FRESHMEN ORIENTATION
THE HENRY SAMUELI SCHOOL OF ENGINEERING
2018
Purpose of Orientation

• Prepare students for fall quarter
• Explain academic requirements and standards
• Explain policies and procedures
• Provide UGSA contact information
• Develop a plan of study for fall
• Enroll in classes for fall
UCI Academic Structure

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

- Arts
- Biological Sciences
- Business
- Engineering
- Information & Computer Sciences
- Physical Sciences
- Social Ecology
- Social Sciences
- Health Sciences
Important Offices & Departments

- Admissions
- Financial Aid
- Registrar
- Housing
- Learning & Academic Resource Center
- Counseling Center
- Career Services
- Parking
- Disability Services
- Student Health
- UCI Libraries

These offices serve the entire student body. As long as you are an enrolled UCI student, you may take advantage of these resources.
Things To Do...

• Get your UC photo ID card – The Hill
• Update local address with Registrar’s Office
• Complete FIRST training tutorial (hold will be placed if not completed by end of Week 7)
  • [http://first.uci.edu/](http://first.uci.edu/)
• Visit [laptops.eng.uci.edu](http://laptops.eng.uci.edu) for information on laptop requirements
On Campus

- Move-In Weekend (Sept 22nd to 23rd)
- Welcome Week (Sept 24th – Sept 28th)
- New Student Convocation
  - TBA, Bren Events Center
- Dean’s Welcome
  - Further info to follow
- Anteater Involvement Fair
- Classes begin Thursday, Sept 27th!
  - Labs and discussions will begin after 1st lecture
Health Insurance

• Students are automatically enrolled in UCSHIP
• Students can “waive out” of the plan if they can demonstrate they have comparable coverage
• Must submit request online by Sept 7th
• Complete details available at Student Health Center at: www.shs.uci.edu
Paying Tuition & Fees

• Fee Deadline: Sep. 17th, 4:00 p.m. (in person), 5:00pm (online)
  • Not a postmark deadline!
• Paperless Billing: pay ZOTBill online
  • [https://zotaccount.uci.edu](https://zotaccount.uci.edu)
  • search “zotaccount” on UCI home page
• If you have Financial Aid...
  • Aid is applied to fees automatically once you enroll in 6 minimum required units
  • Must enroll in 6 MRU’s by fee deadline
  • Must enroll in 12 units by start of classes
You should have already...

- Sent ALL transcripts to Admissions
  - Due Date: July 1st
- Sent all AP and IB scores to Admission
  - Due Date: July 15th
- Taken placement tests:
  - Analytical Writing
  - MAPP
  - Math 2A – if necessary
  - ENGR 1A

**holds have been placed by Admissions
How we determine math placement...

- SAT Math score:
  - 450 & below = Math 1A
  - 451 – 649= Math 1B
  - 650+ = Math 2A

- ACT Math score:
  - 29+ = Math 2A
  - Below 650/29– encouraged to take placement test for possible start in Math 2A*

*Not starting in Math 2A could result in a 5 year plan of study
AP Exams

- We also use AP exams for course credit and/or placement
- For example:
  - Calculus AP AB score 3 = Math 2A placement
  - Calculus AP AB score 4 or 5 = Math 2B placement
  - Calculus AP BC score 3 = Math 2B placement
  - Calculus AP BC score 4 or 5 = Math 2D placement
- IB Math Higher Level score of 5 or 6 or 7 = Credit for Math 2A
ALEKS For Calculus Placement

- [https://www.aleks.com/uci](https://www.aleks.com/uci)
- How to enroll in the ALEKS placement program:
  - Purchase access online, $20.
  - Must complete 80% mastery to enroll into Math 2A

- These are PROCTORED exams. You have two options in regards to the proctoring:
  - Option 1: Register to take the placement exam in person.
  - Options 2: Sign up to take the placement exam via our online proctoring service, ProctorU. Additional $19 & must have a webcam!
Physics Placement

• AP test scores of 4 or 5 in Physics C Part I or II will place you into Physics 7C-LC

Math Assessment for Physics Placement (MAPP) Test $20
• SCORE: 24/32 (multiple choice) to enroll in Physics 7C
• Cleared to enroll 3 business days after test
• Test is online

Physics 2 Online Course $364
Online summer course. Once completed you will be cleared to enroll 3 working days after completion pending Math requirements.

www.testingcenter.uci.edu

**DO NOT ENROLL IN PHYSICS 3A**
ENGR 1A/CHEM 1A

- ENGR 1A- Aerospace, Mechanical, Civil, Environmental, Materials, Electrical
- CHEM 1A- Biomedical, Biomedical Premed, Chemical
- Not a requirement for CSE or Computer Engineering
- AP CHEM 4 or 5 = Credit for ENGR 1A/CHEM 1A
Engineering Chemistry Refresher Course-ENGR 1A

