

International Summer Program at UC Irvine

2024 Overview

July 22 – August 2, August 5 – 16, August 19 – 30, September 3 – 13

Introduction

UCI DCE International Summer Program allows motivated domestic and international students over the age of 18 to meet and study at a Top 10 public university in small classes focused on Project- and Skill-Based Learning. Students enroll in 1-3 concurrent courses over the course of 2-, 4-, 6-, or 8-week sessions. Multiple program intakes and flexible schedules allow for culturally diverse classrooms while individual course prerequisites ensure an appropriate level of instruction for all students.

Additionally, students will have the opportunity to attend a variety of special presentations, tours, advising sessions, and social events over the course their program, interacting with students from various summer programs and courses. UCI dormitory housing and programming will also be available. Students will build practical skills, gain invaluable experience, and become better prepared to attend a competitive university or start a career.

Course content and schedules are subject to change at the University's discretion. All courses taught in English and open to international and domestic students. Courses with less than 15 students enrolled may be cancelled. Courses are graded on an A-F scale (letter grades).

Benefits

- **Enhance** your resume or university applications by taking undergraduate-level courses taught by UCI faculty or field experts.
- **Get involved** with project-based learning in some of UCI's strongest fields of study: computer science, engineering, business, humanities, and more.
- **Develop** academic writing, critical thinking, presentation, and career-ready skills.
- **Learn** about UCI and how to enhance your academic and professional career.

Program Requirements

- All courses are open to students aged 18 and older.
 - Domestic students aged 15 and older are eligible to attend with parental consent.

- International students MUST take at least one of the following courses:
 - Speaking & Listening; or
 - Advanced Writing Composition
- Students MUST meet the individual course prerequisites (below).
- F-1 visas are required for non-immigrant students who:
 - Enroll in 18 or more hours per week of Academic English courses; and/or
 - Enroll in any 400-level academic course.
 - NOTE: I-20s will only be issued for lengths of study 4-weeks or greater.
- B-2 visas or ESTA waivers are required for non-immigrant students who:
 - Enroll in less than 4-weeks of study;
 - Enroll in less than 18 hours per week of Academic English courses; and/or
 - Do NOT enroll in any 400-level academic course.

Individual Course Prerequisites

REQUIRED COURSES (International students MUST take one)		
Course Title	Units/Hours	Prerequisite
Advanced Writing Composition **	2 units / 20 hours	iBT TOEFL 60 or equivalent
Speaking & Listening (ESL) – Levels A-E **	1.5 units / 13.5 hours	none
OPTIONAL COURSES		
Course Title	Units/Hours	Prerequisite
American Culture (ESL) – Levels A-E **	1.5 units / 13.5 hours	none
Business Communication **	1.5 units / 13.5 hours	iBT TOEFL 60 or equivalent
ESL for Pharmacy & Biology **	1.5 units / 13.5 hours	none
Expressive Design with IoT Devices and Robots *	3 units / 30 hours	I&C SCI X426.64 Introduction to Python Programming or equivalent experience; iBT TOEFL 60 or equivalent
Healthcare Management *	3 units / 30 hours	iBT TOEFL 60 or equivalent
International Finance, Trade, and Supply Chain *	2 units / 20 hours	iBT TOEFL 60 or equivalent
Intro to Analyzing Data	1.5 units / 15 hours	iBT TOEFL 60 or equivalent
Intro to Machine Learning & AI *	3 units / 30 hours	I&C SCI X426.59 Intermediate Python or equivalent experience; iBT TOEFL 60 or equivalent
Intro to U.S. Law: Contracts *	2.5 units / 24 hours	Prior coursework in law; iBT TOEFL 60 or equivalent
JavaScript Programming *	1.5 units / 15 hours	Basic HTML knowledge; iBT TOEFL 60 or equivalent
Leadership & Project Management	1 unit / 10 hours	iBT TOEFL 60 or equivalent

* 400-level course. Requires F-1 visa for non-immigrant students.

