First Year Orientation

The Henry Samueli School of Engineering
Orientation Agenda

I. Overview of UC Irvine
II. To-Do List and Important Dates
III. Course Placement
IV. Academic Requirements
V. Policies and Procedures
VI. Academic Standards
VII. Resources
VIII. Advising
IX. Enrollment
Overview of UC Irvine
UCI Academic Structure

Each academic unit provides academic counseling to their majors. They also make all decisions regarding their courses.

- Arts
- Biological Sciences
- Business
- Education
- Engineering
- Humanities
- Information and Computer Sciences
- Interdisciplinary Studies

- Law
- Medicine
- Nursing Science
- Pharmaceutical Sciences
- Physical Sciences
- Public Health
- Social Ecology
- Social Sciences
Important Offices & Departments

- Admissions
- Financial Aid
- Registrar
- Housing
- Learning & Academic Resource Center
- Counseling Center
- Career Services
- Parking
- Disability Services
- Student Health
- UCI Libraries
To-Do List and Important Dates
To-Do List

• Obtain UCI Photo ID Card at The Hill (UCI Bookstore)
• Update local address with Registrar’s Office
• Complete FIRST Training. Must be done by Friday Week 7 of Fall Quarter! Go to first.uci.edu to complete
• Visit laptops.eng.uci.edu to learn more about laptop requirements
Paying Tuition and Fees

• Fee Deadline: September 16th, 2019!!!
  • 4:00 PM in person
  • 5:00 PM online

• Paperless Billing: Pay ZOT Bill online
  • https://zotaccount.uci.edu

• Receiving Financial Aid?
  • Must enroll in a minimum of 6 units for financial aid to apply and by the fee deadline
  • Must enroll in 12 units by the first day of classes
Health Insurance

- UCI Students are automatically enrolled in UCSHIP
- Can ‘Waive Out’ of plan if student already has comparable coverage
- Must submit request online by September 9th
- For more info visit www.shc.uci.edu
Important Dates

On Campus

• Move-In Weekend
  • September 21st - 22nd
• Welcome Week
  • September 23rd – 27th
• New Student Convocation
  • TBA
• Anteater Involvement Fair
  • Monday, September 23rd 12pm-4pm
• Classes start Thursday September 26th
  • Discussions and labs start will begin after first lecture
You should have completed...

• Sending ALL transcripts, AP and IB scores to Admissions
  • Holds may have been placed by Admissions if the above items have not been received

• Completing placement tests (if required)
Course Placement
Math Placement

• SAT Math Score
  • 450 and lower = Math 1A
  • 451 – 649 = Math 1B
  • 650 and higher = Math 2A

• ACT Math Score
  • 29 or higher = Math 2A

• AP Calculus AB
  • Score 3 = Enroll in Math 2A
  • Score 4 or 5 = Enroll in Math 2B

• AP Calculus BC
  • Score 3 = Enroll in Math 2B
  • Score 4 or 5 = Enroll in Math 2D

• IB HL Math
  • Score 5, 6 or 7 = Enroll in Math 2B
Cont. Math Placement

ALEKS for Calculus Placement

• Below 650 on SAT and/or 29 on ACT, recommended to complete math placement exam
  • Please note, by not starting off in Math 2A could result in a five year plan of study or the need to take summer courses

• [https://www.aleks.com/uci](https://www.aleks.com/uci)
  • Will need to purchase access online ($20)
  • Must complete 80% mastery to enroll in Math 2A
  • These are PROCTORED exams. You have two options:
    • Take placement exam in person
    • Take placement exam online via proctoring service, ProctorU. Cost $19 and must have webcam!
Physics Placement

• Scored 4 or 5 on AP Physics C Part I or II exam will place you into Physics 7C/LC
• Math Assessment for Physics Placement (MAPP) Test $20
  • 24 or higher, enroll in Physics 7C/LC
  • 23 or lower, enroll in Physics 2
• Physics 2 Online Course $364
  • Online summer course. Once completed you will be cleared to enroll after three business days. Still need to meet math requirements to enroll in Physics 7C/LC.
• Visit [www.testingcenter.uci.edu](http://www.testingcenter.uci.edu) for more info on MAPP and Physics 2 Online Course
***DO NOT ENROLL IN PHYSICS 3A***
CHEM 1A/ENGR 1A

Majors Enrolling in CHEM 1A
• Biomedical Engineering
• Biomedical Engineering Premed