• Who takes it?
  • Civil, Environmental, Aerospace, Mechanical, Materials Science, Electrical
    • Chem AP score 4 or higher = ENGR 1A credit
    • Chem AP score 2 or 3 = ENGR 1A placement
    • Chem SAT Subject score 550 or higher = ENGR 1A placement

• 85% mastery required for ENGR 1A
  • Deadline is September 17th
• 100% mastery = 5% extra credit
  $30 fee paid to ALEKS
  www.aleks.com/uci/engchem
Chemistry 1A

(BME, BME: PRE, ChemE)

Chem 1A

SAT Math Score 600 or higher?
  yes
  no

ACT Math Score 27 or higher?
  yes
  no

AP Chem Exam, score 3 or higher?
  yes
  no

SAT Chem subject Test score 700+?
  yes
  no

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

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

Student is not eligible for Chem 1A and you should recommend one of the following:
- Take Chem 1P in Summer Session (preferred)
- Complete Pre-Chemistry Univ. Prep. Program thru UNEK. $125
- Take ALEKS “Preparation for Chemistry” learning module. $30

THE HENRY SAMUELI SCHOOL OF ENGINEERING
AP Comp Sci

- Score of 3/4/5 = Credit for MAE 10/EECS 12/EECS 10
- Score of 5 for CSE majors = enroll into ICS 32A
  - Students who have credit for a programming course at a community college may also enroll into ICS 32A
  - Students must be enrolled into the course by an advisor

For a complete listing of AP exams, please check the online catalogue.
A-Level & IB Scores

Cambridge A-Level exams only: Grade of A, B, or C
- Chemistry= CHEM 1A-B-C
- Economics= ECON 20A and 20B
- Mathematics = Math 1B
- Physics= Physics 7C

IB Score of a 5, 6, or 7 in Economics satisfies Econ 20A and 20B.
IB Score of 6 or 7 English Language A: Language and Literature (Standard Level) satisfies Entry Level Writing Requirement.
IB Score of 5, 6, or 7 in Mathematics satisfies Math 2A.
Academic Requirements

- University Requirements
- General Education (GE) Requirements
- Requirements for one major
University Requirements

• **Entry Level Writing Requirement**
ELWR must be completed by the end of the 4th quarter – students taking AC ENG courses will be allowed additional quarters if necessary. May complete this requirement by:
  • Pass UC Analytical Writing placement exam
  • Scored 680 or higher on SAT, Evidence-Based Reading & Writing
  • Scored 3 on AP English exam
  • Scored 5 or higher on IB Higher-Level English A exam
  • Scored 6 or higher on IB Standard Level English
  • Scored 30 or higher on ACT combined Eng/WR
  • Scored 30 or higher on ACT English Lang. Arts
  • Completed college-level English Composition course prior to entering UCI
University of California Requirements

**American History and Institutions**

To meet American History & Institutions Requirement:

- Complete 2 UCI courses
  - US Government (Political Science 21A) & 1 US History course (Hist 40A, 40B or 40C)
- Complete 3 UCI courses
  - Hist 40A, 40B & 40C
University Requirements

- Complete a minimum of 180 quarter units
- 2.0 GPA
  - in all University of California courses
  - in all major courses
  - in all upper division engineering courses required
- Residency Requirement
  - 36 of last 45 units earned must be from UCI
UC Irvine Requirements

General Education Categories:

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 completed as an Engineering major.**
I. Writing Requirement

- Lower Division: 2 courses
- Must be completed before the beginning of the 7th quarter, “C” or better
- Writing 37 and 39C   OR
- Writing 39B and 39C
- Students with a “B” or better in 37 or 39B can opt to take Writing 30, or 31 instead of 39C*
- Students placed into WR 37 must take WR 37 (WR 39A and 39B are not an option)

**Scored 4 or 5 on either AP English exam gives you credit for WR 39B (for Incoming Freshmen 2018 only)**

*This option MAY not apply to students in Campuswide Honors Program.
I. Writing Requirements continued...

- Upper Division: 1 course
- Complete one upper division approved Writing course with a “W” suffix
- Minimum “C” grade
- Some upper division courses have major restrictions
- ALL Engineering students must take ENGR 190W with the exception of BME: P
III. Social and Behavioral Sciences

Must complete 3 courses from list

- Anthropology
- Economics
- Geography
- Interdisciplinary
- Linguistics
- Political Science
- Psychology
- Social Ecology
- Sociology

*Civil & Environmental majors will complete this Category with major requirements—Econ 20A or Econ 23, 20B & SE 8.
*ME and AE majors will take Econ 20A or Econ 23.
*CHP students will complete Honors Social Science Core.
IV. Arts and Humanities