** Academic English course. Requires F-1 visa if non-immigrant students enroll in 18 or more hours per week.

Course Schedule

Courses that are offered multiple times will not repeat curriculum, allowing students to continue a course, such as *Speaking & Listening*, for up to 8 weeks.

Various **site visits** (e.g. campus labs, facilities, and academic departments), **guest lectures**, and **cultural activities** will be offered each two-week session to all students at *no additional cost* to students.

July 22-Aug 2, 2024	Aug 5-16, 2024	Aug 19-30, 2024	Sept 3-13, 2024
	Leadership & Project Management (1 unit)		
	ESL for Pharmacy & Biology ** (1.5 units)		
JavaScript Programming (1.5 units)	Intro to Analyzing Data (1.5 units)		
Intro to US Law: Contracts * (2.5 units)			
Healthcare Management * (3 units)			
International Finance, Trade, and Supply Chain * (2 units)			
Expressive Design with IoT Devices and Robots * (3 units)			
Intro to Machine Learning & AI * (3 units)			
Advanced Writing Composition ** (2 units)	Advanced Writing Composition ** (2 units)	Leadership & Project Management (1 unit)	
Business Communication ** (1.5 units)	Business Communication ** (1.5 units)	Business Communication ** (1.5 units)	Business Communication ** (1.5 units)
American Culture ** (1.5 units)	American Culture ** (1.5 units)	American Culture ** (1.5 units)	American Culture ** (1.5 units)
Speaking & Listening ** (1.5 units)	Speaking & Listening ** (1.5 units)	Speaking & Listening ** (1.5 units)	Speaking & Listening ** (1.5 units)

* 400-level course. Requires F-1 visa for non-immigrant students.

** Academic English course. Requires F-1 visa if non-immigrant students enroll in 18 or more hours per week.

Required courses in **bold**.

Courses with less than 15 students enrolled may be cancelled.

Deadlines

April 1, 2024	Early Bird Discount – Applications received prior to April 1, 2024 will receive a 15% discount on à la carte tuition fees. There is no additional discount on package fees.
May 1, 2024	UCI Dormitory Deadline – Students MUST apply for UCI Dormitory Housing, including program packages with UCI Dormitory Housing, and pay \$400 housing deposit prior to May 1, 2024 to guarantee space.
May 25, 2024	Application Deadline – All applications are due prior to May 25, 2024. Late fees may be applied to applications submitted after this date.
June 28, 2024	Payment Deadline – All outstanding program fees MUST be paid prior to June 28, 2024. Students with outstanding balances after this date may be dropped from the program.

Fees (in USD)

I. Program Packages

A. 2-Week Academic Session *with* UCI Dorms (B-2 visa or ESTA waiver required)

Package Fee:	<u>\$3,080</u> Includes: all application and student services fees, tuition for two courses, info session & guest lectures, 14 nights in shared UCI dorm room, and three meals per day Not included (but not limited to): Airfare and weekend activities
Optional Fees:	\$150 Roundtrip Airport Transfer \$100 UCI Health Insurance
Course Options:	2-Week Academic Session A: July 22 – August 2, 2024 <ul style="list-style-type: none"> • Academic Writing Composition (required); and • JavaScript Programming 2-Week Academic Session B: August 5 – August 16, 2024 <ul style="list-style-type: none"> • Academic Writing Composition (required) and <i>one</i> of the following: <ul style="list-style-type: none"> ○ Intro to Analyzing Data; or ○ Leadership & Project Management

B. 2-Week ESL Session *without* housing (B-2 visa or ESTA waiver required)

Package Fee: \$1,375
Includes: all application and student services fees, tuition for two courses, info session & guest lectures, and 8 hours of conversation partner meetings

Not included (but not limited to): Airfare, housing, meals, transportation to campus, weekend activities

Optional Fees: \$150 Roundtrip Airport Transfer
\$100 UCI Health Insurance

Course Options: **2-Week ESL Session A: August 5 – 16, 2024**

- Speaking & Listening (required) and *one* of the following:
 - Leadership & Project Management;
 - American Culture;
 - Business Communications; or
 - ESL for Pharmacy & Biology

