

**UNIVERSITY OF CALIFORNIA, IRVINE  
DIVISION OF CONTINUING EDUCATION**

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO  
SANTA CRUZ



• SANTA BARBARA •

**English Language & TEFL Programs**

Tel: 1-949-824-9061

Fax: 1-949-824-8065

Email: [ApplyEUR@ce.uci.edu](mailto:ApplyEUR@ce.uci.edu)

P.O. Box 6050

Irvine, California 92616-6050, U.S.A.

**2019 Experience University Research**

UNIVERSITY/GRADUATE PROGRAM OVERVIEW

AUGUST 4 – 24, 2019

**PROGRAM DESCRIPTION**

Experience University Research (EUR) for University and Graduate Students is an academically challenging and culturally immersive program designed to help highly motivated students take advantage of a Top 10 university campus, building practical skills and gaining invaluable experience as they further their academic and profession careers. This EUR Package is designed to accommodate both international students with high English proficiency (iBT TOEFL score of 60 recommended) and native English speakers over the age of 18. An F-1 visa is required for international students enrolling in this full-time program.

**EUR UNIVERSITY/GRADUATE PACKAGE DATES & FEES (I-20 required)**

Arrival/Housing Check-In:	August 4, 2019
Dates of Instruction:	August 5-23, 2019
Departure/Housing Checkout:	August 24, 2019
Application Fee:	\$200 per student <i>(due at time of application, non-refundable)</i>
Program Fee:	\$5,500 per student*
Housing Deposit:	\$200 per student <i>(non-refundable, applied toward Program Fee)</i>

Included with Program Fee:

- 60+ Hours of Academic Instruction (includes one elective course)
- 20+ Hours of Academic-Related Activities
- Shared Dorm Room
- Airport Transfers
- Health Insurance
- UC Admissions and Majors Presentations
- Campus and Lab Tours
- Conversation Partners
- Welcome and Farewell Lunches
- Grade Reports and UCI Certificates of Participation

Students may participate in optional cultural and educational activities for additional fees. More information at: <http://ip.ce.uci.edu/activities/field-trips-events-activities/>.

\* Some Electives may require an additional materials fee. Students may add multiple Electives for an additional fee.

Non-refundable fees, Application Fee and Housing Deposit (\$400 total), are due with application. All other fees are due 30 days prior to program start date.

Course schedules, instructors, and availability subject to change.  
Refund/Cancellation policy available at:  
<http://ip.ce.uci.edu/tuition-and-fees/payment-policies-deadlines/>

## **EUR UNIVERSITY/GRADUATE CORE COURSES (required)**

### **Global Communication Skills (2 units)**

As students prepare to further their academic and professional careers, they must effectively communicate their ideas to diverse audiences. The goal of this course is to prepare students to communicate with both native and non-native English speakers, particularly in relation to their *chosen fields of study*. In this course, students will study and practice effective methods for speaking and presenting their ideas clearly to a global audience, including voice projection, enunciation, timing, nonverbal communication, cultural norms, simplifying speech, and specifying meaning. Examples of learning activities in this course include class discussions and debates, individual and group presentations, listening logs, listening quizzes, and leading discussion groups.

**Instructor: Helen Nam, M.A.**

**Schedule: M-F, times vary**

**Prerequisites: none**

**Materials Fee: \$0**

### **Advanced Writing Composition (2 units)**

Effective writing is crucial to success in any field. The goal of this course is to prepare advanced and native English speakers for academic writing at the graduate 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. By the end of the course, students will be expected to understand the writing process, evaluate and use various types of evidence, identify and use effective prose, engage with others' ideas, and properly cite sources.

