

WINTER 2026

COURSES AND PROGRAMS

**DARE.
DREAM.
DO.**

**ADVANCE
YOUR
CAREER**

**NOAH
SERIGNY**
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UC San Diego
EXTENDED STUDIES

P M&RK RK

**DOWNTOWN SAN DIEGO'S PREMIER EVENT VENUE
AT THE CORNER OF PARK & MARKET**

UC SAN DIEGO PARK & MARKET IS AN EVENT VENUE UNLIKE ANY OTHER. WITH DOWNTOWN CITYSCAPE VIEWS AND STATE-OF-THE-ART TECHNOLOGY, PARK & MARKET ELEVATES EACH EVENT, MEETING, AND CONFERENCE WITH MODERN FEATURES AND CUSTOMIZABLE SPACES. ELEVATE YOUR EVENT AND LEAVE A LASTING IMPRESSION WITHIN OUR CUTTING-EDGE VENUE.



For information on booking an event, meeting, or conference, scheduling a venue tour, or request a digital Park & Market events brochure, please contact:

Jenny Nakamura
Events Manager
Email: janakamura@ucsd.edu
Direct: (858) 291-3886

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Events Manager
Email: j1payne@ucsd.edu
Direct: (858) 437-2941

UC San Diego
EXTENDED STUDIES

FROM THE DEAN



The professional landscape has undergone a major transformation, with job changes becoming routine rather than exceptional. Today, [white-collar professionals switch careers an average of 5–7 times](#), and roughly 70% of workers are actively pursuing new career opportunities, making the traditional idea of holding a single job for life increasingly rare. For younger generations, these transitions can be even more pronounced, driven by evolving economic needs and workplace demands. Over half of American employees, about 52%, are planning career changes, and the average person spends nearly a year considering such moves.

In this rapidly shifting market, ignoring career planning risks falling behind. The central challenge is no longer whether you will change careers but how well-equipped you are to manage those changes. Investing in career development has become vital for long-term success.

Fortunately, access to career guidance is easier than ever, thanks to the digital revolution. Free online tools now offer high-quality career advising that was once exclusive to paid professionals. These resources include detailed assessments, tailored recommendations, and step-by-step planning guides.

Government agencies provide robust, no-cost resources. [CareerOneStop](#), sponsored by the U.S. Department of Labor, offers a wide array of career exploration tools, skill assessments, job search features, and details on training programs. Its [My Next Move](#) platform lets users explore over 900 career options through interactive assessments and industry browsing. [O*NET Online](#), the official occupational information database, features the Interest Profiler that matches users' interests to career paths using Holland Codes such as realistic, social, and artistic personalities. State-level resources like [America's Job Centers](#) supplement federal tools with local employment services and training.

Many modern platforms go beyond simple interest surveys. For those drawn to socially impactful careers, [80000 Hours](#) offers evidence-based guidance and free one-on-one advising focused on high-impact career paths. [CareerExplorer](#) uses machine learning to match users with compatible professions as they update their interests and preferences, providing assessments across more than 800 careers.

For fast insights, platforms like [The Princeton Review Career Quiz](#) provide recommendations through a short, 24-question assessment based on the Birkman Method, grouping users by work styles. [123Test](#) delivers a Holland Code-based quiz, taking only about 10 minutes, with detailed personality and career matches. Our [Extended Studies Career Hub](#) offers a dynamic environment for career exploration, giving access to proven career information and guidance. Successfully transitioning requires not only a plan but also the right skills. While online resources make information easily accessible, structured training and expert guidance are crucial for building deep professional expertise. Investing in organized learning pays off in enhanced abilities, lower risks, and stronger results, key factors in achieving career goals.

The [Division of Extended Studies](#) wants to be your choice to support you in this journey, leveraging extensive university experience to accelerate professional growth and help learners reach their destination. Browse through our site: we are always providing career information and the latest trends in workforce development.

A handwritten signature in black ink that reads "Hugo Villar". The signature is written in a cursive style and is positioned above a horizontal line that extends to the right.

Hugo O. Villar Ph.D., MBA
Dean, Division of Extended Studies



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STUDENT SERVICES

At UC San Diego Extended Studies, we care about your educational experience. Our staff is here to offer you personalized, friendly service. If you have any questions about transcripts, financial assistance or other services, contact us:

(858) 534-3400
unex-reg@ucsd.edu
extendedstudies.ucsd.edu/student-resources

Services

- Register for classes
- Request a transcript
- Change a grading option
- Drop or transfer classes
- Financial assistance information
- Update your student account
- VA education benefits information
- Request a course description
- ID cards
- Concurrent enrollment
- Classroom rentals

Mailing Address

UC San Diego Extended Studies
9500 Gilman Drive, Dept. 0176-H
La Jolla, CA 92093-0176

WORKFORCE INNOVATION OPPORTUNITY ACT (WIOA)

Are you a displaced or disadvantaged worker? You may be eligible for financial assistance. Find out at [extendedstudies.ucsd.edu/student-services/Workforce-Innovation-and-Opportunity-Act-\(WIOA\)](http://extendedstudies.ucsd.edu/student-services/Workforce-Innovation-and-Opportunity-Act-(WIOA))
Email: unex-workforce@ucsd.edu

INSTRUCTIONS FOR APPLYING FOR PRIVATE EDUCATION LOANS

extendedstudies.ucsd.edu/student-services/financial-resources

You **do not** need to apply for FAFSA. Our courses/programs do not qualify.

Email: unex-finasst@ucsd.edu

STUDENT GRANT PROGRAM

In partnership with the University, UC San Diego Extended Studies offers a limited amount of student grant funds to full-time UC San Diego students. Each grant is good for up to \$550 off of one Extended Studies course and/or one test preparation course and you are responsible for paying anything over the grant amount at the time of enrollment. For more information, call (858) 534-3400, email studentgrant@ucsd.edu or visit extendedstudies.ucsd.edu/student-grant-program.

Note: The student grant funds cannot be combined with the 10 percent student discount. Additionally, travel programs, food or beverage courses, test preparation courses and certain non-credit or contract courses are exempt.

STUDENTS WITH DISABILITIES

UC San Diego Extended Studies provides reasonable accommodations to students with qualifying and documented disabilities in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Accommodations vary and are specifically designed to meet the disability-related needs of each student based on current, verifiable medical documentation. If you are in need of accommodations, please let us know at least 20 business days before the quarter begins by completing the online request form at extendedstudies.ucsd.edu/student-services/Services-for-Students-with-Disabilities.

Questions? Call (858) 534-3400 or email unex-ssd@ucsd.edu.

VETERANS (VA) EDUCATION BENEFITS

Some of UC San Diego Extended Studies' professional and specialized certificate programs are approved for veterans education benefits. For information on using your VA education benefits at UC San Diego Extended Studies, forms, policies and procedures, please visit extendedstudies.ucsd.edu/veterans.

