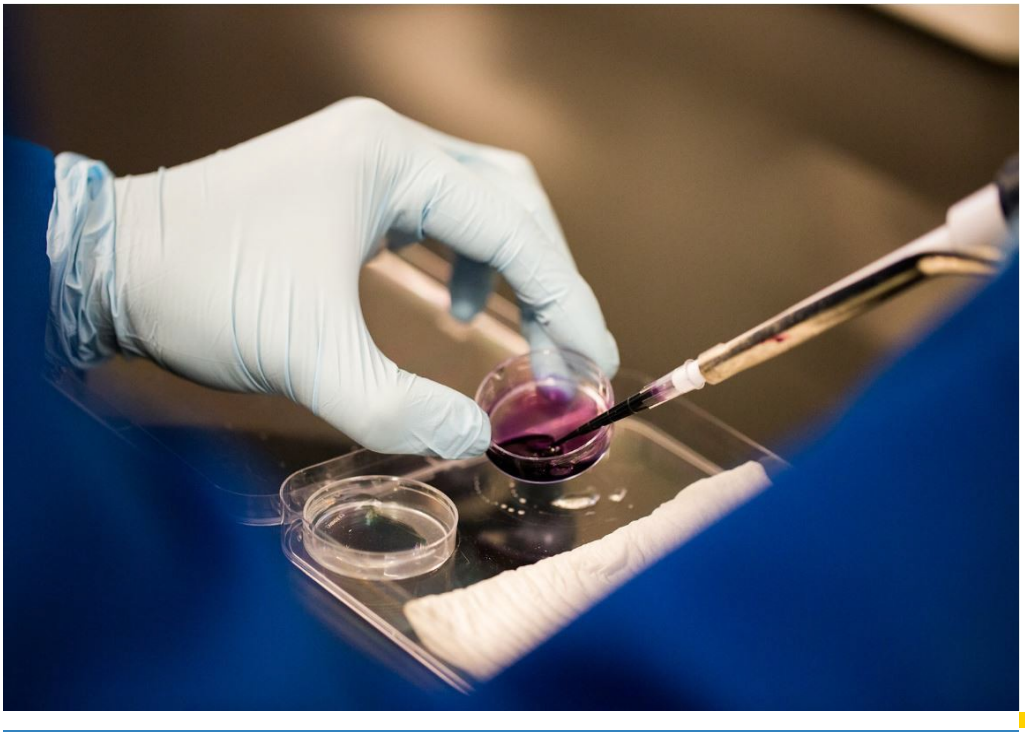


Engineer Change.

2021-2022

BE THE BEST ENGINEER YOU CAN BE!

ENGINEERING ORIENTATION HANDBOOK

UCLA Samueli School of Engineering

Office of Academic and Student Affairs (OASA)

The Office of Academic and Student Affairs provides academic advising and counseling for engineering undergraduate students. Our counseling and advising services include guidance with policies and procedures, advice on curriculum requirements, identification of resources for tutoring and study skill improvement, and the review of petitions.

Why should I see an academic advisor?

- Academic Advising
- Course Planning/ Degree Audits
- Having academic difficulties.
- I need to submit a petition.
- Having health and wellness issues that affect my ability to perform well in courses.
- I need help locating resources on campus.
- Internships
- Scholarships
- Graduation
- Change of Major

OASA plays a central role in the admission of engineering undergraduates to UCLA, and welcomes and advises admitted students.
We provide regular change of major workshops to guide students through this process.
We also help direct engineering students to internship opportunities.
OASA works with the Office of External Affairs to publicize the large number of scholarships available to engineering students. Many of these scholarships are also administered by OASA.
For students approaching graduation, OASA provides a degree audit to clarify exactly which requirements remain to be fulfilled for degree completion. Students should be sure they understand this mandatory process at least two quarters prior to their degree expected term.
OASA also works with the numerous engineering student organizations.

APPOINTMENTS

To schedule an appointment:
call (310) 825-9580
or stop by 6426 Boelter Hall

Walk in Appointments: Wednesdays: 9:00 a.m. – 11:30 a.m. Thursdays: 1:00 p.m. – 4:00 p.m.
Adjusted hours during summer orientation

CONTACT HOURS

(Office hours may be adjusted due to holiday closures and staff meetings; it is advisable to call the office to verify hours before coming in) M, W, F – 8:00 a.m. – 5:00 p.m. (Closed 12 noon – 1:00 p.m.) T, Th – 9:00 a.m. – 5:00 p.m. (Closed 12 noon – 1:00 p.m.) *www.seasoasa.ucla.edu*

ENROLLMENT

Students can use the MyUCLA Class Planner to formulate several alternative study list plans in case first-choice classes are not available. Students should not choose classes with the same final examination code, or select classes that have conflicting meeting times or multiple same-day final examinations. If conflicts are unavoidable, students should consult the instructor of each course at the first class meeting to see if it is possible to work out an arrangement.

FIRST AND SECOND PASS ENROLLMENT

Each student is assigned an enrollment time based on the number of units the student has. First pass allows students to enroll in up to 10 units. Second Pass allows students to enroll in up to study list maximum. Second pass begins after first pass has finished for all students.

Enrollment Consideration Request (ECR)

The ECR serves as a backup if the course and the waitlist for a course are full. If a course no longer has any more space and you still want to take it, then please submit an ECR. If a course has space but you can't enroll due to enrollment restrictions wait until second pass and try again. If you still can't get in the course second pass please submit an ECR. You only need to submit the ECR once per course. Submitting the ECR does not guarantee enrollment. The ECR can be found On OASA's home webpage (seasoasa.ucla.edu).