**Instructor: Emily Wong, M.A.**

**Schedule: M-F, times vary**

**Prerequisites: none**

**Materials Fee: \$0**

## **EUR UNIVERSITY/GRADUATE ELECTIVE COURSES (choice of one or more)**

### **Social Ecology: Environmental Analysis and Design (2 units)**

The goal of this interdisciplinary course is to explore science-driven solutions to major global challenges. Students will investigate such topics as why access to clean water is so difficult both globally and locally, what can be done about it, and how to transcend the negative impacts of a changing environment. In doing so, students will integrate tools from natural and social science to analyze real-life examples and apply creative thinking to shed new light in how to address environmental challenges in evidence-based papers. By the end of the course, students will have a strong understanding of major contemporary challenges, the formation of public policy, and how solutions may be found. This course is ideal for students pursuing careers in public policy, law, environmental science, and political science.

**Instructor: John Whiteley, Ed.D**

**Schedule: TBD**

**Prerequisites: none**

**Materials Fee: \$0**

### **Engineering: Expressive Design with IoT Devices and Robots (3 units)**

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 M. Yamani, M.S.**

**Schedule: TBD**

**Prerequisites: some experience in Python recommended**

**Materials Fee: \$250**

### **Project Management Applied to Data Analytics (2 units)**

Project Management is a methodology that allows for an efficient and effective approach to achieving results. This course will utilize these methodologies starting with Initiation, then Planning, Executing, Monitoring and finally closing out a project. The selected case study used in class will be the application of current data analytics methods taking Big Data and creating innovative solutions to a business problem. Students will perform data-driven discovery and prediction, extracting value and competitive intelligence for their projects. Basic elements of successful Big Data implementation will be covered as well as a review of commercially available tools and technology.

**Instructor: Martin Wartenberg, M.S., MBA**

**Schedule: TBD**

**Prerequisites: none**

**Materials Fee: \$0**

### **International Finance, Trade, and Supply Chain (2 units)**

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 J. Holt, M.P.I.A.**

**Schedule: TBD**

**Prerequisites: none**

**Materials Fee: \$0**

### **JavaScript Programming (2 units)**

JavaScript is the most widely adopted browser language with full integration with HTML/CSS. This course will teach students highly sought after skills of Javascript and web programming. Students will learn how to utilize the power of Javascript by combining it with HTML through the DOM (Document Object Model) in order to build fully functional web applications. The goal of this course is to equip students with practical skills for real-world application, such as best practice idioms and patterns, common programming concepts, advanced language features, and common libraries and tools for web application development.

**Instructor: Kevin Hanegan, B.S.**

**Schedule: TBD**

**Prerequisites: 1-2 years of university-level programming courses**

**Materials Fee: \$0**

### **Intro to Game Design (2 units)**

Learn the introductory concepts of gaming and explore how to apply these concepts in Game Design, which include psychology, narrative, platform and interface features and limitations, marketing, computer science, and industry trends. This course will also cover different types of games and the basic mechanics behind them, including concepts, methods, and current practice of software engineering including software life cycle models and principles and techniques for each stage of development. Students will create a game concept and learn what makes a game compelling through lectures, readings, presentations, and implementation. No previous programming knowledge is required.

**Instructor: TBD**

**Schedule: TBD**

**Prerequisites: none**

**Materials Fee: \$0**

### **Fashion Design (2 units)**

From inspiration to runway: Explore the fashion industry through a hands-on, interactive experience with industry professionals. Learn the fundamentals of great design, tips for capturing inspiration through a camera lens, and sketching techniques that will take your inspired ideas to the pages of a sketchbook. Students will also learn about visual marketing, fashion blogging, and cultural trends that influence fashion design. Students will leave this course with a portfolio of ideas, a completed project, and a network of new friends. This program is for anyone that has an interest in fashion design.