MY EXTENSION-24/7 ACCESS

- View your course information and meeting schedule
- Update your personal contact information
- View your academic history
- Request official transcripts
- Review and print grades
- Request course descriptions
- Print enrollment verifications and tuition receipts

LOG IN TO MY EXTENSION

- Visit myextension.ucsd.edu
- Enter your username (email address)
- Enter your password (If you forgot your password, click "get password" from the login page)

Participating in a UC San Diego Extended Studies educational program does not in itself provide preference in admission to University of California degree programs. Students interested in applying to UC degree programs should refer to the UC admissions website or the admissions office of the UC campus they wish to attend for details about the admissions process.

CONTACT INFORMATION

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LANGUAGES AND ENGLISH LEARNING

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ddpm@ucsd.edu
(858) 246-3274

OCCUPATIONAL SAFETY & HEALTH

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oshatraining@ucsd.edu
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OSHER LIFELONG LEARNING INSTITUTE

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olli@ucsd.edu
(858) 534-7030

PRE-COLLEGE

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(858) 534-9353

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(858) 534-9152

WRITING

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(858) 534-5760

Not sure who to call? Call our main line: (858) 534-3400

Enroll Now

UNIVERSITY OF CALIFORNIA SAN DIEGO DIVISION OF EXTENDED STUDIES LOCATIONS:

MAIN OFFICES

8980 Villa La Jolla Drive
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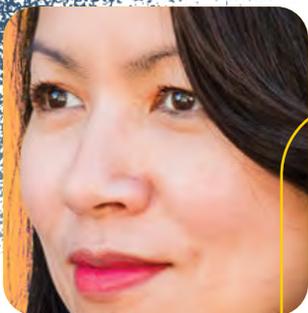
PARK & MARKET

1100 Market Street
San Diego, CA 92101
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Email: pandminfo@ucsd.edu

Extended Studies offers a wider variety of course, program, and learning formats to meet lifelong learners' needs. Information about class formats is available throughout our website.

DARE DREAM DO

STORIES OF SUCCESS



UC San Diego Extended Studies' **Dare, Dream, Do** Campaign was born from the idea of celebrating the 300,000+ dreamers and doers who are a part of the organization's 60+ years of history. We are proud of every single one of them and what they've achieved.

We hope you find inspiration from these stories of **people like you** who dared to dream and do. You may just be the next one we feature, with your very own success story to tell.



DARE, DREAM, DO



THE UC SAN DIEGO DIVISION OF EXTENDED STUDIES DARE. DREAM. DO. CAMPAIGN SHOWCASES INDIVIDUALS WHO HAVE ACHIEVED—OR ARE WORKING TOWARD—PERSONAL AND PROFESSIONAL GOALS THROUGH DES PROGRAMS AND CERTIFICATES. IT HIGHLIGHTS THE BUILT-IN BREADTH, VARIETY, AND SCOPE OF THE DIVISION'S PROGRAMS BY FEATURING STUDENTS AND ALUMS WHO DARE TO DREAM AND DO. THIS PROFILE IS THE 12TH IN AN ONGOING SERIES LAUNCHED IN 2022.

PROFESSIONAL DEVELOPMENT IN SAFETY: HOW AN OSHA CERTIFICATE PREPARED NOAH SERIGNY FOR CAREER GROWTH



NOAH SERIGNY

For those who adhere to the principle that the function of leadership is to produce more leaders, not more followers, UC San Diego Extended Studies Occupational Health and Safety Training Institute Education Center student Noah Serigny is a classic example.

At the Idaho National Laboratory, Serigny is responsible for the health and safety of more than 6,000 employees of the U.S. Department of Energy's lead center for nuclear energy and renewable energy technologies. His work ensures programmatic compliance with Occupational Safety and Health Administration (OSHA) safety standards at a facility spanning nearly 894 square miles (for perspective, that's three-quarters the size of the U.S. state of Rhode Island!).

For Serigny, advancing his career to attain his current level of command meant more than simply honing his technical skills and knowledge. As a veteran transitioning to civilian life, he needed to demonstrate that he was a leader who could influence workplace safety culture.

Becoming a participant in the Professional Safety and Health Officer Program at UC San Diego Extended Studies, Serigny found the training he needed.

Through leadership-focused coursework, he strengthened his knowledge of OSHA workplace safety and learned management and communications practices to influence long-term compliance across the organization.

CHOOSING UC SAN DIEGO EXTENDED STUDIES

Serigny's job scope includes overseeing fall protection, equipment safeguarding, vehicle operation, and monitoring excavation and scaffolding projects. He's also responsible for ensuring that all employees are well-versed in safety standards and practices.

"Ultimately, my job here at the Idaho National Laboratory is to ensure programmatic compliance with OSHA standards and to develop and train industrial safety professionals," he explained.

When he sought professional development, Serigny selected UC San Diego Extended Studies for its reputation as an OSHA Training Institute Education Center (OTIEC). The UC San Diego OTIEC has been operational since 1992, when the U.S. Department of Labor selected it as one of the original four OSHA Training Institute Education Centers.

Today, prospective students are eligible to attend Virtual Instructor-Led Training (VILT) classes, bringing accessible, high-quality OSHA training directly to their doorsteps.

"I chose UC San Diego because it offered online and in-person courses, giving me flexibility to take the courses when I need," Serigny said, "and because UC San Diego is an OSHA training institute."

Through the program, he became an authorized OutreachTrainer, obtaining the skills and certificate to share safety knowledge with others, including veterans—a personal passion.

A PATHWAY FOR CAREER ADVANCEMENT

As a 20-year U.S. Navy veteran transitioning into civilian life, Serigny saw the certificate program as a bridge from his past work experience to his future career success.

"My goal in enrolling in the Professional Safety and Health Officer program at UC San Diego was both personal and professional in nature," he explained. "I wanted to become a well-rounded safety professional—and prepare myself for a competitive edge as I retired from the United States Navy after years of service."

The program gave him the practical knowledge he needed to be hired and promoted, including how to be a leader who aligns organizational values around safety. Ultimately, having a certificate put the finishing touch on his qualifications to create a successful transition from military to civilian work. He's an advocate of the training.

"I'd recommend the Professional Safety and Health Officer certificate program to a friend or anyone who's interested in a safety career or just wants to make the work that they do more safe on a daily basis," he said.

LEARNING FROM EXPERIENCED INSTRUCTORS

For Serigny, the instructors were a highlight of his experience, and they made a lasting impact on his career growth.

Instructors are the heart of the UC San Diego OSHA Training Institute Education Center. Handpicked for their dedication to the student experience, they are all highly qualified professionals with extensive field experience. Their approach is to bring OSHA standards to life with real-world applications so students can take lessons straight from the classroom to the work environment.

"What I liked the most about the program was the personable instructors," he shared. "You could tell that they were very knowledgeable and they were willing to engage with students, both during the classroom and after the classroom."

Serigny felt the access to experienced instructors who could understand his background and goals made a significant difference to his career outcome. One instructor even worked with him beyond the classroom, helping him prepare for a national certificate exam that would further his career in occupational safety training.

LOOKING AHEAD

As a lifelong learner, Serigny plans to continue building his skills with UC San Diego Extended Studies.

"My future goals include finishing the Professional Safety and Health Officer certificate program and to continue taking classes through UC San Diego Extended Studies."

