

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

viterbigrad.usc.edu/academic-services/new-student-information

USC Viterbi
School of Engineering
Graduate and
Professional Programs

Sonny Astani Department of Civil & Environmental Engineering

DEN@Viterbi Orientation Spring 2021

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

A photograph of the USC Viterbi building at dusk. The building is a large, multi-story structure with a prominent brick facade on the left side and a lighter-colored facade on the right. The brick wall features the "USC Viterbi" logo in large, metallic letters. In the foreground, there is a paved plaza with several tables and chairs, some under red umbrellas. A person is walking with a bicycle in the distance. A fountain is visible in the bottom right corner. The sky is a mix of blue and orange from the setting sun.

AGENDA

**DEPARTMENT
OVERVIEW**

**DEGREE
REQUIREMENTS**

**COURSE
REGISTRATION**

GET CONNECTED

CEE DEPARTMENT OVERVIEW



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

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 Opportunitie



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



**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

 Customize




myUSC

 Services

 EDIT WIDGET

 USC N

 Syllabus Updater
for Schedule of Classes

 Office 365

 Grading and Rosters
for instructors


 Blackboard
online learning

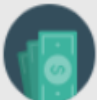
 Courses

 Web Registration

 OASIS
academic records

 Gmail

 Undergraduate Advisement

 Pay My Bill
e.Pay

Your STARS
report can be
found on
my.usc.edu,
OASIS

The study also rou

USC undergra
student rocket

MAY 22

The USC Rocket P

Tracking Your Degree Requirements

On-line Academic Student Information System



Course Information

Financial Information

Course Transfer

Record Ordering Services

Other Services

Logout



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**

HOW TO SELECT YOUR COURSES

**STEP ONE: REVIEW
PROGRAM REQUIREMENTS**

cee.usc.edu/academics

cee.usc.edu/academics

Clean Water and Sanitation For All

Tranice Warner, a USC Viterbi Ph.D. student, receives National Science Foundation Graduate Research Fellowship to pursue her research in wastewater treatment

[Read More](#)

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

Civil & Environmental Engineering @SC



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 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
COURSESES 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

USC Schedule of Classes



Spring 2021

registration begins

10/26

classes begin

1/15

Select a program



See another ter



search programs or classes



- ▶ [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](#)

Classes Offered

group by school

show all programs

sort by prefix

+ Dornsife College of Letters, Arts and Sciences

+ Leventhal School of Accounting

+ Architecture

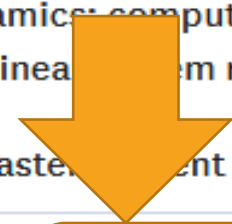
+ Roski School of Art and Design

DEN, HYBRID & ONLINE COURSES

CE 541: Dynamics of Structures (4.0 units)

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

Restriction: Registration open to the following class level(s): Doctoral Student, Master's Student



Section	Session	Type	Time	Days	Registered	Instructor	Location
29781R	048	Lecture	1:30-4:50pm	Monday	6 of 30	Sami Masri	OHE 100B & ONLINE
29782R	034	Lecture	1:30-4:50pm	Monday	0 of 10	Sami Masri	DEN@Viterbi
29788R	073	Lecture	1:30-4:50pm	Monday	7 of 30	Sami Masri	ONLINE

How To Request D-clearance From DEN

All DEN courses require D-clearance.

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

Enrollments

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

Profile

- Update F

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

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

USC Schedule of Classes



Spring 2021

registration begins

10/26

classes begin

1/15

Select a program ▾

See another ter ▾

search programs or classes



- ▶ **Registration Calendar**
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- ▶ **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**

Classes Offered

group by school

show all programs

sort by prefix

+ Dornsife College of Letters, Arts and Sciences

+ Leventhal School of Accounting

+ Architecture

+ Roski School of Art and Design

SPRING CALENDAR

January 15

Last day to register and pay without late fee

January 15

Spring semester classes begin

February 5

Last day to drop a class without a mark of "W," except for Monday-only classes, & receive a 100% refund

February 5

Last day to register and add classes

February 5

Last day to change enrollment option to Pass/No Pass or Audit

February 5

Last day to purchase or waive tuition refund insurance

February 5

Deadline for purchasing or showing proof of health insurance

March 5

Last day to drop a course w/o a mark of W on transcript

April 9

Last day to drop a class w a mark of a W

April 30

Fall semester classes end

May 5-12

Final Exams

ADVISEMENT

myviterbi.usc.edu

ASK QUESTIONS

CEE Student Services

VASE Advisors

Faculty Advisors



ACADEMIC
ADVISEMENT



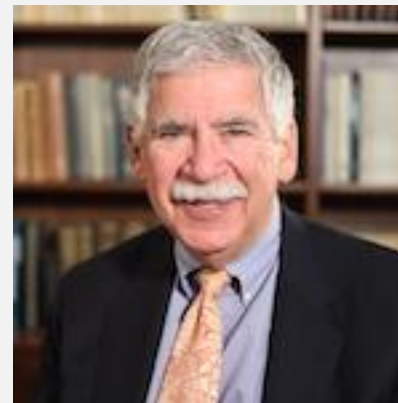
Christine Hsieh
Associate Director,
CEE Student Services

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)

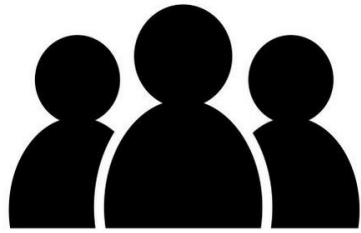
Location: Olin Hall of Engineering (OHE), Rm. 106

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

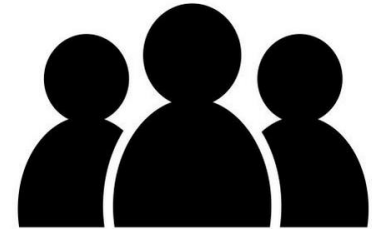
Phone: (213) 740-4488 | **Fax:** (213) 821-0851

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

DEN@Viterbi Support	Contact Information	Staff
Technical support, Desire2Learn training, Homework	dentsc@usc.edu 213-740-9356	Bianca Richter
DEN d-clearance inquiries	den@vase.usc.edu	
Exams	denexam@usc.edu 213-740-9356	Shirley Schutt
VASE Advisor	ptrinida@usc.edu	Patty Rinehart
<ul style="list-style-type: none">• General advisement• Policies & Procedures	213-740-0116	



ADVISEMENT



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.



The image shows a screenshot of the myViterbi website. At the top left is the myViterbi logo. To the right of the logo is a link that says "Switch to Faculty". Below this is a dark red rounded rectangular button labeled "Announcements". Underneath the button is a yellow rounded rectangular header. Below the header is a list of services, with the second item, "Advisement Appointment System", highlighted in yellow.

myViterbi

Switch to Faculty

Announcements

- Academic Integrity Introduction
- **Advisement Appointment System**
- D-Clearance and Pre-Requisite Waiver Request Manager
- Directed Research
- Grader Application
- Instructional Software Distribution
- ITP Specialization Certificate Order Form
- Learning Environment Services Manager
- Placement Exam Registration (EE)
- Progressive Degree Program
- VARC Tutoring Appointment Manager

Appointments Will Be Set Up Via Zoom