**Instructor: TBD**

**Schedule: TBD**

**Prerequisites: none**

**Materials Fee: \$0**

### **Bio Business Enterprise: Medical Devices, Pharmaceutical and Biological Products (2 units)**

The global biotechnology market will grow by more than 18% per year to \$727 billion in five years. This course to allow students to learn about the latest innovations in medical devices, pharmaceutical and biological products, including how they are developed and regulated. Students will study successful case studies from industries throughout the world to understand this fast growing market. Students will also learn the details related to how these products are approved for sale in each major geographic region of the world (US, Europe and AP). In doing so, students will gain a broad understanding of the complexities of biotechnology commercialization, including organizing pre-market notification 510(k), clinical trial requirements, good manufacturing practices (GMPs), good laboratory practices (GLPs) and labeling requirements. In addition, students will build skills in risk management, marketing, regulatory and intellectual property (IP) strategy. Listing this course on your resume will significantly improve your ability to get that all important first job in this industry and place you on a path for long term carrier success.

**Instructor: TBD**

**Schedule: TBD**

**Prerequisites: none**

**Materials Fee: \$0**

## **INSTRUCTOR BIOGRAPHIES**

**John Whiteley, Ed.D, Professor of Social Ecology, UCI**

John Whiteley earned his Ed.D. at Harvard University and has taught at UC Irvine for over 40 years. He is currently Professor of Environmental Health, Science, and Policy at the School of Social Ecology at UC Irvine. His research focuses on the moral development of late adolescence to early adult development and the social ecology of peace. His publications include *Water, Place, and Equity* (2009) and *Quest for Peace: An Introduction* (1986). He has lead several initiatives for increasing global cooperation, local equality, and sustainability in local and global policies.

**Saleem M. Yamani, M.S., Firmware Engineering Manager, Western Digital**

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 6 years.

**Martin Wartenberg, BSEE, MSEE, MBA, Licensed Professional Engineer (P.E.)**

Martin Wartenberg has over 30 years in High Technology Companies in every position from Engineer to Vice President Research and Development and Company Senior Executive (CEO, COO). Martin has taught Project Management, Product Development, Creativity and Innovation at UCI, UCSD and UCSC. He has taught and consulted with companies in Europe, Asia and South America. His experience included; New Product Development, Medical Devices and Instrumentation and Oil Field Instrumentation as well as both Military and Commercial Aerospace. He is currently working with UCI delivering project management courses in the International Accelerated Program as well as delivering classes to companies in the United States and China.

**Kevin Hanegan, B.S., Director of Educational Services for TIBCO Software**

Kevin Hanegan, is currently is Director of Educational Services for TIBCO Software and the author of 4 programming books: Building State-of-the-Art Web Pages, Custom CGI Scripting with Perl, Practical Guide to Curl, and Building Solutions with the DecisionSite Analytics Platform. He has worked for a variety of software companies, universities, and corporate training centers as a course developer, trainer and consultant.

**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.

**Helen Nam, M.A., Instructor, UCI Division of Continuing Education**

Helen Nam holds two master's degrees, one in TESOL and the other in Philosophy, both from Biola University with her BA, also in Philosophy, from UCLA. She has experience teaching both on-ground and online English Composition courses at Bethesda University of California. Ms. Nam is a full-time teacher with International Programs and excels in teaching ESL and teacher training courses. Ms. Nam is also very involved in professional organizations. She currently serves on the Board of CATESOL Orange County Chapter including being Coordinator-Elect. She has vast experience organizing, working at, and presenting at professional conferences. She has travelled widely and speaks Korean fluently.

**Emily Wong, M.A., Instructor, UCI Division of Continuing Education**

Emily Wong has been teaching ESL/EFL for nearly 10 years. She is a full-time teacher in UC Irvine Division of Continuing Education's International Programs unit and excels in any ESL or teacher-training class she is teaching. In addition, Ms. Wong is Involved in a myriad of professional development projects, most notably a teacher-training podcast that she is currently developing. Ms. Wong received her M.A. in TESOL from Teachers College in New York City. She has lived in Hong Kong and previously taught in Japan. In addition to English, she speaks Cantonese, Japanese, and Mandarin.