For professionals seeking a career transition, or specifically looking at how to earn a health and safety certificate or how to get an OSHA certificate for workplace safety, Serigny's story presents a case study in pursuing goals to achieve a thriving career.

UC SAN DIEGO OSHA TRAINING INSTITUTE

Since 1992, the UC San Diego OTIEC has delivered high-quality, innovative occupational safety and health training. Its programs are grounded in OSHA standards and tailored to meet the evolving needs of Construction, General Industry, and maritime industry professionals.

In addition to the core OSHA-authorized courses, the Occupational Safety and Health Department offers a wide range of specialized training in safety inspections, fire and life safety, live events, EM 385-1-1 compliance, workers' compensation, and safety leadership, among other critical areas.

To learn more, visit UC San Diego Extended Studies Occupational Safety and Health at osha.ucsd.edu. Learn about OSHA's military discount and navigate to the UC San Diego Extended Studies Student Services section to discover access programs for Veteran's Education Benefits.

CLASSES / PROGRAMS

ARTS & HUMANITIES



ART HISTORY

Architectural History of San Diego
Art of the Late Gothic and Early Renaissance
Art of the Medieval World*

CHILDREN'S BOOK WRITING & ILLUSTRATION

Children's Book Illustration & Writing Programs - Information Session*
Children's Book Illustration I: Thinking in Pictures*
Getting Published: Navigating the Children's Book Market*
History of Children's Literature*
Writing for Children II: Intermediate*
Writing for the Middle Grade/YA Reader*
Writing Speculative Fiction: Exploring Fantasy, Fear, and the Future*

FINE ART

Art Programs - Information Session*
Color Fields: An Exploration in Painting
Creative Process I
Drawing I: Focus on Perception*
Drawing II: Refining Technique
Figure Drawing I, II
Intermediate Watercolor
Introduction to Painting
Painting alla Prima
Plein Air Painting: A Working Method

ILLUSTRATION

Animal Illustration
Introduction to Illustration

PERFORMING ARTS

Acting I: Introduction
Beginning Piano, Level I, II
Guitar I, II
Music Theory 101
Music Theory 102
Singing I, II
Somatic Movement and Creative Dance Practices

PHOTOGRAPHY

A Short History of Photography*
Advanced Photographic Portraiture
Architectural Photography*
Digital Photography Workflow and Editing*
Experimental Photography*
Photo I: Aperture, Shutter Speed & ISO*
Photo III: Portfolio*

BUSINESS & LEADERSHIP



ACCOUNTING AND TAXATION

Accounting Ethics*
Advanced Accounting Theory and Practice*
Audit and Risk Governance*
Auditing*
Cost Accounting*
Elementary Accounting I*, II*
Federal Individual Income Taxation*
Fraud and Forensic Accounting*
Government & Not For Profit Accounting*
Information Systems Controls and Audit I*, II*
Intermediate Accounting Theory and Practice I*, II*
Internal Auditing*
Real Estate Tax and Accounting*
Taxation of the Business Entity*
Taxation: Practice, Procedure and Ethics

BUSINESS MANAGEMENT

AI Fundamentals for Leadership
Elements of Marketing for Business Leaders*
Essentials of Entrepreneurship, Innovation, & Design
Essentials of Leadership and Management (ELM)
Interpersonal Leadership, Teamwork, and Communication
Speak, Connect, Influence: Business Communication in the AI Era*
Starting Your Business

FACILITIES ENGINEERING AND MANAGEMENT

Building Code and Life Safety*
Building Systems & Technology*
HVAC DDC Networking Design*
PE Mechanical HVAC & Refrigeration Exam Review*
Planning & Project Management for Facilities Managers*

FINANCE

Artificial Intelligence for Finance*
Finance Management
Financial Accounting for Non-Accountants*
Financial Analysis and Reporting with Tableau*
Financial Statement Analysis*
Healthcare Finance and Accounting*
Healthcare Financial Modeling With Excel*

HUMAN RESOURCE MANAGEMENT

HR Management - Information Session*
Components of Workplace Compensation*
Employee and Labor Relations*
Fundamentals of Employee Benefits*
Managing Human Resources: An Overview*
Performance Management*
Skill Development for Career Advisors*
Strategic Talent Acquisition*
Training and Development*
Workplace Ethics*

VISIT [EXTENDEDSTUDIES.UCS.D.EDU](https://extendedstudies.ucsd.edu) FOR FULL COURSE DESCRIPTIONS AND SCHEDULES.
*ONLINE COURSE. MAY ALSO BE OFFERED IN THE CLASSROOM—CHECK OUR WEBSITE.



LEADERSHIP DEVELOPMENT

Essentials of Leadership and Management
Leading and Managing Change
Transformational Leadership*
Work Team Concepts and Skills*

MARKETING

AI in Digital Marketing: Fundamentals and Applications*
Content Marketing*
Digital Marketing
Digital Marketing Analytics*
Digital Marketing en Español*
Elements of Marketing
Global Marketing
Introducción a Marketing Digital en Español*
Paid Search (PPC)
SEO Tools and Analytics*

NONPROFIT MANAGEMENT

Annual Giving*
Corporate Relations and Partnership*
Donor Relations and Stewardship*
Financial Management for Nonprofit Organizations
Fundraising and Development Information Session*
Grant Writing for Nonprofits*
Introduction to Fundraising and Development*
Major Gifts and Planned Giving*

PROJECT MANAGEMENT & LEAN SIX SIGMA

Agile Power Practices
Interest-Based Negotiation
Lean Six Sigma Black Belt
Lean Six Sigma Green Belt*
Lean Six Sigma Green and Black Belt
Microsoft Project
Project Cost Management
Project Management Boot Camp
Project Management Essentials*
Project Planning and Scheduling
Project Risk Management*
Purchasing and the Procurement Process*
Supply Management Contracting and Logistics*
Supply Sourcing and Cost Analysis*

DATA ANALYSIS & MATHEMATICS



APPLIED MATHEMATICS

Calc III: Multivariable Calculus*
Calculus I*, II*
Discrete Math: Problem Solving for Engineering, Programming, & Science*
Introduction to Statistics*
Linear Algebra*
Ordinary Differential Equations*
Precalculus*
Stochastic Processes and Markov Chains*

BIOINFORMATICS AND BIOSTATISTICS

Bioinformatics Fundamentals*
Biological Database Design*
Biostatistical Methods I: Linear Regression and ANOVA*
Biostatistical Methods II: Logistic Regression and Survival Analysis*
Biostatistics*
Biostatistics in Healthcare*

CDISC Standards for Clinical Data*
Genomic Sequencing Technologies*
Processing Actionable Data in Genomics*
SAS Programming I: DATA Step and PROC Fundamentals*

BUSINESS INTELLIGENCE

Advanced Business Intelligence: Introduction to Predictive Analytics*
Advanced Excel for Analysis and Business Intelligence*
Advanced SQL Database Management Concepts*
Dashboards and Data Visualization for Data Analysis*
Intermediate Excel*
Intermediate SQL Programming*
Introduction to SQL Programming*
Overview of BI and Data Analysis*