- Must complete 3 courses from list
  - Arts
  - Humanities
  - Interdisciplinary
  - Literature

**Students may not use a GE course to double count for GE III and GE IV.**
VI. Language Other Than English

• Can be satisfied by:
  • 3 years (or level 3) of HS study in same language
  • Score of 3, 4 or 5 on AP Exam in a language other than English
  • Score 570 or higher on SAT II in a language
  • Approved course of study in an EAP Program
  • Completing a UCI “1C” language course
  • Placement/Exemption Test to test out
VII. Multicultural Studies
- Must complete one course from approved list

VIII. International/Global Issues
- Must complete one course from approved list
- 4 years (or level 4) of same language will satisfy this category

**Students may use a GE course to satisfy two categories (example: III & VII, IV & VIII but never III & IV).**
Other Options for GE Requirements

If you are interested in this option please speak to your counselor.

• Humanities Core
HSSOE Requirements

- School of Engineering Requirements
- 48 units of mathematics and basic science
- 72 units of engineering topics courses
- Senior design project
- Major Requirements
- 19 - 26 engineering design units
Program in International Engineering (PIE)

- 5 year double major that prepares students for work in another country
- Internship and/or courses at university in another country
- Eligibility
  - Completion of 1st year of engineering
  - 3.0 GPA
  - 3 years in HS of language in emphasis or level 1C at UCI related to desired program
- Double major in Engineering major (B. S.) and...

School of Humanities
- Japanese Language and Literature B. A.
- Korean Literature and Culture B. A.
- Chinese Studies B. A.
- East Asian Cultures Studies B. A.
- German Studies B. A.
- Spanish B. A.
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
  - dismissal from the University
  - not eligible for Latin Honors
- Complete policy in catalogue

**turnitin.com**
Catalogue Rights

• Students enrolled at UCI from their freshman year may elect to meet as graduation requirements*
• those requirements in effect at the time of entrance; OR
• those subsequently established
• Complete policy in catalogue
Add/Drop/Change Deadlines

• Adding a course
  • Friday of the 2nd week of the quarter
• Dropping a course
  • Friday of the 2nd week of the quarter
• Change of grade option
  • Friday of the 2nd week of the 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/Not Pass Grades: P or NP
  • Does not affect GPA
  • GE courses can be taken Pass/Not Pass

• Repeating Classes
  • Up to 16 units can be replaced
  • Following that, course grades are averaged
Academic Standards
Not Making Normal Progress

- Failure to complete UC Entry Level Writing Requirement before beginning of 2\textsuperscript{nd} year*
- Failure to complete Lower Division Writing Requirement by beginning of 3\textsuperscript{rd} year*
- 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

*Students required to take AC ENG courses may be granted additional quarters
Academic Probation (AP)

• Academic Probation
  • GPA below 2.0 (quarterly, in ENGR courses, in upper division ENGR courses, or cumulatively)

  • **Subject to Disqualification 1st year**
    • Required to EXIT Engineering – no appeals permitted
      • Quarterly GPA below 1.5
      • GPA below 2.0 for 2 consecutive quarters

  • Subject to Disqualification after your 1st year
    • Sign 3 quarter academic contract
      • Quarterly GPA below 1.5
      • GPA below 2.0 for 2 consecutive quarters
The Learning and Academic Resources Center (LARC)

• Campus wide academic assistance program in Math, Science, Writing, Study Strategies, Critical Reading, etc.
  • Tutorials/Workshops/Classes
  • Paid service
  • Located in Rowland Hall 284

Departmental Tutoring

• Math/Physics/Chem
• Free
• Tutoring schedules can be found at https://ps.uci.edu/stuaff/content/tutoring.
Office of Access and Inclusion

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

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

From: imawesome@me.com

I can’t get in my classes.
Email Etiquette

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 via your UCI Email Account**
Advising 101

Where to go and who to talk to

- Academic Advisors
- Peer Academic Advisors
- Faculty Advisors
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
Walk In Advising

- Academic Advisors
- Peer Advisors

- Posted each week in the office
- Posted most weeks on Instagram and Facebook
Faculty Advising

Top reasons to contact your Faculty Advisor:

• Discuss your major
• Learn about potential career options
• Learn about internship opportunities.

• All students are required to attend 1 Faculty Advising session per year
  • done 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 2018. Info to follow.
Social Media

UCI Engineering Student Affairs

www.facebook.com/engroffice

@engroffice

@engroffice
Freshmen Fall Advising Workshops

- Mandatory advising for all freshmen
  - Discuss Winter schedules
  - Review resources
- Notified via email
- Register online
- Failure to attend will result in hold on enrollment
Contact Us

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clking@uci.edu

Ushma Patel
Academic Advisor
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Maggie Anderson
Academic Advisor
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Arianna Warner
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Welcome to UCI and The Henry Samueli School of Engineering!