Sonny Astani Department of Civil & Environmental Engineering

DEN@Viterbi Orientation Fall 2022

ceedept@usc.edu

AGENDA

DEPARTMENT OVERVIEW

DEGREE REQUIREMENTS

COURSE REGISTRATION

GET CONNECTED

ACADEMIC ADVISEMENT

Emily Millard
Assistant Director,
CEE Student Services

tmillard@usc.edu

Christine Hsieh
Associate Director,
CEE Student Services

christine.hsieh@usc.edu

CEE DEPARTMENT OVERVIEW

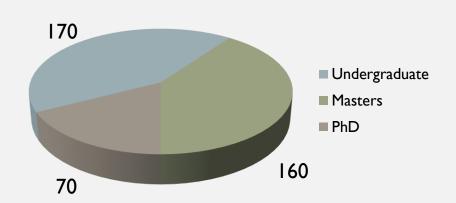**Burçin Becerik-Gerber**
Professor
Department Chair

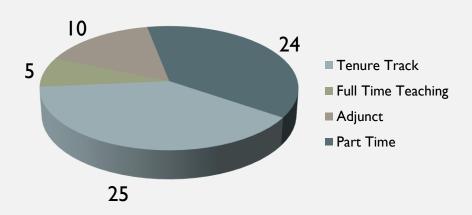**Felipe de Barros**
Professor
Director of CEE Graduate Programs

CEE DEPT OVERVIEW

Students

- Undergraduate
- Masters
- PhD

170
160
70

Faculty

- Tenure Track
- Full Time Teaching
- Adjunct
- Part Time

10
5
24
25

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

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

ACADEMIC INTEGRITY

AVOID VIOLATIONS

Check With Your Professor

- If you're unsure if something is considered cheating – <u>ask your professor</u>

When Collaborating

- Make sure the professor approves you to work on an assignment as a group
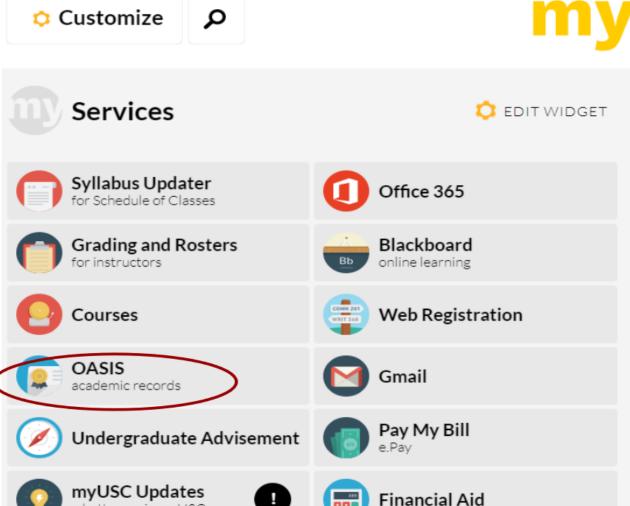
Don't share/post your homework

TRACKING YOUR DEGREE REQUIREMENTS

myusc.usc.edu
OASIS → STARS REPORT

Tracking Your Degree Requirements

myUSC

☼ Customize 🔍

my Services ☼ EDIT WIDGET

NEWS **USC N**

📄 **Syllabus Updater** for Schedule of Classes	**Office 365**
📋 **Grading and Rosters** for instructors	**Bb Blackboard** online learning
🔔 **Courses**	**Web Registration**
🏅 **OASIS** academic records	✉ **Gmail**
🧭 **Undergraduate Advisement**	💵 **Pay My Bill** e.Pay
💡 **myUSC Updates** what's new in myUSC ❗	🧮 **Financial Aid**