DATA SCIENCE

Advanced Data Wrangling and Visualization in R*
Crash Course: Python for Data Analytics*
Data Analytics Using Python*
GIS I: Introduction to GIS*
GIS II: Spatial Analysis*
GIS IV: 3-D Display and Analysis of Spatial Data*
Introduction to Deep Learning for Computer Vision*
Introduction to Quantum Machine Learning*
Introduction to R Programming*
Introduction to Statistics using R*
Intuitive Learning of Quantum Computing*
Linear Algebra for Machine Learning*
Natural Language Processing*
No-Code AI Toolkit*
Practical R for the Pharmaceutical Industry*
Practicum for Deep Neural Networks*
Probability and Statistics for Deep Learning*
Python for Informatics*
Responsible AI: Transparency, Accountability, Explainability and Privacy*
Statistics for Data Analytics*

CLASSES / PROGRAMS

DIGITAL ARTS



GRAPHIC & WEB DESIGN

- Adobe Photoshop*
- Design Tools and Techniques*
- Design for Digital Marketing and Social Media*
- Introduction to Adobe Creative Cloud*

INSTRUCTIONAL DESIGN

- Assessment and Evaluation in Instructional Design*
- Digital Media Best Practices for Online Educators*
- Emergent Technologies and Ai*
- Introduction to Instructional Design*

PHOTOGRAPHY

- A Short History of Photography*
- Advanced Photographic Portraiture
- Architectural Photography*
- Digital Photography Workflow and Editing*
- Experimental Photography*
- Photo I: Aperture, Shutter Speed & ISO*
- Photo III: Portfolio*

USER EXPERIENCE (UX) DESIGN

- Principles of User Experience (UX)*
- Responsive Design and User Experience (UX)*
- UX Design: Real World Prototyping*
- User Interface Design*

VIDEO & EDITING

- Adobe After Effects I: Introduction to Motion Graphics*

EDUCATION



COMMISSION-APPROVED PROGRAMS

- Assessment of English Learners*
- CTEL Portfolio*
- Culture and Inclusion*
- Departmentalized ELD for K-12*
- Foundations and Methods of English Language/Literacy Development and Content Instruction*
- Health Education for the Teacher*
- Induction Individualized Learning Plan (ILP)*
- Induction Inquiry I*, II*, III*
- Integrating Technology in Education K-12, Level 1*
- K-12 Pedagogy for Teachers*
- Mainstreaming the Special Child*
- Mentor Induction Individualized Learning Plan (ILP)*
- Mentor Induction Inquiry I*, II*, III*
- R & L: Assessment, Intervention, & Instruction*
- R & L: Culture of Literacy*
- R & L: Fieldwork*
- R & L: Planning, Organizing, and Providing Instruction*
- R & L: Research, Instruction, and Intervention*
- Reading & Literacy Program Orientation*
- Reading and Literacy Portfolio*
- The Reading Process*
- U.S. Constitution Preparation Course and Examination*
- Language and Language Development*
- Orientation: CLAD Through CTET*

PROFESSIONAL DEVELOPMENT

- Differentiation System Design: Classroom Level*
- Differentiation System Design: District Initiatives*
- Differentiation System Design: School Practices*
- Institutional Effectiveness Leadership
- The 21st Century Career Counselor: Preparing Students for College and Career Readiness and Success*

SUPPORTING PRE-K-12 STUDENTS

- Assessment & Accountability in Dual Language Immersion*
- Child Growth and Development*
- College Counseling Practicum*
- College Counseling Strategies*
- Curriculum Development in Dual Language Immersion*
- Developmentally Appropriate Practices in Early Childhood*
- Differentiating the Curriculum*
- Early Education Portfolio*
- Educational Leadership in Dual Language Immersion*
- Intentional Teaching Practices in Early Childhood Settings*
- Language and Literacy for Young Learners*
- Positive Behavior Support for Young Learners*
- Principles of College Counseling*
- Program Development for the Gifted*
- Recognizing Individual Differences*
- Starting and Maintaining an Independent Educational Consulting Practice*
- Strategies for Teaching GATE*
- The Ethics of College Admission Counseling*
- The Pillars of Dual Language Immersion*

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TEACHING ENGLISH AS A FOREIGN LANGUAGE

Advanced Analysis of English Sentence Structure I*
Best Methods in Teaching Listening Skills*
Best Methods in Teaching Pronunciation and Fluency
Best Methods in Teaching Speaking Skills
TEFL Practicum: Best Methods in Developing and Delivering Lesson Plans
Teaching Young English Learners in the Primary Grades (Ages 4-7)*
Theories and Methods of Language Teaching and Learning*
Theory and Methods of Reading Instruction*

TEACHING STRATEGIES FOR ADULTS

Advanced Curriculum Design for the Online Classroom*
Assessment and Evaluation in Instructional Design*
Culture in the Language Classroom*
Digital Media Best Practices for Online Educators*
Effective Strategies for Teaching and Training Adults*
Emergent Technologies and AI*
Enhancing Your Online Course with Multimedia*
Foundations of Curriculum Design and Evaluation*
Fundamentals of Teaching English as a Second Language*
Instructional Practices*
Instructional Technology Tools*

Interpersonal Relations, Communication Skills, and Guidance*
Introduction to Instructional Design*
Introduction to Online Learning*
Teaching Online Practicum*
Teaching and Testing ESL Reading and Writing Skills*
Teaching and Training Adults in Diverse Settings*
The Role of Grammar in Teaching a Second Language*
Theories of Second-Language Acquisition and Application to Teaching*

ENGINEERING



COMMUNICATIONS ENGINEERING

Advanced Antennas Design, Modeling and Simulation*
Applied DSP*
Design of High Performance RF Transceivers*
Digital Signal Processing (DSP)*
Fundamentals of 5G NR*
Fundamentals of Networking*
Microwave Test & Measurement
PCB Fabrication Technology*
RF PLL Synthesizers
RF System Design for Wireless Communications*
SystemVerilog for Design & Verification*
Wireless Communications Network Architecture
Wireless Communications Network Connectivity*
Wireless Communications Technologist Internship

ELECTRICAL ENGINEERING

Electrical Energy Storage*
Electronics and Telecommunications Review: Math, Circuits and Signals*
Planning and Operation of Smart Power Distribution Systems*
Power System Analysis and Control*

EMBEDDED ENGINEERING

Embedded Controller Programming for Real-Time Systems*
Embedded Systems Hardware Design*
Embedded Systems Hardware Interfacing*
FPGA Design Fundamentals*
Introduction to Autonomous Vehicles
Introduction to Embedded Systems*

ENGINEERING DESIGN

Fusion 360 for Mechanical Design*
Humanizing Social Robots*
Mechatronics Fundamentals
Plastic Part Design for Injection Molding
Programmable Logic Controllers*
Reliability Centered Maintenance & FMEA*
SolidWorks*
SolidWorks for 3D printing*

SYSTEMS ENGINEERING

Automotive Quality and Project Management
Digital Engineering with AI*
LEAN Thinking for Big Data Analytics*
Safety Analysis Techniques
Systems Requirements Analysis*
Systems Verification and Validation*