PASSED/NOT PASSED (P/NP) ELIGIBILITY

Required courses and major electives for all Samueli Engineering majors must be taken for a letter grade (unless the course is graded P/NP only).
GE courses may be taken P/NP unless the course is offered for a letter grade only. A student may take one course, maximum 5 units, per quarter on a P/NP basis if the student meets all the following conditions:

1. In good academic standing (2.0 or higher term and cumulative GPA)

2. Enrolled in at least 9 graded units for the quarter. Not including the course to be taken on a P/NP basis

3. Has not received two NP grades. Students who have received two NP grades shall be excluded from electing courses on a P/NP basis for one quarter

4. Not repeating a course in which a grade of C-, D+, D, D- or F has been earned

During Summer Sessions, to enroll in one grading option course (up to 5 units) as P/NP a student must be additionally enrolled in 9 letter graded units for that **same** session. (e.g. if a student wants to take a GE for P/NP in Session A, that student must also be enrolled in an additional 9 letter graded units for Session A)

EXCEPTIONS

All petitions for exceptions to enrollment rules or for changes to study lists after the deadlines must be submitted to the Office of Academic and Student Affairs, 6426 Boelter Hall. **IF** approved, the student must additionally file an enrollment petition with the Registrar, 1113 Murphy Hall. The student's BAR account will be charged for any fee. For other exceptions see a Samueli Engineering academic counselor.
(Exceptions are not normally approved)

TRANSFER CREDIT for continuing students

Continuing Samueli Engineering students who have completed 105 or more quarter units of college coursework (excluding AP/IB/A-Levels) may not earn any additional credit from any community college, nor can they receive any additional lower-division credit from any 4-year institution unless it is a UC campus. UCLA prohibits concurrent enrollment at another college or university during the regular school year (fall, winter, spring), and students who take courses at other schools during a term in which they are also enrolled at UCLA, will not get credit for the work completed at the other school. Students must submit transcripts and evaluation materials no later than the end of the first term at UCLA after completing the work, for credit to be applied to Samueli Engineering degree requirements.

REPETITION OF COURSES

Courses taken at the University MAY BE repeated at UCLA only subject to the following:

1. Student received a grade of C- or lower in the course

2. Course may not be repeated more than once without the approval of the Associate Dean

3. For undergraduates who repeat a total of 16 units or less, only the most recently earned letter grades and grade points will be computed into the grade-point average. After repeating 16 units, the GPA will be based on all letter grades assigned and total units attempted. (See General Catalog for additional details.)

REMOVAL OF GRADE OF INCOMPLETE

IF YOU RECEIVE A GRADE OF "I" DO NOT RE-ENROLL IN THE COURSE

An incomplete (I) grade may be assigned under the following conditions: the student must ask the Instructor for the I grade, the student's work must be of passing quality and the reasons for requesting the I grade must be of sufficient gravity to warrant an incomplete grade. Do NOT re-enroll in the course if you receive an I. See a Counselor, 6426 BH, for more details. Once the work is satisfactorily completed, the instructor will submit a UCLA Report of Academic Revision. Students should have a clear understanding with the instructor regarding the work to be completed, the time frame, and the responsibilities each of them has. If the work is not completed by the end of the next quarter in residence, the grade I will automatically lapse to a grade of F or NP as appropriate.

GRADUATE LEVEL COURSES

(Courses numbered 200 and above)

Samueli Engineering undergraduate students are not allowed to enroll in graduate level courses without first obtaining approval by petition at 6426 BH.

STUDY LIST DEADLINES

Deadline for Samueli Engineering students to drop non-impacted courses is end of 4th week

Fall 2021	Impacted courses may NOT be dropped after	5PM	October 08		Fri 2nd wk
	***All courses must be ADDED by	5PM	October 15	(fees apply)	Fri 3rd wk
	***Non-impacted courses may NOT be DROPPED after	5PM	October 22	(fees apply)	Fri 4th wk
	*Change of credit detail (P/NP) may be changed until	5PM	November 05	(fees apply)	Fri 6th wk

Contract forms (SRP 99, 195, 199) to 6426BH, NO LATER THAN TUE OF WEEK 2, OCT 10, to avoid the 3rd week add fee (SRP Deadlines)

Winter 2022	Impacted courses may NOT be dropped after	5PM	January 14		Fri 2nd wk
	***All courses must be ADDED by	5PM	January 21	(fees apply)	Fri 3rd wk
	***Non-impacted courses may NOT be DROPPED after	5PM	January 28	(fees apply)	Fri 4th wk
	*Change of credit detail (P/NP) may be changed until	5PM	February 11	(fees apply)	Fri 6th wk

Contract forms (SRP 99, 195, 199) to 6426BH, NO LATER THAN TUE OF WEEK 2, JAN 15, to avoid the 3rd week add fee (SRP Deadlines)

Spring 2022	Impacted courses may NOT be dropped after	5PM	April 08		Fri 2nd wk
	***All courses must be ADDED by	5PM	April 15	(fees apply)	Fri 3rd wk
	***Non-impacted courses may NOT be DROPPED after	5PM	April 22	(fees apply)	Fri 4th wk
	*Change of credit detail (P/NP) may be changed until	5PM	May 06	(fees apply)	Fri 6th wk

Contract forms (SRP 99, 195, 199) to 6426BH, NO LATER THAN TUE OF WEEK 2, to avoid the 3rd week add fee (SRP Deadlines)

HIGHLY EFFECTIVE HABITS

Before Enrolling in Classes

Know your catalog year (2019-2020). Catalog Year is important because you will follow the curriculum requirements in effect that year. Get a list of classes you need to take and plan your schedule ahead of time. Familiarize yourself with the Engineering Catalog (Announcement). Plan on studying abroad? Joining the marching band? Plan ahead.

Always keep your Samueli Engineering OASA academic counselor informed. Know yourself, your study habits, and what kind of teaching styles you excel at. Scope out your professorsand their teaching styles (note that you will not have the option to choose your professor for most engineering classes).

Before and After Lecture

Buy/Rent Textbooks/Lecturenotes early. Be prepared by reading the chapter you will go over in class ahead of time, if you have questions ask in lecture. Review your notes from past lectures and ask questions on what you don't understand. Re-read your notes the same day after lecture and highlight important ideas. Take advantage of emailing your Professor, TA and ATTENDING OFFICE HOURS! Always introduce yourself to your professor in office hours. Come in prepared with questions; bring a classmate for support if needed. Find one or two people in each course to form a study group (ask for emails/phone numbers)

Set Goals

Write them out, work toward them, and reflect on them often. Plan/Set a routine. Make lists of priorities and manage your time wisely. Remember UCLA runs on a quarter system. Each quarter is ten weeks.

Studying

Start with the most difficult subject first. Study at the same time daily. Study in an environment you feel comfortable in. Use your weekends wisely. Review material, meet with study group, do homework, and preparefor the week ahead.

Faculty Advising

Each student in the School of Engineering is assigned a Faculty Advisor, a Professor in the department of that student's major. Faculty Advisors are for asking questions about careers, research, graduate school, and other specific topics that your Academic Counselor does not have detailed knowledge of. It is a requirement that you meet with your Faculty Advisor once every academic year. Failure to do so will result in a hold being placed on that student's record until he or she has met with a Faculty Advisor.

Technical Breadth Requirement and Restrictions

Students must satisfy a single Technical Breadth Area (TBA) outside their major's department.

Example: Students in the Bioengineering major cannot choose the TBA in Bioengineering.

