

## UC Davis pre-M.Eng. Academy

UC Davis is pleased to offer a summer preparation academy for students admitted into the Chemical Engineering Masters in Engineering Program. This unique academy is designed to prepare newly admitted students for the rigorous academic environment at UC Davis. Students will study and take academic coursework designed to enhance their oral and written communication abilities while ensuring they are sufficiently grounded in the unique approach to Chemical Engineering practiced at UC Davis. Additionally they will be provided with personalized support, assistance, and a range of cultural activities through the UC Davis Global Study Program.

Summer is an ideal season to visit UC Davis and take advantage of the cultural and recreational activities in the region including Lake Tahoe, the Napa Valley, and the Bay Area. During the summer, UC Davis becomes a quiet, peaceful oasis of learning with convenient access to vibrant city life and scenic national parks.

### Program Outline

UC Davis will offer a combination of courses drawn from relevant fields including the University Writing Program alongside a seminar in Chemical Engineering and supplemental workshops related to delivering scientific presentations and cross-cultural communication skills.

Following completion of the program students will begin their graduate program.

### Academic Calendar

	Summer Session I	Summer Session II
<b>Application Due</b>	April 1	April 1
<b>Instruction Begins</b>	June 22	August 3
<b>Instruction Ends</b>	July 31	September 11
<b>Academic Holidays</b>	July 3	September 7

## **Schedule of Courses (Sample)**

### **Summer Session I**

#### Core Academic Courses (6 UC quarter units):

UWP 25 – Academic Writing for ESL Students. Writing skills necessary for upper division courses, including skills crucial to writing lab and project reports, summaries, critiques, abstracts, and responses to exam questions. Includes practice with the syntax, grammar, and vocabulary characteristics of academic writing.

ECH 198 – Engineering Skills Seminar

#### Supplemental Non-Credit ESL course (10hrs):

Public Speaking Skills: This course focuses on how to make a general presentation in English and also how to be an active audience member. Basic organizational structure of public speaking and useful verbal and non-verbal public speaking techniques such as tone of voice, pace, gestures and eye-contact from a linguistic point of view. How to give feedback and ask effective questions during academic and professional talks.

### **Summer Session II**

#### Core Academic Courses (6 UC quarter units):

UWP 102E – Writing in the Disciplines: Engineering. Advanced instruction in writing in engineering.

ECH 198 – Chemistry Skills Seminar

#### Supplemental Non-Credit ESL course (10hrs):

U.S. Research Culture: This course focuses on improving the participants' ability to engage with the research environment at UC Davis and the United States more broadly. Addresses the history and development of the research university, key factors driving success at UC Davis (including interdisciplinary research, the willingness to challenge accepted knowledge, and a focus on public service) along with an overview of the role of private and public research funding.

## **Accommodations**

Students will have the choice of staying in on-campus housing, in off-campus homestays with local families, or in off-campus housing they coordinate personally. Additional housing details will be provided separately.

## **Visa Regulations**

Students staying in the U.S. with an F-1 student visa must be enrolled full-time in academic coursework. They are required to attend all of their courses and make good academic progress.

## **Application and Admission Procedures**

International students who are admitted to the UC Davis Chemical Engineering Masters in Engineering Program are strongly encouraged to apply. Applications will be submitted online here: <https://cie.ucdavis.edu/applications/global-study-program-application>.

## **Program Costs**

The tuition and fees for the UC Davis Chemical Engineering Summer Academy 2020 are \$9,945 per student. The program tuition and fees include pre-arrival assistance and orientation, on-going academic advising support, course registration fees, emergency & extensive student services (library privileges, Activities and Recreation Center membership, student clubs, etc.). The program fees do not include accommodations, meals, or health insurance.