Majors Enrolling in ENGR 1A
• Aerospace Engineering
• Chemical Engineering
• Civil Engineering
• Electrical Engineering
• Environmental Engineering
• Materials Science and Engineering
• Mechanical Engineering

STUDENTS WHO SCORED 4 OR 5 ON AP CHEMISTRY EXAM HAVE ALREADY RECEIVED CREDIT FOR CHEM 1A/ ENGR 1A

CSE and Computer Engineering majors DO NOT take CHEM 1A or ENGR 1A
Chemistry 1A Placement

Chem 1A

Enrolled into CHEM 1X?
  no
  yes

SAT Math Score 600 or higher?
  no
  yes

ACT Math Score 27 or higher?
  no
  yes

AP Chem Exam, score 3 or higher?
  no
  yes

SAT Chem subject Test score 700+?
  no
  yes

Completed/enrolled in Math 2A or Physics 7C?
  no
  yes

Chem 1P or equivalent: C- or better?
  no
  yes

Student is not eligible for Chem 1A and you should recommend the following:
- Take ALEKS “Preparation for Chemistry” learning module. $30
ENGR 1A

• Student exempt from ALEKS Engineering Chemistry Online Refresher Course
  • 2 or 3 on AP Chemistry Exam
  • 550 and higher on SAT Chemistry Subject Test
  • 600 and higher SAT Math Score
  • 27 ACT and higher Math Score
ALEKS Engineering Chemistry Online Refresher Course

• Must achieve an assessment score of **85%** before enrolling in ENGR 1A
• A score of 100% will earn you 5% (half a letter grade) toward your ENGR 1A grade
• For more info visit [www.aleks.com/uci/engchem](http://www.aleks.com/uci/engchem)
  • Cost $30
AP Computer Science A
For CSE Majors ONLY

• Score of 3, 4 or 5 on AP Computer Science A will have the option to complete credit by exam for ICS 31 credit or enroll in ICS 31

• Information for ICS Credit by Exam
  • Need to register on www.testingcenter.uci.edu
  • Must accept grade (C or higher) to enroll in ICS 32 for Fall Quarter

• All other majors will not receive course credit
A-Levels

• Cambridge A-Level Exams ONLY
  • Chemistry = Chem 1A-B-C
  • Economics = Econ 20A and 20B
  • Mathematics = Math 2A and 3A
  • Mathematics-Further = Math 2A, 2B, and 130A
  • Physics = Physics 7C
Academic Requirements
University Requirements

• Complete a minimum of 180 quarter units

• Minimum 2.0 GPA
  • UC GPA
  • Major Courses GPA
  • Engineering Upper Division Courses GPA

• Residency Requirement
  • At least 36 of the final 45 units must be completed at UCI
  • Exceptions to this rule may be allowed
University Requirements

Entry Level Writing Requirement (ELWR)

• Must be satisfied before the start of fourth quarter
• Students who are placed in an Academic English course will be allowed additional quarters if necessary
University Requirements

Entry Level Writing
The ELWR can be satisfied by the following:

- Passing the UC Analytical Writing Placement Exam
- 680 and higher on SAT, Evidence-Based Reading & Writing
- 3 on AP English Lang or Lit Exam
- 5 or higher on IB HL English A Exam
- 6 or higher on IB SL English A Exam
- 30 or higher on ACT Combined English & Writing
- 30 or higher on ACT English Language Arts
- Completed a college English composition course with a C or better prior to enrollment at UCI
- Complete Writing 37, 39A, or 39AP with a grade C or better after enrollment at UCI
University Requirements

American History and Institutions

This requirement may be met by one of the following options:

• Completion of a one year course in U.S. History at an accredited high school with a grade C or better OR a half year course in U.S. History and half year course in American Government with a grade C or better

• Score of 3, 4, or 5 on AP U.S. History Exam

• 550 or better on SAT Subject Test U.S. History

• Completion of Political Science 21A & 1 U.S. History Course (HIST 40A, 40B, or 40C) OR completion of HIST 40A, 40B, 40C at UCI with grades C or better
General Education Requirements

I. Writing
II. Science and Technology
III. Social and Behavioral Sciences
IV. Arts and Humanities
V. Quantitative, Symbolic, and Computational Reasoning
VI. Language Other Than English
VII. Multicultural Studies
VIII. International/Global Issues