Technical Breadth Areas

- Bioengineering
- Chemical and Biomolecular Engineering
- Civil and Environmental Engineering
- Computer Science
- Electrical and Computer Engineering
- Materials Science and Engineering
- Mechanical and Aerospace Engineering
- Computational Genomics
- Energy and the Environment
- Engineering Mathematics
- Engineering Science
- Nanotechnology
- Pre-Med
- Technology Management
- Urban Planning
- Digital Humanities

Exceptions

Students in the **Computer Engineering and Computer Science & Engineering** majors, have the choice to select a technical breadth area in either the department of Electrical and Computer Engineering or Computer Science since this major is jointly administered by both departments. Students do have the option to choose a course offered by their major's department IF the course is part of a schoolwide TBA (e.g. Engineering Mathematics) and not being used to satisfy other degree requirements. *Example*: the TBA in Engineering Mathematics lists COM SCI 112 which is not required for the Computer Science and Engineering major, therefore, a student in Computer Science and Engineering major can choose COM SCI 112 to satisfy that TBA.

Courses chosen to satisfy the TBA cannot be used to satisfy other degree requirements. Students are responsible for meeting requisites of courses selected. Students may petition, at 6426BH, to use one lower division course to satisfy a technical breadth elective IF that lower division course is a requisite for at least one of the two upper division technical breadth courses that the student takes from the same area (and that lower division course is not being applied toward another degree requirement). The Technical breadth requirement is a 12 unit requirement. To complete the requirement with only three courses, those three courses must add up to at least 12 units.

Subset Restrictions

It is not permitted to use more than one course from the same subset in meeting the degree requirements of any HSSEAS major unless an additional course from that subset is explicitly specified as recommended or is listed as a prerequisite in the catalog description of the course in the same subset.

ie: Civil Engineering students must take C&EE 110 as part of their major requirements. This course is in **Subset 1** *(Probability and Statistics)*, they may not take any other course in this subset (STATS 110A, EC ENGR 131A, MATH 170A, STATS 100A) to satisfy a Technical Breadth, as the content covered in the courses of a subset contain too much overlap.

Subset 1: Probability and Statistics course subset (C&EE 110, STATS 110A, EC ENGR 131A, MATH 170A, STATS 100A)
Subset 2: Numerical Computing course subset (EC ENGR 133A, C&EE 103, CH ENGR 109, MATH 151A)
Subset 3a): Structural Mechanics Subset (C&EE 108, MECH&AE 101 (formerly 96))
Subset 3b): Statics Subset (C&EE 91, MECH&AE 101 (formerly 96)) Subset 3c): Dynamics Subset (C&EE 102, MECH&AE 102)
Subset 4a): Introductory Thermodynamics subset (CH ENGR 102A, MECH&AE 105A)
Subset 4b): Transport Phenomena (CH ENGR 101B, MECH&AE 105D)
Subset 5a): Systems (EC ENGR 102, MECH&AE 107) Subset
5b): Controls (CH ENGR 107, EC ENGR 141, MECH&AE 171A)
Subset 6): Circuits (EC ENGR 10, EC ENGR 100), (EC ENGR 100, EC ENGR 110)
Subset 7): Differential Equations (MATH 33B, MECH&AE 82)

For more information on subset restrictions and TBA's. Please refer to: (https://www.seasoasa.ucla.edu/undergraduate-technical-breadth-area-tba/)

UCLA SAMUELI

SEAS Cafe

Court of Sciences

Boelter Hall

Bruin Day 2019

QR Code for TBA web site

General Education Requirements

Engineering majors are required to take five GE courses (24 units minimum). These courses are to be selected from the categories below, with each course satisfying a different subgroup:

Foundations of the Arts and Humanities (FAH)

Two 5-unit courses selected from two different subgroups:

1. ***Literary and Cultural Analysis (LCA)***
2. ***Philosophical and Linguistic Analysis (PLA)***
3. ***Visual and Performance Arts Analysis and Practice (VPA)***

Courses in this area offer perspectives and intellectual skills necessary to comprehend and think critically about our situation in the world as human beings. In particular, the courses provide the basic means to appreciate and evaluate the ongoing efforts of humans to explain, translate, and transform their diverse experiences of the world through such media as language, literature, philosophical systems, images, sounds, and performances. The courses introduce students to the historical development and fundamental intellectual and ethical issues associated with the arts and humanities, and may also investigate the complex relations between artistic and humanistic expression and other facets of society and culture.

Foundations of Society and Culture (FSC)

Two 5-unit courses, one from each subgroup:

1. ***Historical Analysis (HAN)***
2. ***Social Analysis (SAN)***

Courses in this area introduce students to the ways in which humans organize, structure, rationalize, and govern their diverse societies and cultures over time. The courses focus on a particular historical question, societal problem, or topic of political and economic concern in an effort to demonstrate how issues are objectified for study, how data is collected and analyzed, and how new understandings of social phenomena are achieved and evaluated.

Note: some specific classes may count for one of multiple GE categories. You must be sure to take five different classes to satisfy five different GE categories (all of those listed above except for one FAH category). Please ask a counselor if you have ANY questions about your GE requirements.

Foundations of Scientific Inquiry (FSI)

One course from the Life Sciences subgroup:

1. ***Life Sciences***

DO NOT TAKE a Physical Sciences GE. It is already satisfied for all engineering students.

Courses in this area ensure that students gain a fundamental understanding of how scientists formulate and answer questions about the operation of the physical and biological world. The courses also deal with some of the most important issues, developments, and methodologies in contemporary science, addressing such topics as the origin of the universe, environmental degradation, and the decoding of the human genome. Through lectures, laboratory experiences, writing, and intensive discussions, students consider the important roles played by the laws of physics and chemistry in society, biology, earth and environmental sciences, and astrophysics and cosmology.

This requirement is automatically satisfied for Bioengineering and Chemical Engineering majors. The requirement is satisfied for Civil Engineering majors by the natural science requirement - one natural science course must be taken from Civil and Environmental Engineering 58SL, Earth, Planetary, and Space Sciences 3, 15, 16, 17, 20, Environment 12, Life Sciences 1, 2, 7A, Microbiology, Immunology, and Molecular Genetics 5, 6, or Neuroscience 10

GE Clusters

While engineering students are allowed to take GE Clusters, they may be difficult to complete because a student must complete a fixed 3-quarter sequence of classes to receive credit for the 3 to 4 GE categories. We advise that you speak to an OASA counselor if you are considering taking any GE clusters.