2-Week ESL Session B: August 19 – 30, 2024

- Speaking & Listening (required) and *one* of the following:
 - Leadership & Project Management;
 - American Culture; or
 - Business Communications

2-Week ESL Session C: September 3 – 13, 2024

- Speaking & Listening (required) and *one* of the following:
 - American Culture; or
 - Business Communications

C. 4-Week Academic Session *with* UCI Dorms (F-1 visa required)

Package Fee: \$5,600
Includes: all application and student services fees, tuition for two courses, info session & guest lectures, 28 nights in shared UCI dorm room, and three meals per day

Not included (but not limited to): Airfare and weekend activities

Optional Fees: \$150 Roundtrip Airport Transfer
\$100 UCI Health Insurance

Course Options: **4-Week Academic Session: July 22 – August 16, 2024**

- Academic Writing Composition (required) and *one* of the following:
 - Healthcare Management;
 - International Finance, Trade, and Supply Chain;
 - Expressive Design with IoT Devices and Robots;
 - Intro to AI and Machine Learning; or
 - Intro to U.S. Law: Contracts

D. 4-Week ESL Session *without* housing (B-2 visa or ESTA waiver required)

- Package Fee: \$2,550
 Includes: all application and student services fees, tuition for two courses, info session & guest lectures, and 16 hours of conversation partner meetings
- Not included (but not limited to): Airfare, housing, meals, transportation to campus, weekend activities
- Optional Fees: \$150 Roundtrip Airport Transfer
 \$100 UCI Health Insurance
- Course Options: **4-Week Academic Session: August 5 – 30, 2024**
- Speaking & Listening (required) and *one* of the following:
 - Leadership & Project Management;
 - American Culture; or
 - Business Communications

II. À La Carte Course Fees

Required Fees

Application Fee	\$200 (non-refundable, one-time fee)
Student Services Fee	\$80 per 2-week session
Tuition	
1 & 1.5-unit courses	\$550 per course
2-unit course	\$800 per course
2.5 & 3-unit courses	\$1,200 per course
Early Bird Discount	15% tuition discount applied to applications received prior to April 1, 2024.
Late Fee	10% of tuition fees will be added to applications received after June 21, 2024. (non-refundable)

Optional Fees

UCI Housing Deposit	\$400 (non-refundable, due with application, applied to total housing balance)
UCI Dormitory Housing	\$1,700 per 2-week session (includes shared room and three meals/day)
Airport Transfer	\$75 (one-way, LAX-UCI)
UCI Health Insurance	\$100 per 2-week session
Materials Fee	\$250 for Expressive Design with IoT Devices and Robots course <u>only</u> . (non-refundable, due with tuition)

Refund Policy

- Cancellations must be requested in writing to DCE-ISP@ce.uci.edu
- Prior to the program start date: 100% of refundable fees.
- Prior to the end of the 2nd day of classes: 50% of refundable fees.
- No refunds after the 2nd day of classes.
- No refunds will be given if a student is dismissed.
- No other refunds will be given.

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(UCI In-Country Representative)

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Course Descriptions

International students **MUST** take one of the following:

Speaking & Listening

This course is offered at varying levels of English proficiency to help students improve their speaking and listening skills while learning about American culture. Students will learn and practice language appropriate for common everyday situations. The instructional methods used in the class are interactive and communicative, and students will have many chances to speak and participate during class.

Instructor: various

Recommended for: students interested in improving general English language skills

Prerequisites: none

Dates: July 22 – August 2, August 5 – 16, August 19 – 30, & September 3 – 13. **NOTE:** New content will be covered in each session.

Schedule: M-F, daily meetings will be held sometime 9am-12pm

Total Units: 1.5 (13.5 hours)

Academic Writing Composition

The goal of this course is to prepare advanced and native English speakers for academic writing at the collegiate level, particularly in relation to their chosen fields of study. Students will learn to develop and express ideas effectively for a variety of purposes (expository, analytic, and argumentative), audiences, and occasions. Students will also study and apply various rhetorical strategies used in different academic and professional disciplines. Students will be expected to identify the writing process, evaluate and use various types of evidence, identify and use effective prose, engage with others' ideas, and properly cite sources.