GE II and V will be satisfied with Engineering major requirements!
I. Writing

- Lower Division Writing (2 courses required)
  - Writing 37 and 39C OR Writing 39B and 39C
- Students with a ‘B’ or better in Writing 37 or Writing 39B can choose to take Writing 30 or 31 instead of Writing 39C
- Students who placed into Writing 37 MUST take it!
- Requirement must be completed before the start of the 7th quarter
- Must receive a minimum grade of C or better to satisfy LDWR
- Students who scored a 4 or 5 on AP English Lang or Lit will receive credit for Writing 39B and are cleared to enroll in Writing 39C*

*This option MAY not apply for students who are in Campuswide Honors Collegium
I. Writing Cont…

• Upper Division Writing (1 course)
• ALL Engineering Students are required to complete ENGR 190W with the exception of Biomedical Engineering Premed majors
• Must receive a minimum grade of a ‘C’ or better
III. Social and Behavioral Sciences

• Must complete three courses in this category
• Refer to new student handbook for a list of approved courses

Examples of Subject Areas
• Anthropology
• Economics
• International Studies
• Political Science
• Psychology
• Social Ecology

Civil and Environmental majors will satisfy this category with major requirements: Econ 20A or 23, Econ 20B and SOCECOL E8 or CEE 60

Aerospace and Mechanical majors will take Econ 20A or 23 to satisfy one course of the three required

Honors students will complete Honors Social Science Core
IV. Arts and Humanities

- Must complete three courses from the GE approved list

- Examples of Subject Areas
  - Art
  - Classics
  - Drama
  - History
  - Music
  - Philosophy

Students can NEVER use one course to double count for GE III and IV
VI. Language Other Than English

• Can be satisfied by the following:
  • Three years (or level three) of high school study in same language
  • Score of 3, 4, or 5 on AP Exam in a language other than English
  • 570 or higher on SAT Subject Test in a language other than English
  • Approved course of study in an Education Abroad Program
  • Completing a UCI ‘1C’ language course
  • Exemption Test
VII. Multicultural Studies

• Must complete one course from approved list

VIII. International/Global Issues

• Can be satisfied by the following:
  • Must complete one course from approved list
  • If student completed four years (or level four) of same language in high school

Students may use one course to satisfy two categories in
III & VII
III & VIII
IV & VII
IV & VIII

*Please refer to approved GE list to see which courses can double count*
School of Engineering Requirements

• Senior Design Project
• Major Requirements
• 19-26 engineering design units
Program in International Engineering (PIE)

- Five year double major that prepares students to work in another country
- Double major in Engineering major and...
  - Korean Literature and Culture B.A.
    OR
  - German Studies B.A.
- Students participate in an education abroad program and may participate in an internship abroad
- Eligibility
  - Completion of first year
  - 3.0 GPA
  - Three years in high school of language or level 1C at UCI in emphasis
Policies and Procedures
UC Policy on Confidentiality

What does this mean for you?
• Students MUST be the point of contact with any campus official
• Information that CANNOT be released:
  • Grades
  • Class Schedule
  • Academic status
• Release form for engineering students

• By law, the Engineering Student Affairs Office and other UCI officials may not release any student information to ANYONE without written consent from the student.
Academic Honesty

• Academic dishonesty is unacceptable!!!
• Consequences can range from:
  • A failing grade on assignment
  • A failing grade in course
  • Not eligible for Latin Honors
  • Dismissal from the University
• Complete policy in catalogue
Catalogue Rights

• Assigned based on year of matriculation
• May choose to follow subsequent catalogue years
Add/Drop/Change Deadlines

- Adding a course
  - Friday of 2nd week each quarter
- Dropping a course
  - Friday of 2nd week each quarter
- Change of grade option
  - Friday of 2nd week each quarter

Any requests after these deadlines will be carefully reviewed on a case-by-case basis. This is an online process.
Grades

- **Letter Grades:** A, B, C, D, F
  - Affects GPA
  - All required engineering courses must be taken for a letter grade
- **Pass/No Pass Grades:** P or NP
  - Does not affect GPA
  - GE courses can be taken for pass/no pass
  - ‘C’ or higher = pass, ‘C-’ or lower = no pass
- **Repeating Classes**
  - Up to 16 units can be replaced
  - Following that, course grades are averaged
  - Can only retake courses that were ‘C-’ or lower
Academic Standards
Not Making Normal Progress