UCLA SAMUELI

Materials Research Society

Go-Karts

UCLA Racing

Course Evaluations

If you are seeking course equivalence for a California Community College course, first check ASSIST or Transferology Lab to see if equivalence for the course already exists.

NOTE on Simultaneous Enrollment: Attending UCLA regular session (Fall, Winter, or Spring) and another college at the same time - is not permitted. A student enrolled in UCLA Summer Sessions is allowed to transfer credit to UCLA for work done at another institution at the same time provided this work is part of the other institution's summer term and has an end date later than UCLA's spring quarter end date. Rules for transfer credit eligibility still apply.

For Math, Physics, Chemistry, Life Science, Statistics or English Composition courses which do not appear on Assist or Transferology Lab:

You must submit a copy of the course outline or syllabus (including a list of the topics covered and textbook(s) used) to the respective undergraduate counseling office of the Math, Physics, Chemistry and Biochemistry, Life Sciences, Statistics or Writing Programs department as appropriate for evaluation:

- Math - go to 6356 Mathematical Sciences Building
- Physics - go to 1-707A Physics and Astronomy Building
- Chemistry - go to 4006 Young Hall
- Life Sciences – go to 222 Hershey Hall
- Statistics – go to 8117A Mathematical Sciences Building
- English Composition – go to 146 Humanities Building

If the course(s) are deemed equivalent, you must obtain written verification of this from the department office and submit the verification, along with your name and student I.D. number, to 6426 Boelter Hall or email to course_eval@seas.ucla.edu

Engineering/CS courses from CA community colleges that have been previously approved may appear on Assist or Transferology, so it is important to check. If a course does indeed appear on on either site, you do NOT need to submit this evaluation form; however, an official sealed transcript from the community college must be submitted to our office at 6426 Boelter Hall in order for credit to be posted to your DPR/Degree Audit.

If you're unsure as to whether the course you are requesting to have evaluated is UC EAP (Education Abroad Program) approved, consult with the EAP Office and/or web site (http://www.ieo.ucla.edu/Eap/) about your options prior to submitting the course for evaluation. If the course is found to NOT be a UC EAP approved course, it will NOT be evaluated for UCLA credit. Please note that credit for an approved UC EAP course will be automatically posted to your DPR/Degree Audit by undergraduate admissions after you submit an official sealed transcript indicating that you've completed the course; however, this may take up to two months. You are advised to contact the engineering credit evaluators at course_eval@seas.ucla.edu when the credit appears on your DPR/Degree Audit so that engineering may appropriately update credit for approved course evaluations or petitions submitted to 6426 BH. Please also note that no more than 5 approved UC EAP courses may be applied to major requirements (i.e. engineering, computer science, technical electives from other departments). To receive full credit for a course taken abroad, the course must be approved and transfer as at least 3 quarter units.

After completing **105 lower-division quarter units** toward the degree in all institutions attended, students are allowed no further unit credit for courses completed at a community college or for lower-division courses completed at any institution outside of the University of California. The University of California does not grant transfer credit for community college or lower-division courses beyond 105 quarter units, **but students may still receive subject credit for this coursework to satisfy lower-division requirements subject to course evaluation approval** (students can meet with an OASA academic counselor to see if they meet eligibility). Be sure to submit the course evaluation form to determine equivalence before taking the course.

Evaluation deadlines: There is really no "deadline", per se; however, the sooner you provide the information, the sooner you will find out the result of the evaluation. Thus, you will be able to decide upon the courses you will need to take.

It is expected that students take required courses and major electives on a letter grade basis (NOT pass/no pass).

Education Abroad

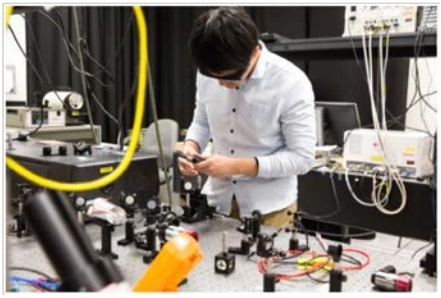
Consult with the EAP Office and/or web site about your options (i.e. where can you go to take engineering/CS courses, or GE courses, courses for an approved minor, or courses for your own interest, etc)
When you have a plan and are ready to start the application process. Get an Academic Planning Form (and other application materials if appropriate) from the International Education Office (IEO).

Non-UC Education Abroad Programs:

Students who wish to study abroad in non-UC Education Abroad Programs should: Visit the International Education Office (http://www.ieo.ucla.edu/nonucprograms/ B-300 Murphy Hall) for information.

UC REQUIREMENTS

Stephanie Seidlits Lab



Mona Jarrahi Lab

FUN FACTS

Ranks 9

UCLA Engineering is ranked 9 among public engineering schools in the U.S. by U.S. News & World Report's Best Graduate Schools

Birthplace of the Internet

Forty years ago, on Oct. 29, 1969, a UCLA team led by distinguished professor of computer science Leonard Kleinrock sent the very first message over the ARPANET, the computer network that later became known as the Internet.

University Requirements

All UC students must satisfy **TWO** *University of California Requirements* before they graduate!! **(Note: These are separate requirements from your major and School requirements; you are responsible for making sure you have fulfilled both BEFORE you graduate)**

UC REQUIREMENT ONE: Entry Level Writing Requirement or ESL Requirement

UC Analytical Writing Placement Exam (Passing this exams satisfies Entry Level Writing). If you passed the UC Analytical Writing Placement Exam (AWPE) or you have AP English credit, then on the Record of Interview you will have a notation indicating "SATISFIED".

If AWPE was not passed and you have no AP English or other credit, then you will have a notation of "REQUIRED" or you may be noted specific exam results (e.g. English 2 Required).

If you are required to take the UC AWPE, please visit the following link to view the Fall exam schedule: http://www.wp.ucla.edu/ OR call the Writing Programs Office at 310-206-1145 for questions

ESL Placement Exam (Passing this exam satisfies ESL Requirement). If you passed the ESL exam you will have a notation of "SATISFIED" or you may be noted specific exam results (e.g. ESL 33 required). If required to take the ESL exam, then visit the following link to register for the exam: http://www.wp.ucla.edu/index.php/placement-exam-schedule/eslpe OR e-mail tara@humnet.ucla.edu for questions

UC REQUIREMENT TWO: American History and Institutions Requirement (AHI)

If you have taken one year of American History and/or Government courses in High School and received an average grade of "B" or better, then you will have a notation indicating "SATISFIED". ***(Please make sure that The Office of Undergraduate Admissions receives your High School Transcripts)***

If you do not have high school credit or other type of credit for this requirement you will have a notation of "REQUIRED".