CLASSES / PROGRAMS

ENVIRONMENT & SUSTAINABILITY



ENVIRONMENTAL MANAGEMENT

- Behavior Change Strategies for Sustainability*
- Conservation Psychology*
- Ocean Conservation Behavior*

SUSTAINABILITY

- Introduction to Sustainability*
- Measuring Sustainable Impact*
- Resource Management*
- Strategic Planning and Innovation*

URBAN PLANNING AND PRESERVATION

- Advanced CEQA*
- California Environmental Quality Act (CEQA)*
- Industrial Stormwater Compliance Workshop
- Introduction to NEPA*
- Writing Effective CEQA Documents*

HEALTHCARE



CLINICAL TRIALS & REGULATORY AFFAIRS

- CT: Biostatistical Approaches to Clinical Trial Design*
- CT: Clinical Research Fundamentals: Implementation to Practice*
- CT: Comprehensive Approaches to Monitoring Clinical Trials*
- CT: Data Management for Sponsors of Clinical Trials*
- CT: Drug Development Process*
- CT: Financial Management of Clinical Trials*

- CT: Good Clinical Practice (GCP) in Human Clinical Trials*
- CT: Human Subjects Protection and IRBs*
- CT: Monitoring Oncology Trials*
- CT: Project Management in Clinical Trials*
- CT: Regulation of Drugs, Biologics, Devices, and Diagnostics*
- CT: Science of Clinical Trials Design*
- CT: Site and Investigator Recruitment*
- CT: Understanding Oncology* Design Control for Medical Devices*
- Good Laboratory Practices*
- Regulatory Requirements for Drugs & Biologics*
- Regulatory Submissions for Medical Devices*

COUNSELING & BEHAVIORAL SCIENCES

- Addiction Science: Psychology and Pharmacology*
- Advanced Intervention
- Case Management in SUD Counseling*
- Clinical Documentation for SUD Counselors*
- Co-Occurring Disorders
- Co-occurring Substance Use and Mental Health Conditions*
- Confidentiality for SUD Counselors*
- Crisis Intervention: Theory and Practical Skills
- Cultural Competence in SUD Counseling*
- Human Growth and Development*
- Introduction to Medications for Addiction Treatment (MAT) *
- Introduction to Psychology*
- Introduction to the American Society of Addiction Medicine (ASAM) Criteria *
- Introduction to the Behavioral Health System for SUD Counselors*
- Law and Ethics for Addiction Professionals*
- Laws and Professional Ethics for SUD Treatment*

- Practicum for the Alcohol and Drug Abuse Counselor
- Professional Boundaries for SUD Counselors*
- Screening, Assessment, and the DSM for SUD Counselors*
- Substance Use Disorder Treatment and Recovery*
- Utilization of Electronic Health Records (EHR) for SUD Counselors*

HEALTH AND WELLNESS

- Advanced Nutrition Topics*
- Behavior Change and Lifestyle Coaching*
- Cultural Foods*
- Food as Medicine: The Art and Science of Food, Nutrition and Self-Healing*
- Foundations of Nutrition I: Introduction to Nutrition Science*
- Foundations of Nutrition II: Diet and Disease*
- Health and Wellness Coaching Practicum*
- Legal and Ethical Considerations for Health and Wellness Coach
- Natural Healing and Cooking*
- Nutrition Practicum*
- Nutrition Throughout the Lifecycle*
- The Business of Integrative Nutrition*
- Understanding Health and Wellness*

HEALTHCARE GENERAL EDUCATION

- AI Fundamentals for Healthcare Professionals*
- Anatomy & Physiology for Allied Health*
- Exercise Physiology*
- Fundamentals of Infection Prevention/ Clinical Epidemiology*
- Human Anatomy*
- Human Anatomy with Lab*
- Jewish Medical Ethics*
- Medical Documentation*
- Medical Ethics for Allied Health Professions*

VISIT [EXTENDEDSTUDIES.UCS.D.EDU](https://www.ucsd.edu/extendedstudies) FOR FULL COURSE DESCRIPTIONS AND SCHEDULES.
*ONLINE COURSE. MAY ALSO BE OFFERED IN THE CLASSROOM—CHECK OUR WEBSITE.



Medical Terminology: An Anatomy and Physiology Approach*
Occupational Safety & Security for Health Professionals*

LACTATION & PERINATAL EDUCATION

Foundations of Lactation Education*
Lactation Consultant Lecture Review*
Lactation Education Counselor*
Lactation Education Refresher*
Pathway 1 -
Lactation Consultant Education*

MEDICAL CODING AND REVENUE CYCLE

Coding Practicum*
Healthcare Revenue Cycle 2*
ICD-10-PCS*
Introduction to Medical Coding*
Pharmacology*
Reimbursement Methodologies & Compliance*

MEDICAL COMMUNICATION

Applied Medical Writing and Editing*
Citations and Reference Methods for Medical Writing*
Ethics for Medical Writers*
Health Economics and Outcomes Research (HEOR)*

NURSING & CLINICAL PROFESSIONALS

Case Management Intensive
Emergency Department Nursing, Part I*, II*

INTERNATIONAL PROGRAMS



ENGLISH LANGUAGE INSTITUTE 8-WEEK ENGLISH LANGUAGE PROGRAMS

Academic English
Communication and Culture

4-WEEK ENGLISH LANGUAGE PROGRAMS

Academic English
Business English
Conversation and Fluency
Legal English
Medical English

UNIVERSITY CREDIT PROGRAM

University and Professional Studies

INTERNATIONAL CERTIFICATE PROGRAMS

Advanced Studies in TEFL
Business Administration
Business Management
Digital Marketing
Leadership and Management
Teaching English as a Foreign Language (TEFL)

LANGUAGES & ENGLISH LEARNING



ENGLISH AS A SECOND LANGUAGE (ESL)

Elevate Your STEM English Skills
Mastering English Pronunciation & Improving Fluency
Mastering Your Public Speaking Skills
Promoting Yourself for Career Success: ESL Workshop

FOREIGN LANGUAGES

American Sign Language (ASL)*, II*, III*, IV*
Arabic for Communication I, II
Cantonese for Communication II, III, IV, V
Chinese for Communication I, III, IV, VI, VII
French Refining Fluency, Part A
French for Communication I, II, III, V, VI
German for Communication III
Italian for Communication I, III, IV
Japanese for Communication I, II, V
Spanish Fluency (Interm): Mexico*
Spanish Fluency (Intro) - Spain
Spanish for Communication I*, II*, III*, IV*, V*, VI*, VII*
Spanish for Healthcare Professionals I*, II*, III
Spanish for Healthcare Professionals: Cultural Competence

TRANSLATION & INTERPRETATION

Translation & Interpretation Program - Information Session*
Translation & Interpretation Program - Information Session*
Advanced English Grammar
English to Spanish Translation I*, II*
Introduction to Interpretation*
Introduction to Translation*
Legal Translation
Note Taking for Interpreters
Sight Translation: Theory & Practice*
Spanish Advanced Grammar
Spanish to English Translation I*, II*
Theory and Practice of Translation*
Tools and Technology in Translation*
Translation and Interpretation in Education