- Failure to complete UC Entry Level Writing Requirement before beginning of 2nd year.
- Failure to complete Lower Division Writing Requirement by beginning of 3rd year
- Students required to take AC ENG courses may be granted additional quarters if reason for not meeting above standards is reasonable
- Failure to complete 12 units in any given quarter
- Failure to maintain a 2.0 GPA in:
  - All coursework
  - All engineering coursework
  - All upper division engineering coursework
Academic Probation (AP)

• Academic Probation
  • GPA below 2.0 (cumulative, quarterly, engineering courses, and/or upper division engineering courses)

• Subject to Disqualification for FIRST YEAR Students
  • Required to EXIT Engineering – no appeals permitted
  • Quarterly GPA below 1.5
  • GPA below 2.0 for two consecutive quarters

• Subject to Disqualification after your 1st year
  • Sign three quarter academic contract
  • Quarterly GPA below 1.5
  • GPA below 2.0 for 2 consecutive quarters
Resources
Academic Support Resources

• Learning and Academic Resource Center ALP 3500
  • Campus wide academic assistance program
  • Workshops/tutorials
  • www.larc.uci.edu

• Departmental Tutoring (free)
  • Math/Physics/Chemistry
  • Schedule -- https://ps.uci.edu/stuaff/content/tutoring

• Writing Center (free) 193 Science Library
  • Writing specialists
  • Peer tutors
  • http://www.writingcenter.uci.edu/about/services/
Office of Access and Inclusion (OAI)

• Provides FREE one-on-one mentoring and academic support for engineering prerequisite courses (math, physics, chemistry, programming), lower division engineering courses as well as many upper division courses.
• Find out more information at http://tech.uci.edu/access/index.php
Satisfactory Academic Progress Agreement

• Normal progress
  • 12 units each quarter
  • 2.0 GPA -- quarterly, cumulative
• 1.5 rule -- first year students
  • Quarterly GPA below 1.5 -- Fall, Winter, Spring
  • 2 consecutive quarters below 2.0
• Academic resources reviewed
  • LARC
  • OAI
  • Departmental tutoring
  • Writing Center

**All students are accountable for their own enrollment and degree progress**
Email Etiquette

From: imawesome@me.com

I can’t get in my classes.
From: Peter.Anteater@uci.edu

Hello Ushma,
I have a few questions regarding course enrollment. All the courses I have on my plan of study are either full or are major restricted, what courses should I enroll into instead?

Best,
Peter The Anteater
12345678

**All email communication must be sent from your UCI Email Account**
Engineering Undergraduate Student Affairs

- Contacting the Office
  - Telephone: (949) 824-4334
  - Website: undergraduate.eng.uci.edu
  - Email: uengr@uci.edu

- Location
  - Rockwell Engineering Center (REC) 305

- Office Hours
  - Monday - Friday 8:30 a.m. - 12:00 p.m. & 1:00 p.m. - 4:30 p.m.
Academic Advising
Why?
Class planning/resources/change of major/minors/support
We are here to help!
Meet with an academic advisor at least once a year.
Degreeworks is a useful tool but does NOT replace guidance from a counselor.
It is the student’s responsibility to make sure all degree requirements are met and seek guidance as and when needed.
Peer Advisors

• Walk-in advising is available in REC 305 during posted hours
  • uengr@uci.edu

• Top reasons to meet with a Peer Advisor:
  • Asking those general “quick questions”
  • Change of Major requirements
  • Basic Degree Audit Updates
  • Community College classes
  • Summer Session
  • Resource referrals
Faculty Advising

• Top reasons to contact your Faculty Advisor:
  • Discuss you major
  • Learn about potential career options
  • Learn about internship opportunities
• All students are required to attend 1 Faculty Advising session per year
  • Presented by faculty
  • Required for accreditation
  • Not the same as meeting with an academic advisor
• Email notification regarding date/time
• Failure to attend will result in a hold for following term enrollment
• CEE advising will take place in 1st week of Fall 2019. Info to follow
Social Media

UCI Engineering Student Affairs

www.facebook.com/engroffice

@engroffice

@engroffice
Freshmen Fall Advising Workshop

• Mandatory advising for all Freshmen
  • Discuss winter and spring schedule
  • Review resources

• Notified via email
  • Register online
  • Failure to attend will result in an academic hold on enrollment
Contact Us

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Welcome to UC Irvine and The Henry Samueli School of Engineering!