If you are an F1 visa holder you may be exempt from this requirement. You will need to contact an undergraduate History Department counselor in 6248 Bunche Hall, 310-825-3720, to receive exemption for this requirement.

FOR MORE INFORMATION

Please visit the registrar's website. https://www.registrar.ucla.edu/

UCLA Registrar's Office
Annual Academic Calendar 2021-22

FALL QUARTER 2021	
Quarter begins	Monday, September 20
Instruction begins	Thursday, September 23
Study List deadline (becomes official)	Friday, October 8
Veterans Day holiday	Thursday, November 11
Thanksgiving holiday	Thursday-Friday, November 25-26
Instruction ends	Friday, December 3
Common final exams	Saturday-Sunday, December 4-5
Final examinations	Monday-Friday, December 6-10
Quarter ends	Friday, December 10
Christmas holiday	Thursday-Friday, December 23-24
New Year's holiday	Thursday-Friday, December 30-31
Winter campus closure	TBD
WINTER QUARTER 2022	
Quarter begins	Monday, January 3
Instruction begins	Monday, January 3
Study List deadline (becomes official)	Friday, January 14
Martin Luther King, Jr. holiday	Monday, January 17
Presidents' Day holiday	Monday, February 21
Instruction ends	Friday, March 11
Common final exams	Saturday-Sunday, March 12-13
Final examinations	Monday-Friday, March 14-18
Quarter ends	Friday, March 18
SPRING QUARTER 2022	
Quarter begins	Wednesday, March 23
César Chávez holiday	Friday, March 25
Instruction begins	Monday, March 28
Study List deadline (becomes official)	Friday, April 8
Memorial Day holiday	Monday, May 30
Instruction ends	Friday, June 3
Common final exams	Saturday-Sunday, June 4-5
Final examinations	Monday-Friday, June 6-10
Quarter ends	Friday, June 10
Commencement Ceremonies 2022	**Commencement website**
SUMMER 2022	
Summer session begins	Monday, June 20
Independence Day holiday	Monday, July 4
Labor Day holiday	Monday, September 5
Summer session ends	Friday, September 9

Additional Resources

Health and Wellness

UCLA Center for Accessible Education (CAE)
http://www.cae.ucla.edu/
Counseling and Psychological Services (CAPS)
http://www.counseling.ucla.edu
UCLA Arthur Ashe Student Health & Wellness Center
http://www.studenthealth.ucla.edu/default.aspx

Advising

Visit your Academic Counselor at 6426 Boelter Hall
http ://www.seasoasa.ucla.edu/staff
Faculty advising
https://my.engineering.ucla.edu/user/loginHome.php
Degree Audit Report System (DARS)
http://www.seasoasa.ucla.edu/undergraduates/DARS
UCLA CCLE Shared System
https://ccle.ucla.edu/
My Engineering
https://my.engineering.ucla.edu/

Campus Resources

Career Center
http://www.career.ucla.edu/
Academic Advancement Program (AAP)
http://www.aap.ucla.edu/programs/counseling/
UCLA First to Go
http://firsttogo.ucla.edu/
MyUCLA
http ://www.my.ucla.edu/
Dean of Students
http://www.deanofstudents.ucla.edu
UCLA Veteran Affairs
https ://www.veterans.ucla.edu/
Student Legal Services
https://www.studentlegal.ucla.edu/
Athletics
http://www.uclabruins.com/ViewArticle.dbml?DB_OEM_ID=30500&ATCLID=208272559
International Education Office
http://www.ieo.ucla.edu/
Dashew Center for International Students and Scholars
http://www.internationalcenter.ucla.edu/

Transfer Student Resources

UCLA Transfer Center
http://www.transfers.ucla.edu/
Engineering Transfer Center
https://etransfercenter.seas.ucla.edu/

Registration Support

Registrars
http://www.registrar.ucla.edu/
Financial Aid
http://www.financialaid.ucla.edu/

Student Organizations

Tau Beta Pi Honor Society Tutoring
https://tbp.seas.ucla.edu/tutoring/
Engineering Student Groups
http://engineering.ucla.edu/student-clubs/

UCLA Samueli School of Engineering

UCLA Samueli School of Engineering
https://samueli.ucla.edu/
Women in Engineering (WE@UCLA)
https://samueli.ucla.edu/women-in-engineering/
Center for Excellence in Engineering and Diversity (CEED)
https://www.ceed.ucla.edu/
Scholarships
https://samueli.ucla.edu/scholarships

Office of Academic and Student Affairs
https://www.seasoasa.ucla.edu/

AP / IB Exams

AP Examination		Credit at UCLA			
Exam Name	**Score**	**Subject**	**Title/Course #**	**Units**	**Requirements Met**
Chemistry	3	CHEM	Introductory	8	
	4 or 5	CHEM	General	8	Chem 20A
English					
(8 unit max for both exams)					
- Language/Composition	3	ENGL	Unassigned	8	EW
	4 or 5	ENGCOMP	3	8	EW, W1, Eng Comp 3
- Literature/Composition	3	ENGL	Unassigned	8	EW
	4 or 5	ENGCOMP	3	8	EW, W1, Eng Comp 3
Government and Politics					
- US	3, 4, or 5	POL SCI	United States	4	AH
History					
- US	3, 4, or 5	HIST	United States	8	AH
Mathematics					
(8 unit max for both exams)					
- Calculus AB	3 or 4	MATH	Calculus	4	
	5	MATH	4 units which may be applied to Math 31A	4	Math 31A
- Calculus BC	3	MATH	Calculus	8	
	4	MATH	*4 units which may be applied to Math 31A*	8	Math 31A
	5	MATH	*Math 31A + 4 units which may be applied to Math 31B*	8	Math 31A, Math 31B
Physics					
(8 unit max for all physics exams)					
- Physics C: Mechanics	3	PHYSICS	General "C"	4	
- Physics C: Mechanics	4 or 5	PHYSICS	May be used to satisfy Phys 1A	4	Physics 1A
IB Examination		**Credit at UCLA**			
History					
- Americas	5, 6, 7	HIST	Americas	8	AH
****English***					
- English: Literature	5, 6, 7	ENGCOMP	3	8	EW, W1, Eng Comp 3
Language A1 (native)					
- English	5, 6, 7	ENGCOMP	3	8	EW, W1, Eng Comp 3
Mathematics					
- Mathematics	5	MATH	Math 1 + 4 units unassigned credit	8	
- Mathematics	6 or 7	MATH	Math 31A + 4 units which may be applied to Math 31B if IB Course covered topic 9	8	Math 31A, Math 31B

***EW**- Entry Level Writing Requirement, **W1**- Writing 1, **AH**- American History and Institution Requirement*

* A score of 6 or higher on the Standard Level (SL) English A: Literature exam and/ or the Standard Level (SL) A1 English exam also satisfies EW, although it does not result in any course credit.