CLASSES / PROGRAMS

LAW



PARALEGAL STUDIES

- Business Law*
- Civil Litigation II
- Comprehensive Overview of Homeland Security*
- Criminal Law and Procedure
- Discovery Principles
- Evidence Law
- Foundations of Legal Communication & Research
- Introduction to the Legal System*

PATENT LAW

- Foreign Patent Prosecution*
- Intellectual Property Law*
- Patent Prosecution*

OCCUPATIONAL SAFETY & HEALTH



CAL/OSHA COURSES

- OSHA 5029 - Cal/OSHA Update for Construction Industry Outreach Trainers
- OSHA 5039 - Cal/OSHA Update for General Industry Outreach Trainers
- OSHA 5109 - Cal/OSHA Standards for the Construction Industry
- OSHA 5119 - Cal/OSHA Standards for General Industry

OSHA SAFETY COURSES

- OSHA 2045 - Machinery and Machine Guarding Standards
- OSHA 2055 - Cranes in Construction
- OSHA 2225 - Respiratory Protection
- OSHA 2255 - Principles of Ergonomics
- OSHA 2264 - Permit-Required Confined Space Entry
- OSHA 2455 - Safety & Health Management

- OSHA 3015 - Excavation, Trenching and Soil Mechanics
- OSHA 3085 - Principles of Scaffolding
- OSHA 3095 - Electrical Standards (Low Voltage - Federal)
- OSHA 3115 - Fall Protection
- OSHA 510 - Occupational Safety and Health Standards for the Construction Industry
- OSHA 511 - Occupational Safety and Health Standards for General Industry
- OSHA 521 - OSHA Guide to Industrial Hygiene
- OSHA 5410 - Occupational Safety and Health Standards for the Maritime Industry
- OSHA 7005 - Warehousing and Storage
- OSHA 7100 - Introduction to Machinery and Machine Safeguarding
- OSHA 7105 - Introduction to Evacuation and Emergency Planning
- OSHA 7115 - Lockout/Tagout
- OSHA 7200 - Bloodborne Pathogens
- OSHA 7205 - Health Hazard Awareness
- OSHA 7300 - Understanding OSHA's Permit Required Confined Space Standard
- OSHA 7405 - Fall Hazard Awareness for the Construction Industry
- OSHA 7500 - Introduction to Safety and Health Management
- OSHA 7505 - Introduction to Incident (Accident) Investigation
- OSHA 7515 - Job Hazard Analysis (JHA)
- OSHA 7845 - Recordkeeping Rule Seminar

OSHA TRAINER COURSES

- OSHA 500 - Trainer Course in OS&H Standards for the Construction Industry
- OSHA 501 - Trainer Course in OS&H Standards for General Industry
- OSHA 502 - Update for Construction Industry Outreach Trainers
- OSHA 503 - Update for General Industry Outreach Trainers
- OSHA 5400 - Trainer Course in OS&H Standards for the Maritime Industry
- OSHA 5402 - Maritime Industry Trainer Update Course

UC SAN DIEGO SAFETY COURSES

- Heat Stress
- Introduction to Fire and Life Safety
- Laws and Regulations
- Safety Inspection Techniques
- Safety Leadership II
- Trainer Course - Fall Protection
- Trainer Course - Forklift Safety
- Workers Compensation for Safety Professionals

EMERGENCY INCIDENT MANAGEMENT AND LEADERSHIP COURSES

- Employing Audiovisual Aids for Fire and Emergency Services Instructors
- Ethical Leadership for Fire and Emergency Services Instructors
- Fire and Emergency Services Fire Instructor 1: Instructional Methodology
- Fire and Emergency Services Instructor 2: Instructional Development
- Group Dynamics for Fire and Emergency Services Instructors
- Techniques of Evaluations for Fire and Emergency Services Instructors

EVENT SAFETY COURSES

- Crowd Safety, Planning and Management
- Event Incident Planning and Management
- Event Safety Management
- Introduction to Event Safety
- Production and Workforce Safety
- Temporary Event Structures

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OSHER LIFELONG LEARNING



MASTER CLASS I

Astronomy and Astrophysics

MASTER CLASS II

The Supreme Court and Key Constitutional Quandaries: Resolutions and Uncertainties

PREMIER CLASSES

Happiness: Don't Worry, Be Happy!
Is it Possible in Today's World?
Latin American Immigration to the U.S.:
What's Happening and Where Do We Go From Here?
Research from the Scripps Institution of Oceanography
The History of Chinese Art in Ten Objects
The History of Neuroscience in Five Acts
Western Philosophers: Descartes, Spinoza, Locke

ACTIVITIES AND EVENTS

Friday at the Movies
New Members Luncheon
Osher Town Hall

ARTS AND HUMANITIES

Andreas Gursky's Photograph *99 Cent*
An Insider's Scoop on the Academy Awards
Book and Film Class: "The Painted Veil"
Memorable Women in San Diego History - A Documentary
The Hollywood New Wave (1960s-1980s): Rebels and Conglomerates in Hollywood's Last Golden Age
Unlocking the Keys to Musical Expression

ETHICS IN SCIENCE AND TECHNOLOGY

Echoes in the Rabbit Hole: The Roles of Disinformation, Misinformation and Conspiracy Theories in Public Health
The Ethics of Human Brain Organoids and Human-Animal Neural Chimera

FRIDAY AT THE MOVIES

As it is in Heaven
Heroic Losers

HISTORY

Major Historical Trends Seminar:
No Ordinary Time: Franklin and Eleanor Roosevelt: The Home Front in World War II
The Treaty of Westphalia: Europe's Religious Wars and the Emergence of a New International Political Order

INTERNATIONAL RELATIONS

America and the World in an Era of Conflict, Confrontation, and Uncertainty
China's Approach to Becoming a Global Science, Technology and Innovation Leader

LAW AND SOCIETY

Backdating #MeToo
Domestic Terrorism and Violent Extremist Activities
Mock Trial
The Death Penalty and Defending a Capital Case

LITERATURE

Author's Talk and Book Signing:
The Empire Builder: John D. Spreckels and the Making of San Diego by Sandra Bonura
Best Short Stories
Modern and Contemporary Literature
Osher Book Club
Writers Workshop

LIVE MUSIC FRIDAYS

Bob Zelicman: Clarinet Quartet
The Harmony Road Quartet
The Rob Thorsen Trio

MEDICINE AND LIFE SCIENCES

An Update on Gastrointestinal Issues
Confronting Older Adults
Heart Disease in Women:
A Different Disease
Inflammation and Stress-Related Diseases

Schizophrenia, Bipolar Disorder and Other Psychotic Disorders
Updates in Breast Cancer Research and Treatment
Using Medical Technology in Diagnosis, Processing, Treatment, and Follow-up of Patients

MEMOIRS

Sharing Memories and Coffee with Friends

MINDFULNESS AND WELLBEING

Monday Meditation: The staff of the UC San Diego Center for Mindfulness
Shannon Jordan: Mindful Movement: Chair Yoga

POLITICS AND CURRENT EVENTS

Inside Politics

SCIENCE AND ENGINEERING

Listening In and Lighting Up: Cortical Grids and Live Brain Displays on the Road to Vision Restoration
Shattered Dreams—Or Why Elon Musk Isn't Taking Us To Mars
The Algae Revolution: From Pond Scum to a Sustainable Future
The Good, Bad and Ugly Immune System
The Negative Impact of Microplastic Pollution on the Ecosystem and Human Health

SOCIAL SCIENCES

The Wealth Shift: How Alternative Investments and Accessory Dwelling Units Are Redefining Real Estate
Walter Cronkite "The Most Trusted Man in America"
Women Crossing Boundaries: Gender and Migration

THEATER WORLD

Acting Workshops
Free Spirits Improv
Improv Workshops
Theater World Performances

CLASSES / PROGRAMS

PRE-COLLEGE

Sample of courses offered.