Instructor: Linda Gruen, Ph.D.

Recommended for: students interested in pursuing a degree in the U.S. who do not yet meet undergraduate English proficiency requirements

Prerequisites: iBT TOEFL 60 or equivalent

Dates: July 22 – August 2, August 5 – 16, August 19 – 30, & September 3 – 13. **NOTE:** New content will be covered in each session.

Schedule: M-F, daily meetings will be held sometime 9am-12pm

Total Units: 2 (20 hours)

Optional Courses:

American Culture

This course is offered at varying levels of English proficiency to help students learn about and understand selected topics in the culture of the US and Southern California and the principles behind them. Students will create a final project, such as a poster, presentation, skit, or video, to compare an aspect of American culture, such as a custom, holiday, or tradition, with their own culture.

Instructor: various

Recommended for: students interested in improving general English language skills

Prerequisites: none

Dates: July 22 – August 2, August 5 – 16, August 19 – 30, & September 3 – 13. **NOTE:** New content will be covered in each session.

Schedule: M-F, daily meetings will be held sometime 9am-12pm

Total Units: 1.5 (13.5 hours)

Business Communication

This course is designed to maximize oral participation and listening comprehension in a business context. Students will explore business topics and news while focusing on English listening comprehension and oral communication skills. Students experience authentic business language through group role-plays, discussions, and listening to current news and speeches by key business leaders.

Instructor: various

Recommended for: students interested in improving general business and career-related English language skills

Prerequisites: iBT TOEFL 60 or equivalent

Dates: July 22 – August 2, August 5 – 16, August 19 – 30, & September 3 – 13. **NOTE:** New content will be covered in each session.

Schedule: M-F, daily meetings will be held sometime 9am-12pm

Total Units: 1.5 (13.5 hours)

ESL for Pharmacy & Biology

The goal of this course is to help intermediate-level students improve their ability to use English in discussing and working with several topics related to pharmacy and biology, such as medical equipment and procedures, case studies, and life science research. They will learn and use new vocabulary related to the topics covered and practice describing causes and effects involved in those topics.

Instructor: various

Recommended for: students interested in improving general business and career-related English language skills

Prerequisites: none

Dates: August 5 – 16

Schedule: M-F, daily meetings will be held sometime 9am-12pm

Total Units: 1.5 (13.5 hours)

Expressive Design with IoT and Robotics

Skills in Python, computer hardware, and IoT devices have many applications and are highly sought after. The goal of this course is to build students' skills in these areas by designing and programming robots to complete a series of pre-determined tasks using Raspberry Pi single-board computers. In doing so, students will set up the Raspberry Pi environment, use Python-based IDE (integrated development environments) for the Raspberry Pi, and learn computer hardware. Students will work together in teams of 2-3 to build the robots. The course will culminate in a competition, putting students' programming and designs to the test. May the best robot win!

Instructor: Saleem Yamani, M.S.

Recommended for: students interested in developing Python skills

Prerequisites: [I&C SCI X426.64 Introduction to Python Programming](#) or equivalent experience; iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 3 (30 hours)

Materials Fee: \$250

Healthcare Management

With the pandemic of 2020, the delivery, receiving and payment for healthcare services has changed forever. Telehealth, movement to outpatient, unclear government regulations, and artificial intelligence are but a few of the trends that have now become the norm; and the business of healthcare must change as well. Healthcare business leaders must acquire new knowledge and skills in order for their organizations to survive and thrive in these tumultuous times. The change also presents a once-in-a-lifetime opportunity for students who can embrace this time of fundamental business transformation.