UCLA awards credit for Higher Level (HL) IB exams only.

For a full list of AP and IB scores UCLA accepts visit UCLA Admissions Prospective Students site.
(http://www.admission.ucla.edu/infoprospective.htm)

Academic Counselors

To schedule an appointment:
call (310) 825-9580
or stop by 6426 Boelter Hall

Front Office Coordinator / Counselor

- *Anycia Reyes*

Aerospace Engineering

- *Michel Moraga*
- *Vanessa Hernandez*
- *Jan LaBuda*
- *Anandrea Suarez*
- *Jennifer Alvarado*

Bioengineering

- *Erkki Corpuz*
- *Victoria Moraga*

Chemical Engineering

- *Erkki Corpuz*
- *Julieta Ramirez*
- *Jennifer Alvarado*

Civil Engineering

- *Vanessa Hernandez*
- *Erkki Corpuz*
- *Jan LaBuda*

Computer Engineering

- *Cynthia Moraga*
- *Alina Haas*
- *Jan LaBuda*
- *Victoria Moraga*
- *Julieta Ramirez*
- *Mary Anne Geber*
- *James Washington*
- *Anandrea Suarez*

Computer Science

- *Alina Haas*
- *Angelina Bargeron*
- *Mary Anne Geber*
- *Jan LaBuda*
- *Cynthia Moraga*
- *Michel Moraga*
- *Victoria Moraga*
- *James Washington*
- *Anandrea Suarez*

Computer Science & Engineering

- *Alina Haas*
- *Angelina Bargeron*
- *Mary Anne Geber*
- *Jan LaBuda*
- *Cynthia Moraga*
- *Michel Moraga*
- *Victoria Moraga*
- *James Washington*
- *Anandrea Suarez*

Electrical Engineering

- *Mary Anne Geber*
- *Alina Haas*
- *Jan LaBuda*
- *Cynthia Moraga*
- *Victoria Moraga*
- *Julieta Ramirez*
- *James Washington*

Materials Engineering

- *James Washington*
- *Erkki Corpuz*
- *Jan LaBuda*

Mechanical Engineering

- *Michel Moraga*
- *Angelina Bargeron*
- *Vanessa Hernandez*
- *Jan LaBuda*
- *Anandrea Suarez*
- *Jennifer Alvarado*

Please contact the OASA academic counselors via the MyUCLA Message Center – scan QR Code below.

Office of Academic and Student Affairs Presents

QUARTERLY WORKSHOPS

Every Quarter

OASA is here to support your journey as Bruin Engineer! We have the following workshops planned for the upcoming 2021- 2022 school year and hope to see you there!

Time Management Essentials for Engineers

Setting SMART Goals

Finding + Keeping Motivation

Learning Strategies

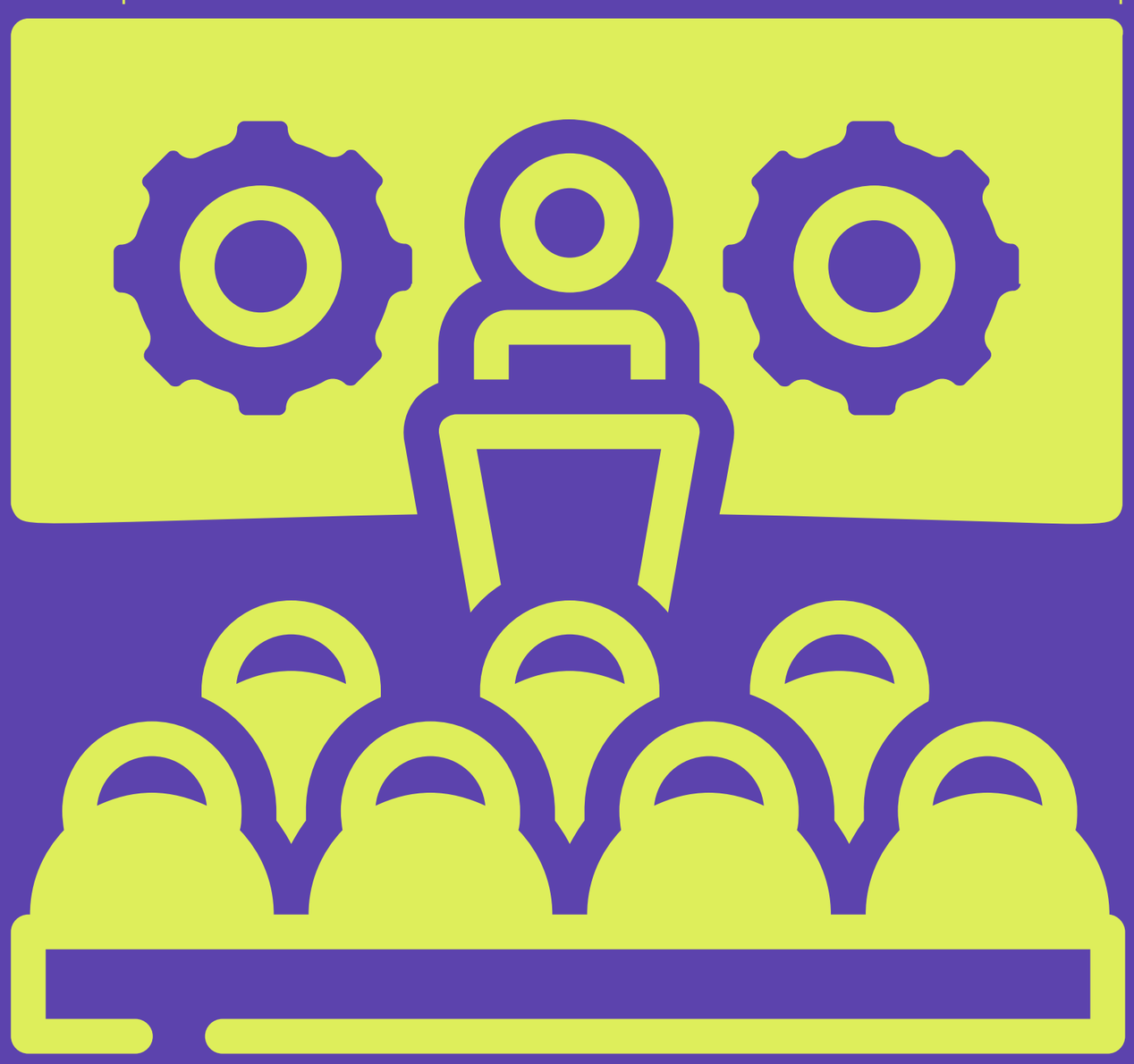
Change of Major Workshop

Fall Only

*Workshop offerings subject to change
Please visit our website for more info:
https://www.seasoasa.ucla.edu/oasa-workshops/

Scholarship Info Session

Study Abroad with IEO



ALL WORKSHOPS HELD VIA Zoom

Engineers must sign up in advance.

