

Permit to register
Eligible students' registration appointment times.

**STARS does not automatically update, but you can email your academic advisor once you complete your first semester of classes to request an update.**
PROGRAM REQUIREMENTS

cee.usc.edu/academics
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 4121: 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 511L: 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
TYPICAL COURSE LOAD

Recommended Course Load: 4 Units/Semester

Typical Program Length: 4 years

Fulltime Enrollment: 8 Units/Semester
MASTERS CONSTRUCTION MANAGEMENT (MCM)

PROGRAM REQUIREMENTS (32 UNITS)

Core Courses (16 Units)
- CE 501: Construction Practices (4 units)
- CE 502: Construction Accounting, Finance and Strategy (4 units)
- CE 564: Construction Planning & Pre-Construction (4 units)
- CE 569: Project Controls (4 units)

Major-Related Electives (16 Units)

FALL DEN OPTIONS

Core Options
- CE 502: Construction Accounting, Finance and Strategy (4 units)
- CE 564: Construction Planning & Pre-Construction (4 units)

Electives
- CE 469: Sustainable Design & Construction (2 units)
- CE 574: Construction Means & Methods (4 units)
MSCE CONSTRUCTION ENGINEERING

PROGRAM REQUIREMENTS (28 UNITS)

Core Courses (12 Units)

CE 501: Construction Practices (4 units)
CE 502: Construction Accounting, Finance and Strategy (4 units)
CE 569: Project Controls (4 units)

Major-Related Electives (16 Units)

FALL DEN OPTIONS

Core Courses (12 Units)

CE 502: Construction Accounting, Finance and Strategy (4 units)

Electives

CE 469: Sustainable Design & Construction (2 units)
CE 574: Construction Means & Methods (4 units)
MSCE STRUCTURAL ENGINEERING

PROGRAM REQUIREMENTS
(28 UNITS)

Core Courses (12 Units)
- CE 507: Mechanics of Solids (4 units)
- CE 541: Dynamics of Structures (4 units)
- CE 599: UQ Concepts (2 units)
- CE 599: Data Analytics in Engineering (2 units)

Major-Related Electives (16 Units)

FALL DEN OPTIONS

Core Courses (12 Units)
- CE 507: Mechanics of Solids (4 units)
- CE 541: Dynamics of Structures (4 units)

Electives
- CE 546: Structural Mechanics of Composite Materials (4 units)
Classes Offered

- Dornsife College of Letters, Arts and Sciences
- Leventhal School of Accounting
- Architecture
- Roski School of Art and Design
- Arts, Technology and the Business of Innovation
## DEN VS ON CAMPUS SECTIONS

### CE 541: Dynamics of Structures (4.0 units)

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

**Restriction:** Registration open to the following class level(s): Doctoral Student, Master 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>
<th>Location</th>
<th>Syllabus</th>
<th>Info</th>
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<tbody>
<tr>
<td>29781R</td>
<td>048</td>
<td>Lecture</td>
<td>6:00-9:20pm</td>
<td>Tuesday</td>
<td>6 of 20</td>
<td>Abdel-Salam Niazy</td>
<td>OHE 100D</td>
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<tr>
<td>29782D</td>
<td>034</td>
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<td>6:00-9:20pm</td>
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<td>Abdel-Salam Niazy</td>
<td>DEN@Viterbi</td>
<td></td>
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Sections that end in “D” require D-Clearance

DEN@Viterbi = the DEN SECTION
# DEN VS ON CAMPUS SECTIONS

## Session Dates (session code 048)

<table>
<thead>
<tr>
<th>Item</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day of classes:</td>
<td>Monday, August 23, 2021</td>
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<tr>
<td>Last day to add:</td>
<td>Friday, September 10, 2021</td>
</tr>
<tr>
<td>Last day to drop without a mark of &quot;W&quot; and receive a refund:</td>
<td>Friday, September 10, 2021</td>
</tr>
<tr>
<td>Last day to withdraw without a “W” on transcript or change pass/no pass to letter grade:</td>
<td>Friday, October 8, 2021</td>
</tr>
<tr>
<td>Last day to drop with a mark of &quot;W&quot;:</td>
<td>Friday, November 12, 2021</td>
</tr>
<tr>
<td>Last day of classes:</td>
<td>Friday, December 3, 2021</td>
</tr>
<tr>
<td>End of session:</td>
<td>Wednesday, December 15, 2021</td>
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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
ENROLLMENT HOLDS
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

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
ENROLLMENT DEADLINES

viterbigrad.usc.edu
&
classes.usc.edu
FA

Aug. 19     Last day to register and settle without late fee
Aug. 22     Fall semester classes begin
Sept. 9     Last day to register and add classes
            Last day to drop a class without a mark of “W,” except
            for Monday-only classes, and receive a refund
Sept. 13    Last day to drop a Monday-only class without a mark of “W”
            and receive a refund
Oct. 7      Last day to drop a course without a mark of “W” on the
            transcript only
            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 (or the 20
            percent mark of the session in which the course is offered) to avoid
            tuition charges.
Nov. 11     Last day to drop a class with a mark of “W”
Dec. 2      Fall semester classes end
Dec. 7-14   Final examinations
ADVISEMENT

myviterbi.usc.edu
ASK QUESTIONS

CEE Student Services
VASE Advisors
Faculty Advisors
ACADEMIC ADVISEMENT

Christine Hsieh
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CEE Student Services
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Emily Millard
Assistant Director,
CEE Student Services
tmillard@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/](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, Desire2Learn training, Homework</td>
<td><a href="mailto:dentsc@usc.edu">dentsc@usc.edu</a></td>
<td>Bianca Richter</td>
</tr>
<tr>
<td>DEN d-clearance inquiries</td>
<td><a href="mailto:den@vase.usc.edu">den@vase.usc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Exams</td>
<td><a href="mailto:denexam@usc.edu">denexam@usc.edu</a></td>
<td>Shirley Schutt</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>213-740-0116</td>
<td></td>
</tr>
<tr>
<td>• Policies &amp; Procedures</td>
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**From Us**
During peak times (first 3 weeks of the semester)

- Virtual “Drop-In” Advisement

**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
RESOURCES
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

CEE Student Organizations

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

Department Events
QUESTIONS?

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

ONLY ENROLL IN CLASSES ON THE PROGRAM PAGE