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

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USC undergra student rocket

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The USC Rocket P

Improved air q developing ast

Tracking Your Degree Requirements

On-line Academic Student Information System

USC University of Southern California

Course Information   Financial Information   Course Transfer   Record Ordering Services   Other Services   Logout

askUSC Knowledge Base   Start Here

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
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 505: Data Management (3 units)	ARCH 511L: Builiding Systems: Materials & Construction (4 units)
CE 460: Construction Engineering (4 units)	CE 568: Fundamental Concepts of Computing & Programming in Civil & Environmental Engineering (2 units)	ARCH 513L: Seminar: Advanced Structures(2 units)
CE 461: Construction Estimating (4 units)		
CE 462: Construction Methods & Equipment (2 units)	CE 573: Advanced Technologies in AEC Practices (4 units)	ARCH 515L: Seminar: Advanced Environmental Systems (4 units)
CE 469: Sustainable Design & Construction (2 units)	CE 574: Means & Methods (4 units)	RED 510: Real Estate Practices & Principles (4 units)
CE 470: Building Information Modeling &	CE 575: Sustainability & Well-Being & Innovation	

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)

SCHEDULE OF CLASSES

CLASSES.USC.EDU

CLASSES.USC.EDU

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

Section	Session	Type	Time	Days	Registered	Instructor	Location	Syllabus	Info
29781R	048	Lecture	6:00-9:20pm	Tuesday	6 of 20	👤 Abdel-Salam Niazy	🖼 OHE 100D		📇 📚
29782D	034	Lecture	6:00-9:20pm	Tuesday	0 of 20	👤 Abdel-Salam Niazy	DEN@Viterbi		📇 📚

Sections that end in "D" require D-Clearance

DEN@Viterbi = the DEN SECTION

DEN VS ON CAMPUS SECTIONS

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":	Friday, November 12, 2021
Last day of classes:	Friday, December 3, 2021
End of session:	Wednesday, December 15, 2021

CE 54

Forced
metho
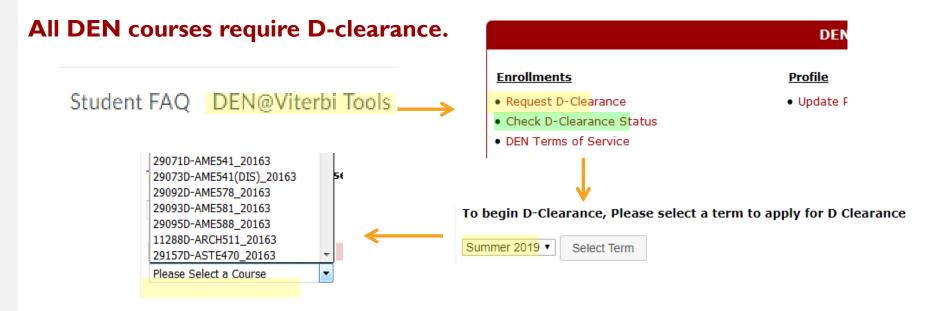
tical dynamics; computational techniques; approxi
trol; nonlinear system response.

Re

Section			Syllabus	Info
29781R	bdel-Salam Niazy	UHE 100D		
29782D	bdel-Salam Niazy	DEN@Viterbi		

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

USC Schedule of Classes

USC University of Southern California

Fall 2022

registration begins
3/28

classes begin
8/22

Select a program ⬍

See another term ⬍

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

Courses of Interest

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**

FALL CALENDAR

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
Associate Director,
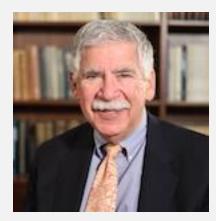CEE Student Services

christine.hsieh@usc.edu

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/

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 • **General advisement** • **Policies & Procedures**	ptrinida@usc.edu 213-740-0116	Patty Rinehart

ADVISEMENT

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

SUPPORT

Campus Support & Intervention

- campussupport.usc.edu/students/
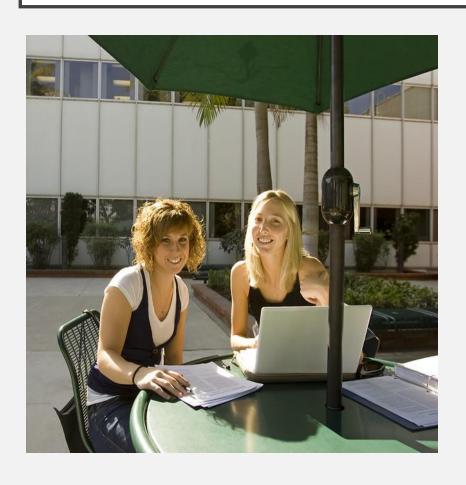

Academic Support

- 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

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