Space is LIMITED!

WE@UCLA

GROW | CONNECT | BUILD | INSPIRE

Our mission is to enable the full participation, success, and advancement of women in engineering and computer science.

The UCLA Women in Engineering (WE@UCLA) program promotes an environment that enhances the personal and professional development of women, provides opportunities and resources to develop self-efficacy and leadership skills, and facilitates a rewarding career path after graduation. The program is open to all students who support the mission.

RECRUITMENT | RETENTION TO GRADUATION | CAREER READINESS

Incoming Freshmen | Transfer Students | Graduate Students
Webinars | Videos | Social Media | PhoneBanking

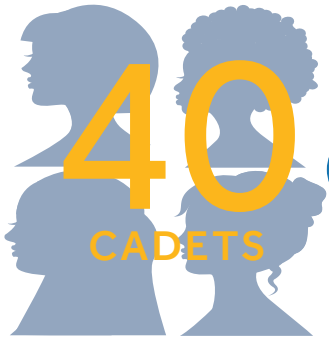
Student Engagement Workshops | Webinars
Community Building | Peer-to-Peer | Student-to-Alumnae | Student-to-Faculty

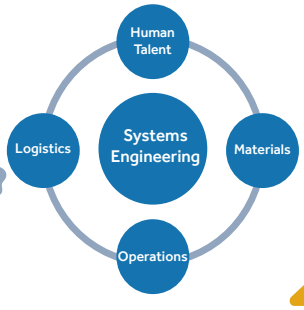
WE@UCLA Academies
Leadership | Aerospace

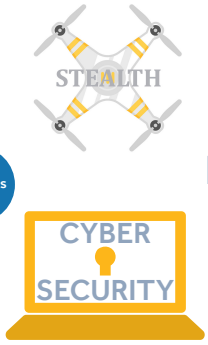
Professional Development
Confidence | Awareness to Action | Negotiation Training

WE@UCLA Leadership Academy is a professional development and leadership series designed to empower, improve self-efficacy and provide a sense of community among female students in engineering and computer science.

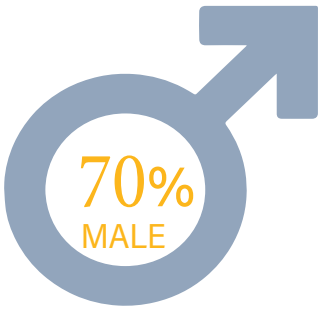
WE@UCLA Aerospace Academy is a co-curricular series designed to ignite career interest in the aerospace industry, and strengthen students' analytical and critical thinking skills. It's a unique, hands-on, experiential training program run by industry professionals.

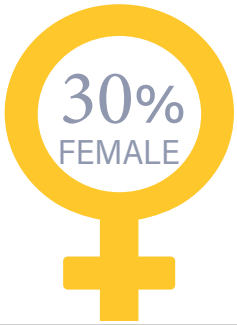


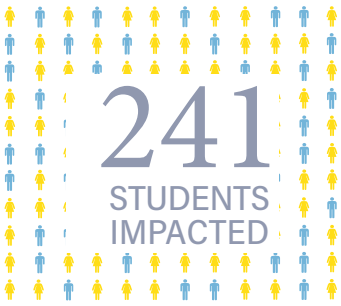




Awareness to Action Training is a two-hour, interactive, multimedia workshop for students in introductory and project-based classes, designed to improve the sense of community among all UCLA Samueli students and increase awareness of some challenges faced by underrepresented students in engineering and computing.







UCLA Women in Engineering | 405 Hilgard | 3277 Boelter Hall | Los Angeles, CA 90095-1600
www.samueli.ucla.edu/women-in-engineering

310-206-1988 310-206-3024 we@hsseas.ucla.edu @weatucla

*Majors: *AE = Aerospace Engineering | BE = Bioengineering | CE = Computer Engineering | ChE = Chemical Engineering CS = Computer Science | CSE = Computer Science & Eng. | CV = Civil & Environmental Eng. EE = Electrical Engineering ME = Mechanical Engineering | MSE = Materials Science & Eng.*

UCLA ENGINEERING TRANSFER STUDENT CENTER

a resource for engineering transfer students

The Engineering Transfer Student Center at UCLA Samueli provides resources and support to current engineering transfer students (eTransfers), visibility and advocacy for the transfer community, and works with local community colleges to support the engineering pipeline. **Our mission is to maximize the UCLA Samueli Engineering experience for engineering transfer students in preparation for life after graduation.**

Accelerator for UCLA Samueli Engineering students

Accelerator for eTransfer Students

A collection of virtual summer programs that help transfer students to ease their transition to UCLA Engineering and prepare to make most use of their 2 – 3 short years at the School. Programs include:

1) Diagnostic Assessment tests – of courses taken at your previous institution,
2) Summer Planning – of activities eTransfers can do in their summer before their first year,
3) Basic Training – CAD, Coding, Arduinos & Circuits, Fabrication, Introduction to our MakerSpace,
4) eTransfer 101 (see below)
5) HAcK technical competition – we teach you what you need to know to participate!
6) Classroom Boot Camp – first 2 weeks of CS 32 or M20 (Matlab)

eTransfer 101

Want to know what to expect in year 1? Want to meet fellow eTransfers prior to joining classes in the fall? Want to know about opportunities in advance so you won't 'miss the boat'? Want to prep for the fall industry recruiting events before the new year starts? Join us at eTransfer 101 to learn everything you need to know to make the most of your first year at UCLA Engineering.

Professional Development Workshops & Info-sessions

Engineering Scholarships, Industry Internships info-session, Career Fair Resume Prep, Life after Midterms: preparing for final exams, Paid Summer Research Experiences, eTransfer Alumni Speaker Series.

