AGENDA

DEPARTMENT OVERVIEW

DEGREE REQUIREMENTS

COURSE REGISTRATION

GET CONNECTED
Christine Hsieh
Associate Director,
CEE Student Services

christine.hsieh@usc.edu
CEE DEPARTMENT OVERVIEW

Burçin Becerik-Gerber
Professor & Chair

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

> 26 Tenure/Tenure Track Faculty

> 40 Affiliated Faculty

70 PhDs

200 MS Students

150 Undergraduates
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
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
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
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
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 541: Building Systems: Materials & Construction (4 units)
ARCH 543: Seminar: Advanced Structures (2 units)
ARCH 545: 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
- Fulltime Enrollment: 8 Units/Semester
- Typical Program Length: 4 years
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)
- **CE 469**: Sustainable Design & Construction (2 units)
- **CE 470**: Building Information Modeling & Integrated Practice (4 units)
- **CE 574**: Construction Means & Methods (4 units)

FALL DEN OPTIONS

Core Fall 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 470**: Building Information Modeling & Integrated Practice (4 units)
- **CE 574**: Construction Means & Methods (4 units)
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)

- **CE 469**: Sustainable Design 
- **CE 470**: Building Information Modeling & Integrated Practice (4 units)
- **CE 574**: Construction Means & Methods (4 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 470**: Building Information Modeling & Integrated Practice (4 units)
- **CE 574**: Construction Means & Methods (4 units)
MSCE Construction Structural Engineering

Program Requirements (28 Units)

Core Courses (8 Units)
- CE 529: Finite Element Analysis
- CE 541: Dynamics of Structures

Fall Den Options

Core Courses (12 Units)
- CE 529: Finite Element Analysis
- CE 541: Dynamics of Structures
## Classes Offered

<table>
<thead>
<tr>
<th>Group by School</th>
<th>Show All Programs</th>
<th>Sort by Prefix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Medicine</td>
<td>Accounting</td>
<td>Advanced Dental Education Conjoint Program</td>
</tr>
<tr>
<td>Accounting</td>
<td>Aerospace and Mechanical Engineering</td>
<td>Aerospace Studies</td>
</tr>
<tr>
<td>Advanced Dental Education Conjoint Program</td>
<td>American Language Institute</td>
<td>American Studies and Ethnicity</td>
</tr>
<tr>
<td>Aerospace Studies</td>
<td>Anesthesiology</td>
<td></td>
</tr>
</tbody>
</table>
## 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>
</tr>
</thead>
<tbody>
<tr>
<td>29781R</td>
<td>048</td>
<td>Lecture</td>
<td>12:00-3:20pm</td>
<td>Monday</td>
<td>12 of 30</td>
<td>Sami Masri</td>
<td>RTH 217</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29782D</td>
<td>034</td>
<td>Lecture</td>
<td>12:00-3:20pm</td>
<td>Monday</td>
<td>3 of 10</td>
<td>Sami Masri</td>
<td>DEN@Viterbi</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sections that end in “D” require D-Clearance

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

CE 541: Dynamics of Structures (4.0 units)

Forced vibrations of discrete and distributed systems; energy methods; random vibration concepts; nonstationary response;

**Restriction:** Registration open to the following class level(s):

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<td>29782D</td>
<td>034</td>
</tr>
</tbody>
</table>

Session Dates (session code 048)

- **First day of classes:** Monday, August 23, 2021
- **Last day to add:** Friday, September 10, 2021
- **Last day to drop without a mark of “W” and receive a refund:** Friday, September 10, 2021
- **Last day to withdraw without a “W” on transcript or change pass/no pass to letter grade:** Friday, October 8, 2021
- **Last day to drop with a mark of “W”:**
- **Last day of classes:** Friday, December 3, 2021
- **End of session:** Wednesday, December 15, 2021
How To Request D-clearance From DEN

All DEN courses require D-clearance.

1. Login to DEN Desire2Learn: [http://courses.uscden.net](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)
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
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
- Arts, Technology and the Business of Innovation
- Bovard College

Additional links:
- Registration Calendar
- Session Codes
- Final Examinations Schedule
- General Education
  - GE Requirements for Students Beginning College Before Fall 2015
  - Diversity Courses
  - GE Requirements for Students Beginning College in Fall 2015 or Later
- Community-Based Learning Courses
- Courses of Interest
- Roadmap to Registration
  - Registration Basic Steps and Instructions
- General Registration Information
## FALL CALENDAR

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>August 20</strong></td>
<td>Last day to register and pay without late fee</td>
</tr>
<tr>
<td>August 23</td>
<td>Fall semester classes begin</td>
</tr>
<tr>
<td><strong>September 10</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>September 10</td>
<td>Last day to register and add classes</td>
</tr>
<tr>
<td>September 10</td>
<td>Last day to change enrollment option to Pass/No Pass or Audit</td>
</tr>
<tr>
<td>September 10</td>
<td>Last day to purchase or waive tuition refund insurance</td>
</tr>
<tr>
<td>September 10</td>
<td>Deadline for purchasing or showing proof of health insurance</td>
</tr>
<tr>
<td><strong>October 8</strong></td>
<td>Last day to drop a course w/o a mark of W on transcript</td>
</tr>
<tr>
<td><strong>November 12</strong></td>
<td>Last day to drop a class w a mark of a W</td>
</tr>
<tr>
<td>December 3</td>
<td>Fall semester classes end</td>
</tr>
<tr>
<td>December 8-15</td>
<td>Final Exams</td>
</tr>
</tbody>
</table>
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/](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>
</tbody>
</table>
| VASE Advisor  
  • General advisement  
  • Policies & Procedures | [ptrinida@usc.edu](mailto:ptrinida@usc.edu) | Patty Rinehart |
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

• 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
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
STAY INFORMED

• [we-are.usc.edu/students/](we-are.usc.edu/students/)

• Viterbi Covid-19 Response
  [https://viterbischool.usc.edu/covid-19-response/](https://viterbischool.usc.edu/covid-19-response/)