Instructor: various

Recommended for: students interested in a career in healthcare

Prerequisites: iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 3 (30 hours)

International Finance, Trade, and Supply Chain

Whether students plan to work for a global corporation or local business, it is vital to understand the distribution and financial systems of their target markets. In this course, students will discover the impact of the international financial markets in today's global economy and learn how and why international companies use the four financial markets – stock, bond, foreign exchange, and money – to manage their international financial operations. In addition, students will explore the supply chain including physical transportation, infrastructure, inventory and packaging, customs privileged facilities, developing efficient freight pricings, the role of service providers, and marine cargo insurance.

Instructor: Bradley Holt, M.P.I.A.

Recommended for: students interested in international business

Prerequisites: iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 2 (20 hours)

Introduction to Analyzing Data

Learn how to turn data into information for business goals. This Introductory analytics course starts with an overview of data analytics to introduce the different types of data and fundamental concepts behind collecting, storing, and analyzing data.

Instructor: Hasan Hboubati, M.S.

Recommended for: students interested in pursuing a degree in business or data analytics

Prerequisites: iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 09:00 – 18:00

Total Units: 1.5 (15 hours)

Introduction to AI & Machine Learning

This course introduces concepts and topics essential to AI and Machine Learning. Starting with a foundational understanding of machine learning models such as predictive analytics algorithms, logistic regression, artificial neural networks, and introductory natural language processing, students will also learn major concepts on the design, architecture, and applications of networks. The course will focus on practical knowledge and skills through practice exercises and project work designed to teach students how to implement machine learning algorithms using real-world examples. It is also the first course in the Machine and Deep Learning specialized studies certificate.

Instructor: Arin Ghazarian, Ph.D.

Recommended for: students who have completed coursework in Python

Prerequisites: [I&C SCI X426.59 Intermediate Python](#) or equivalent experience; iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 3 (30 hours)

Introduction to U.S. Law: Contracts

This course introduces international students to the structure and function of U.S. legal institutions and the common law system of adjudication, in which the law is drawn from judicial decisions (case law) rather than statutes or the Constitution. To study legal reasoning through case law, we will focus on the common law of contracts. In the classroom, we will practice the Socratic Method to promote active learning and critical thinking: through shared dialogues, students will participate in discussions and engage in common law reasoning. Students will also complete short written assignments throughout the course to practice legal analysis and writing.

Instructor: Maryam Meechka Zomorodian, J.D., Ph.D.

Recommended for: students interested pursuing a law degree

Prerequisites: prior coursework in law; iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 2.5 (24 hours)

JavaScript Programming

Learn how to make web pages more exciting and compelling by adding interactive features that react to externally-driven events. This introductory level course covers the fundamental concepts needed to write simple scripts in JavaScript and prepares students for further study in web programming. Students will learn about event handling and how to perform in-browser manipulation of the Document Object Model (DOM).

Instructor: Christian Hur, M.S.

Recommended for: students interested in acquiring marketable JavaScript skills

Prerequisites: experience with HTML; iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 1.5 (15 hours)

Leadership & Project Management

Leading successful teams is a goal that every project leader can attain by understanding team dynamics, leadership styles, organizational culture, and psychological needs. This course will provide a holistic view of teambuilding and introduce the foundation of behaviors and skills needed to deliver efficacious happy high-performance teamwork.

Instructor: Karen Nguyen, M.S.

Recommended for: students interested in building inter-disciplinary leadership skills

Prerequisites: iBT TOEFL 60 or equivalent

Schedule: TBD – classes will be held sometime M-F, 9am-6pm

Total Units: 1 (10 hours)

Selected Instructor Biographies

Arin Ghazarian, Ph.D.

Arin Ghazarian is currently a Senior Lead Machine Learning Engineer at Universal Music Group. Prior to that, he was Principal Data and Machine Learning Engineer at The Walt Disney Studios and Senior Big Data Engineer at 20th Century Fox. He has around two decades of experience in the areas of software engineering, data engineering, machine learning, and data science, specifically in domains like movie/music entertainment and health/medical fields. His PhD research focused on the application of machine learning to ECG analysis and privacy preserving data analysis in cardiology. He brings his years of experience in implementing large scale data analytics and machine learning projects to the classroom, preparing students to excel both in job interviews and in their real-world assignments in industry.