FUTURES

- Analog Circuits
- Digital Logic Circuits
- Elements of Marketing
- Foundations of Natural Language Processing
- Intermediate Robotics with JavaScript
- Introduction to Translation and Interpretation
- Machine Learning Algorithms
- Principles of Marketing
- Python and Mathematics for Machine Learning

RESEARCH SCHOLARS

- Biolmaging & 3D Printing (BI3DP)
- Fundamentals of Biostatistics and Bioinformatics
- Fundamentals of Neurosciences: Health and Disease
- Marine Biodiversity: Coral Reef Ecology and Conservation
- Neurobiology: Brain Metabolic Biochemistry Under Heat and Nutritional Stress

TEST PREP

- Enlistment ASVAB (Armed Services Vocational Aptitude Battery) Test Prep
- GMAT: Graduate Management Admissions Test Prep
- GRE: Graduate Record Examination General Test Prep
- LSAT: Law School Admissions Test Prep
- MCAT: Medical College Admissions Test Prep
- SAT: UC San Diego Intensive Test Prep Course

SCIENCES



BASIC SCIENCES

- Analytical Chemistry*
- Biochemistry*
- Cancer Biology*
- Cell and Molecular Biology*
- Cell and Molecular Biology Lab*
- Clinical Chemistry*
- Conceptual Physics*
- Electricity And Magnetism*
- Epidemiology*
- General Biology I*, II*
- General Biology I, II with Lab*
- General Chemistry I*, II*
- General Chemistry I, II with Lab*
- General Physics I*, II*
- Genetics*
- Human Physiology*
- Human Physiology with Lab*
- Immunology*
- Introduction to Clinical Hematology*
- Mechanics and Thermodynamics*
- Medical Microbiology*
- Microbiology*
- Microbiology with Lab*
- Organic Chemistry I*, II*
- Organic Chemistry Laboratory*
- Virology*

PHARMACEUTICAL OPERATIONS

- Applying Project Management Principles to Biomedical and Pharmaceutical Product Development*
- Good Manufacturing Practices*
- Introduction to GxPs*
- Quality Compliance*

THERAPEUTIC DISCOVERY AND DEVELOPMENT

- Pharma Clinical, Regulatory, and Compliance*
- Pharmaceutical and Biotech Drugs Journey: From Preclinical to Patients*
- Pharmacokinetics*
- Pharmacology and the ADMET Process*
- Precision Medicine and Companion Diagnostic

TECHNOLOGY



IT OPERATIONS AND MANAGEMENT

- Continuous Integration and Continuous Testing*
- Deployment Automation*

MOBILE APPLICATIONS PROGRAMMING & DESIGN

- iOS App Production*
- iOS Programming I*

PROGRAMMING AND SCRIPTING LANGUAGES

- C# Programming II: Object-Oriented Programming*
- C# Programming for Beginners*
- C/C++ Programming I: Fundamental Programming Concepts*
- C/C++ Programming II: Dynamic Memory and File I/O Concepts*



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- C/C++ Programming IV: Advanced Programming with Objects*
- Cloud Computing for .NET Developers*
- Data Structures and Algorithms in Java*
- Database Programming in .NET*
- Intermediate Python*
- Introduction to Programming*
- Introduction to Programming Using Java*
- Java Programming I: Fundamental Java Concepts*
- Java Programming II: Core Java Programming*
- Java Programming IV : Advanced Java Programming Structures*
- Mobile App Development with C#*
- Python Programming Fundamentals*
- Web API Development in C#*

SYSTEM ADMINISTRATION, NETWORKING AND SECURITY

- Cloud Computing Architecture using Amazon Web Services (AWS)*
- Cybersecurity Fundamentals*
- Governance of Enterprise IT*
- Linux System Administration*
- Penetration Testing*
- Risk and Information Systems Control*

WEB TECHNOLOGIES AND DESIGN

- Front End Development with React*
- Introduction to Front End Technologies*
- Introduction to HTML and CSS*
- Introduction to JavaScript*

WRITING



CHILDREN'S BOOK WRITING & ILLUSTRATION

- Children's Book Illustration & Writing Programs - Information Session*
- Children's Book Illustration I: Thinking in Pictures*
- Getting Published: Navigating the Children's Book Market*
- History of Children's Literature*
- Writing for Children II: Intermediate*
- Writing for the Middle Grade/YA Reader*
- Writing Speculative Fiction: Exploring Fantasy, Fear, and the Future*

COPYEDITING

- Copyediting - Information Session*
- Copyediting I*, II*, III*
- Grammar Lab*
- The Business of Copyediting*

CREATIVE WRITING

- Developing Unforgettable Characters*
- Finding Our Voices, Telling Our Stories*
- Forms of Poetry*
- Gender Identity and Literature: Him, Her, Us*
- News and Feature Writing*
- The Art and Craft of Creative Writing*
- Writers' Workshop: Read and Critique*

SCIENCE COMMUNICATION

- News and Feature Writing*
- Science Writing I*

TECHNICAL COMMUNICATION

- Basics of Technical Editing*
- Technical Communication II*

SPECIAL EVENTS



A UNIVERSAL MEXICAN: THE SURREAL WORLD OF JOSÉ SACAL

Now–OCT 25
Park & Market

Step into the surreal world of Mexican sculptor José Sacal (1944–2018) at UC San Diego Park & Market. A UNIVERSAL MEXICAN features emotionally charged sculptures reimagining icons like Einstein and Frida Kahlo. Presented in partnership with Fundación Sacal and more. Free admission. Visit the 2nd floor gallery during open hours.

parkandmarket.ucsd.edu/event/a-universal-mexican-the-surreal-world-of-jose-sacal



SHAPING OCEAN FUTURES THROUGH EVERYDAY ACTION WEBINAR

OCT 22 • 12:00 PM–1:00 PM

This free webinar explores how human behavior influences the health of our ocean and what can be done to drive positive change. Attendees will learn about key challenges such as overfishing, pollution, and climate impacts, while also examining how communication, culture, and community engagement play a role in promoting effective solutions.

go.ucsd.edu/433dVeV



EVENT SAFETY CERTIFICATE PROGRAM VIRTUAL MEET & GREET

NOV 4 • 2:00 PM

Join us for a virtual meet & greet on Zoom this November to connect with fellow students, meet the program instructors, and learn more about the courses designed to make events safer for everyone.

