AGENDA

DEPARTMENT

OVERVIEW

DEGREE

REQUIREMENTS

COURSE

REGISTRATION

GET CONNECTED
CEE Department @ a Glance

Dr. Lucio Soibelman
Professor & Chair

Dr. Burçin Becerik-Gerber
Professor
Director, CEE Graduate Programs
DEGREE REQUIREMENTS
Graduation Requirements

2/3 Rule
@ the 500-level or above

3.0 GPA MINIMUM
Program Overview

Recommended Course Load
1 Classes/Semester

Fulltime Enrollment
8 Units/Semester

Typical Program Length
4 years
Graduation Requirements

Continuous Enrollment

Enroll every fall and spring semester
- Summer Optional

Leave of Absence (LOA)
- Request LOA before Friday of Week 3 of a semester by emailing your academic advisor (Christine Hsieh)
- **ALWAYS** request an LOA if you need time off

If you don’t enroll/have LOA → apply for re-admission to the program

How Long Do you have to Complete Your Degree?

5 years to complete your degree

International Students → see your I-20 for your time limit
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.**
ACADEMIC EXPECTATIONS
ACADEMIC EXPECTATIONS

Good Academic Standing

- Maintain a cumulative 3.0 GPA (“B” Avg.) overall and in applied coursework

Need Help?

- Kortshack Center for Learning & Creativity
  - kortschakcenter.usc.edu
- Faculty & Teaching Assistants
- Verify how much peer to peer collaborations is acceptable
Academic Integrity Violation

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 Academic Integrity 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

Don’t try to cheat the system – you’ll get caught!

Questions about Academic Integrity?
Viterbi Academic Integrity Officer: Associate Professor Steve Bucher
sbucher@usc.edu
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 468: Construction Estimating (4 units)
CE 462: Construction Methods & Equipment (2 units)
CE 463: 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 511: Building Systems: Materials & Construction (4 units)
ARCH 513: Seminar: Advanced Structures (2 units)
ARCH 515: Seminar: Advanced Environmental Systems (4 units)
RED 510: Real Estate Practices & Principles (4 units)
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 501L: Construction Practice (4 units)
CE 502L: Site Planning & Building Design
CE 564L: Construction Planning & Project Controls (4 units)
CE 569: Project Controls (4 units)

Electives

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

Required String Elective: CE 573: Advanced Technologies in AEC

CE 573 introduces students to the latest trends in AEC technologies, engineering, and building technology. The course will prepare students to be leaders in the profession by introducing students to the technical developments that are shaping the industry. 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 463: Sustainable Design & Construction (2 units)
CE 470: Building Information Modeling &

CE 505: Data Management (3 units)
CE 508: 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
STEP TWO: REVIEW SCHEDULE OF CLASSES

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
- Marshall School of Business

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
- Enrollment/Registration
- Academic Advising
CE 466: Design of Free-Surface Hydraulic Systems (3.0 units)

CE 467L: Geotechnical Engineering (4.0 units)

Fundamentals of geotechnical engineering; soil classification, seepage, stress-strain behavior, shear strength, consolidation, design of retaining structures and foundations, and slope stability. Soil testing. Duplicates credit in CE 464 and CE 468.

Prerequisite: CE 225

Note: Register for lecture and one lab

<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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<tr>
<td>29675R</td>
<td>001</td>
<td>Lecture</td>
<td>11:00-12:20pm</td>
<td>Tue, Thu</td>
<td>31 of 40</td>
<td>Amy Rechenmacher</td>
<td>DRB 146</td>
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<tr>
<td>29671R</td>
<td>001</td>
<td>Lab</td>
<td>12:30-2:20pm</td>
<td>Tuesday</td>
<td>9 of 9</td>
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<td>KAP B38</td>
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<td>29673R</td>
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<td>Lab</td>
<td>3:30-5:20pm</td>
<td>Thursday</td>
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<td></td>
<td>KAP B38</td>
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<tr>
<td>29820R</td>
<td>001</td>
<td>Lab</td>
<td>9:00-10:50am</td>
<td>Wednesday</td>
<td>4 of 9</td>
<td></td>
<td>KAP B38</td>
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<td>29876R</td>
<td>001</td>
<td>Lab</td>
<td>1:00-2:50pm</td>
<td>Wednesday</td>
<td>9 of 9</td>
<td></td>
<td>KAP B38</td>
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<td>29877R</td>
<td>001</td>
<td>Lab</td>
<td>10:00-11:50am</td>
<td>Friday</td>
<td>0 of 9</td>
<td></td>
<td>KAP B38</td>
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</table>

CE 470: Building Information Modeling and Integrated Practice (3.0 units)

Building Information Modeling, current BIM technologies; coordination of design and construction; information management throughout building life cycle; project delivery systems and technologies for integrated practice.