Linda Gruen, Ph.D.

Linda Gruen, Ph.D., has thirty years of teaching experience in public education. Her areas of teaching expertise are second language pedagogies and English composition. She has taught academic writing at UC Irvine and Loyola Marymount University.

Jason Gurtovoy, Ph.D.

Jason Gurtovoy is a Senior Economist and Data Scientist at REPSAS. He has worked in the Financial Services industry for over a decade in banking, investments, real estate, and as a consultant. He has 10+ years of experience teaching graduate and undergraduate courses in finance, economics, and data science. He has taught at UCI since 2017.

Bradley J. Holt, M.P.I.A., CEO of HSI, LLC.

Bradley J. Holt is the CEO of HSI, LLC an international trade and business development firm. He has two decades of international business experience, over 15 years focused on business development in the Asian marketplace. Prior to HSI, he served as the Asia General Manager of RPM's StonCor Group for seven years, and held management and marketing positions with GN Netcom (a large European communications company), and AT&T. His former clients include Asian and U.S. firms, spanning the fields of manufacturing, distribution, construction and engineering, architecture, design, entertainment, high technology, health care, and consumer products - such as Motorola, AMD, Intel, Budweiser, Lion Nathan, Baxter Healthcare, Glaxo Smith Kline, Roche, 3M, Bechtel, Fluor, L'Oreal, Huafei, Hangzhou TC, and Andrew Telecommunications, etc.

Christian V. Hur, M.S.

Christian V. Hur is an instructor and author who holds a Master of Science in Computer Information Systems with a concentration in Web Application Development from Boston University. His career in web technologies spans over 20 years and he has taught computer programming and web development courses at both the undergraduate and graduate level. In industry, he has built websites and web-based applications using various web technologies throughout his career. In addition to authoring books published by MC Press, he produces online training courses for Lynda.com and Packtpub.com.

Karen Nguyen, M.S.

Karen Nguyen, M.S., PMP, CSM has extensive experience in practicing and teaching project management framework, principles, and theories. Her passion is to deliver value and equip students with a distinctive blend of program management along with leadership skills for real-world experience and application. Karen is a recipient of the UCI Division of Continuing Education Alumni of the Year award, SoCal Most Powerful & Influential Woman of Diversity, and Phi Kappa Phi Honor Society for academic excellence. To help inspire others to achieve their success, Karen also does motivational speaking for organizations and charity events across the U.S.

Saleem M. Yamani, M.S.

Saleem M. Yamani has more than 20 years' experience in the embedded software engineering field. He has worked in design, and implementation of embedded software programming in various high tech industries, which include Computer, Networking and Hard Disk Drives. He has taught C programming language at Saddleback College for 2 years. Currently he has been teaching Embedded System courses at UCI Division of Continuing Education for past 10 years and is a Firmware Engineering Manager at Western Digital.

Maryam Meechka Zomorodian, J.D., Ph.D.

Maryam Meechka Zomorodian is Associate Director of Global Programs at University of California, Irvine School of Law, where she provides academic advising and develops programming for international Master of Laws (LL.M.) degree students. She is also a graduate of UCI Law (J.D., 2020). As a law student, she was the Senior Diversity and Outreach Editor for UC Irvine Law Review and a leader for Saturday Academy of Law, a pro bono project dedicated to promoting diversity in the legal profession. Prior to studying at UCI Law, Dr. Zomorodian was an academic advisor at University of Notre Dame, where she also taught courses for the University Writing Program, the Department of Film, Television, and Theatre, and the College of the First Year of Studies. Additionally, she had the privilege of teaching for Balfour-Hesburgh Scholars, a merit-based program for students from groups historically underrepresented in higher education. Dr. Zomorodian received her B.A. in English literature from University of California, Los Angeles, her M.A. from University of Chicago, and her Ph.D. in early modern English literature from University of Notre Dome

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