Networking & Volunteer Opportunities

- Fall Welcome & Kick-off
- Quarterly kick-off networking events for eTransfers
- Transfer PRIDE week!
- eTransfer Student Advisory Board

Additional resources

- eTransfer Student website & Facebook page
- Conference room & study space
- eTransfer Student weekly newsletter

Program highlights for prospective transfer students

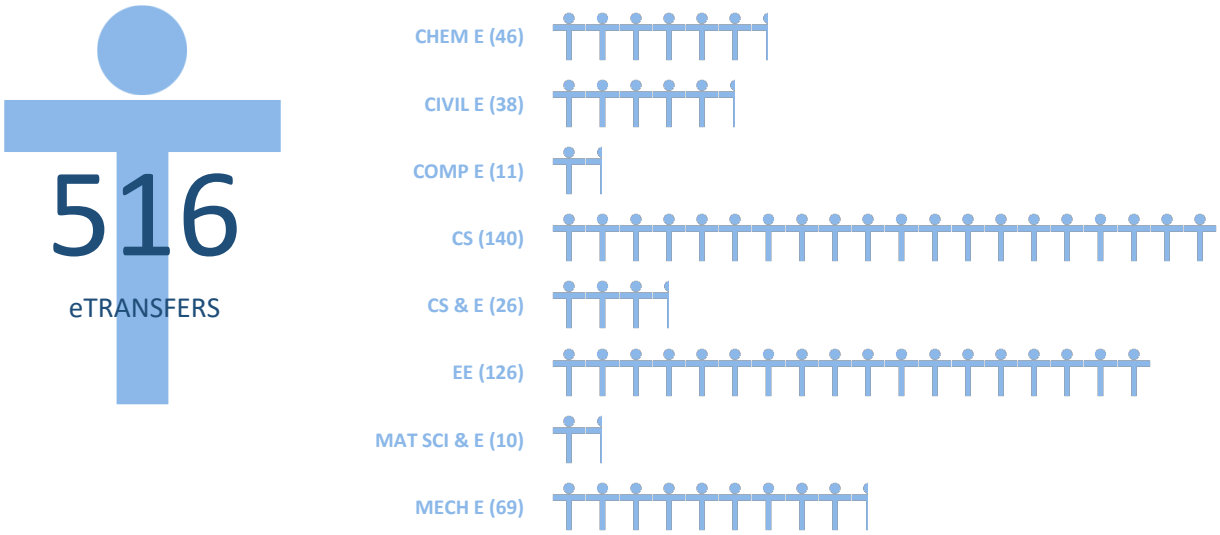
UCLA Samueli Engineering Day for prospective community college transfers

Lab & workspace tours, eTransfer Student panel, UCLA Samueli Admissions presentation, and meet-and-greet reception.

Building Engineering Communities

UCLA Samueli student organizations provide training to develop engineering design skill workshops at local community colleges.

eTransfers at UCLA Samueli Engineering



= 7 students

2020 - 2021 Undergraduate Enrollment – 3862 total undergraduates (7.2021)

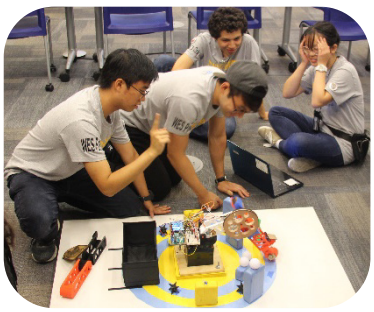
19%
Female Students
--
97 out of 516

3970
Applications
450 Admitted | 211 Enrolled

14%
Ethnic Minority
--
70 out of 516

2
2 years & 2 quarters
--
Average time to degree

3.35
Average transfer GPA at graduation



KEEP CALM AND TRANSFER ON

UCLA | Samueli School of Engineering

UCLA Samueli Engineering Transfer Student Center
6288 Boelter Hall
Los Angeles, CA 90095
etransfercenter.seas.ucla.edu
etransfercenter@hsseas.ucla.edu

UCLA ENGINEERING TRANSFER CENTER

INCOMING ENGINEERING TRANSFER STUDENT SURVEY

We need your help!

Tell us more about yourself and what information and services you think would be helpful as a new engineering transfer student. Help us to learn more about who our eTransfers are and how we can help to make the eTransfer experience amazing! Your feedback is much appreciated!

FIND THE SURVEY HERE

https://forms.gle/mMybuUCKLDSfdjLu5

For all new incoming engineering transfers students. All responses are confidential and will be kept separate from any identifying information.

Please contact us at etransfercenter@hsseas.ucla.edu if you have any questions!

eTransfer 101

A workshop series for incoming engineering transfer students

REGISTER FOR ETRANSFER 101 HERE:
HTTPS://FORMS.GLE/IRA1ZMJGWYXGRKZK9

Want to know what to expect in year 1? Want to meet fellow eTransfers prior to joining classes in fall? Want to know know about the opportunities in advance so you don't "miss the boat"? Want to prep for fall industry internship recruiting events?

JOIN US!

JULY 27TH - AUGUST 12TH

UCLA Samueli School of Engineering
TRANSFER CENTER

PROGRAM

DAY 1: TUESDAY, JULY 27TH | 6 - 9 PM
WELCOME & ETRANSFER STUDENT MIXER

DAY 2: THURSDAY, JULY 29TH | 6 - 9 PM
ETRANSFER STUDENT PANEL: HEAR THE GRIT FROM CURRENT STUDENTS

DAY 3: SATURDAY, JULY 31ST | 9 - 12:30 PM
RECRUITING PREP: CREATE YOUR UCLA HANDSHAKE, ACCOUNT AND RESUME REVIEW

DAY 4: TUESDAY, AUGUST 3RD | 6 - 9 PM
UCLA CAREER CENTER & FALL RECRUITING EVENTS

DAY 5: THURSDAY, AUGUST 5TH | 6 - 9 PM
STUDENT PANEL 2: RECRUITING EVENTS & UNDERGRAD INTERNSHIP & RESEARCH PROGRAM

DAY 6: SATURDAY, AUGUST 7TH | 9 - 12:30 PM
OPPORTUNITIES WITH STUDENT ORGANIZATIONS, NETWORKING 101: SPEAKING ABOUT YOURSELF AS AN ENGINEER

TUESDAY, AUGUST 10TH | 6 - 9 PM
ENGINEERING SCHOLARSHIPS & FACULTY ADVISING INFO-SESH

THURSDAY, AUGUST 12TH | 6 - 9 PM
NETWORKING PRACTICE WITH ALUMNI & INDUSTRY PARTNERS

RSVP: HTTPS://FORMS.GLE/IRA1ZMJGWYXGRKZK9

Office of Academic and Student affairs

6426 Boelter Hall

For more information contact James Washington

jaw@seas.ucla.edu