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<tr>
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<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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<td>29678D</td>
<td>001</td>
<td>Lecture</td>
<td>2:00-4:50pm</td>
<td>Monday</td>
<td>21 of 29</td>
<td>Burcin Becerik</td>
<td>RTH 109</td>
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<tr>
<td>29679D</td>
<td>014</td>
<td>Lecture</td>
<td>2:00-4:50pm</td>
<td>Monday</td>
<td>6 of 10</td>
<td>Burcin Becerik</td>
<td>DEN@Viterbi</td>
<td></td>
<td></td>
</tr>
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</table>
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
# 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>Rebecca Lee</td>
</tr>
<tr>
<td>Den clearance inquiries</td>
<td><a href="mailto:den@vase.usc.edu">den@vase.usc.edu</a></td>
<td>Bianca Richter</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 |
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 (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

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
- Marshall School of Business
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>Jan. 10</td>
<td>Last day to register and pay without late fee</td>
</tr>
<tr>
<td>Jan. 13</td>
<td>Spring semester classes begin</td>
</tr>
<tr>
<td>Jan. 13-17</td>
<td>Late registration and change of program</td>
</tr>
<tr>
<td>Jan. 20</td>
<td>Martin Luther King Day, University holiday</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>Last day to drop a class without a mark of &quot;W,&quot; except for Monday-only classes, and receive a 100% refund</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>Last day to register and add classes</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>Last day to change enrollment option to Pass/No Pass or Audit</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>Last day to purchase or waive tuition refund insurance</td>
</tr>
<tr>
<td>Jan. 31</td>
<td>Deadline for purchasing or showing proof of health insurance</td>
</tr>
<tr>
<td>Date</td>
<td>Event</td>
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<tr>
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</tr>
<tr>
<td>Feb. 4</td>
<td>Last day to drop a <strong>Monday-only class</strong> without a mark of “W” and receive a 100% refund or change to Pass/No Pass or Audit</td>
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<tr>
<td>Feb. 18</td>
<td>President’s Day, University Holiday</td>
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<tr>
<td><strong>Feb. 28</strong></td>
<td><strong>Last day to drop a class without a mark of “W”</strong> (no refund)</td>
</tr>
<tr>
<td>March 15-22</td>
<td>Spring Recess</td>
</tr>
<tr>
<td>April 3</td>
<td>Last day to drop a class <strong>with</strong> a mark of “W”</td>
</tr>
<tr>
<td>May 1</td>
<td>Spring semester classes end</td>
</tr>
<tr>
<td>May 2-5</td>
<td>Study days</td>
</tr>
<tr>
<td>May 6-13</td>
<td>Final examinations</td>
</tr>
<tr>
<td>May 14</td>
<td>Spring semester ends</td>
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<tr>
<td>May 15</td>
<td>Commencement</td>
</tr>
<tr>
<td>May 20</td>
<td>Summer 2020 classes begin</td>
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</table>

Please see the complete calendar at [http://classes.usc.edu/term-20201calendar/](http://classes.usc.edu/term-20201calendar/)
• Make appointments to meet with Christine via MyViterbi
  • Phone Appointments

• ALWAYS include your USC ID

• Read and Respond to your email promptly
FACULTY ADVISORS

MSCE Structural
Dr. Gregg Brandow
brandow@usc.edu

MSCE Construction Engr & Mgmt
Master in Construction Mgmt
Professor Henry Koffman
koffman@usc.edu
What You Can Expect From Us
• During peak times (first 3 weeks of the semester), advisors are available in-person via walk-in hours
• After the third week of school, we’re available for one-on-one appointments scheduled via MyViterbi (if you’re a DEN student, you can choose to do an in-person appointment or phone appointment)

What We Expect From You
• Check your email every day
• **Include your USC ID and 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 2 business days
During week 4 of the semester, I am available for course planning and other questions. Make an appointment via myViterbi.

Please include your phone number in the comments when making an appointment.
RESOURCES
SUPPORT

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

Academic Support
• USC Kortschak Center For Learning & Creativity
• kortschakcenter.usc.edu/programs-services/
• 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
On-Campus Holiday Party in Dec
Football Tailgate (Fall Semester)