We'll kick off with a short presentation and then open the floor for Q&A and discussion. Whether you're officially enrolled or just exploring, this is your chance to be part of the growing event safety community.

go.ucsd.edu/3VSSNEb



OSHER LIFELONG LEARNING INSTITUTE WINTER OPEN HOUSE

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Join us at UC San Diego's Osher Lifelong Learning Institute! Explore summer lectures, workshops, and social events for adults 50+. Discover membership benefits and connect with a vibrant community in our modern, convenient classrooms.

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EARN YOUR CERTIFICATE!

UC SAN DIEGO EXTENDED STUDIES CERTIFICATES ARE MORE IMPORTANT THAN EVER

UC San Diego Extended Studies introduced its first certificate program in 1966 as a vehicle for guiding and documenting post-baccalaureate study. Certificates have now become well-respected among working adults, employers, and institutions of higher learning, offering a practical, concentrated study in a specific professional field. Today, continual changes in the workforce and increasingly divergent needs have made the certificate program a valuable tool for personal and professional development. Most of the certificates offered by UC San Diego Extended Studies can be earned in one to three years at a cost between \$1,850 and \$6,000.

1. **CHOOSE YOUR CERTIFICATE** WITHIN ONE OF OUR AREAS OF INTEREST.
2. **REVIEW YOUR CERTIFICATE COURSE MATRIX** (I.E., SCHEDULE OF COURSE OFFERINGS) TO PLAN YOUR CLASSES.
3. **FIND YOUR PREFERRED CERTIFICATE** ON [EXTENDEDSTUDIES.UCSD.EDU/CERTIFICATES](https://extendedstudies.ucsd.edu/certificates) AND USE THE "APPLY NOW" BUTTON ON THE CERTIFICATE'S WEBPAGE TO REGISTER.
4. **COMPLETE ALL REQUIRED COURSES** AND YOUR CHOSEN ELECTIVES WITH A GRADE OF C- OR BETTER.

WHO BENEFITS FROM A CERTIFICATE PROGRAM?

- Savvy employers who understand that encouraging professional growth is one of the best ways to attract and retain talented employees
- Career-oriented employees who want to acquire specialized training or hone existing knowledge and skills
- Skilled professionals who need to stay current with new developments in their fields

FINANCIAL ASSISTANCE

UC San Diego Extended Studies is proud to work with lenders to provide certificate students with an alternative for funding their education. Students enrolled in Extended Studies courses are not eligible for FAFSA; instead, students registered in eligible programs can apply online directly with lenders to secure the funds they need to pay for tuition and book fees.

LEARN MORE AT extendedstudies.ucsd.edu/financial

CERTIFICATE PROGRAMS

ARTS & HUMANITIES PROFESSIONAL

Art & the Creative Process

SPECIALIZED

Children's Book Illustration
Children's Book Writing

BUSINESS & LEADERSHIP PROFESSIONAL

Accounting
Business Management
Facilities Management
Fundraising & Development
Healthcare Financial Analysis
Human Resource Management
Marketing
Project Management

SPECIALIZED

Biotechnology Project Management
Business Analysis Tools & Strategies
Career Advising
Community Leadership
Digital Marketing
Healthcare Financial Analysis
Leadership & Management
Leadership & Teamwork
Lean Six Sigma Black Belt
Supply Management
Sustainable Business Practices
Technology Leadership
Taxation

DATA ANALYSIS & MATHEMATICS PROFESSIONAL

Life Sciences Information Technology

SPECIALIZED

Biostatistics
Business Intelligence Analysis
Data Mining for Advanced Analytics
Database Management
Geographic Information Systems
Institutional Research
Machine Learning Methods
R for Data Analytics

DIGITAL ARTS & PHOTOGRAPHY PROFESSIONAL

Digital Design and Creative Strategy
Instructional Design
Photography: Images & Techniques
User Experience (UX) Design

SPECIALIZED

CAD & BIM

EDUCATION PROFESSIONAL

Early Childhood Education
Early Childhood Education
Leadership *NEW*
Reading Instruction
Teaching Adult Learners
Teaching English to Speakers of
Other Languages
Teaching English as a Foreign
Language (TEFL)

SPECIALIZED

College Counseling
Gifted & Talented Education
Teaching Online

ENGINEERING PROFESSIONAL

Embedded Systems Engineering
Facilities Management
Systems Engineering

SPECIALIZED

Additive Manufacturing
CAD/BIM
Communications Software
Development for Distributed
Energy Resource
Digital Signal Processing
Fire Protection Engineering
Functional Safety Engineering for
Automotive
Functional Safety Fundamentals for
Automotive
HVAC Systems Design and Control
Mechanical Analysis and Design

Power Systems Engineering
Regulatory Affairs for Medical Devices
RF Engineering
Wireless Communications Technologist
Wireless Engineering

ENVIRONMENT & SUSTAINABILITY PROFESSIONAL

Facilities Management

SPECIALIZED

CEQA Practice
Geographical Information Systems
HVAC Systems Design & Control
Power Systems Engineering
Sustainable Business Practices
Sustainability & Behavior Change

HEALTHCARE ADVANCED

Clinical Laboratory Scientist (CLS)
Training Program
Health Leadership Academy
Post Baccalaureate Premedical Program

PROFESSIONAL

Alcohol & Drug Abuse Counseling
Clinical Trials Design & Management
Lactation Consultant
Medical Coding
Medical Writing

SPECIALIZED

Case Management
Clinical Trials Administration
Healthcare Revenue Cycle
Integrative Nutrition
Lactation Education Counselor
Play Therapy

LANGUAGES PROFESSIONAL

Spanish Language
Translation & Interpretation
(Spanish/English)
Teaching English as a Foreign
Language (TEFL)

UC SAN DIEGO CORPORATE EDUCATION

SPECIALTY UP-SKILLING & BUSINESS TRANSFORMATION PROGRAMS

Our custom-tailored training solutions are the perfect way to equip your employees with the tools, skills, and motivation they need to succeed. All courses, workshops, and certificates can be combined to create a custom program that meets your unique needs.

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SPECIALIZED

Spanish for Healthcare Professionals
Translation (Spanish/English)

LAW

PROFESSIONAL

Paralegal Studies (ABA-approved)
Patent Law
Translation & Interpretation
(Spanish/English)

OCCUPATIONAL SAFETY & HEALTH

PROFESSIONAL

Event Safety
Professional Safety and Health Officer

PROFICIENCY

Safety and Health Fundamentals

SPECIALIZED

Safety and Health Specialist

SCIENCES

PROFESSIONAL

Clinical Trials Design & Management
Drug Discovery & Development
Intellectual Property

SPECIALIZED

ADMET in Drug Development
Applied Bioinformatics
Biostatistics
Biotechnology Project Management
Clinical Trials Administration
Quality Assurance & Control
Regulatory Affairs Essentials
Regulatory Affairs for Medical Devices

TECHNOLOGY

PROFESSIONAL

Facilities Management
Graphic & Web Design
Lean Six Sigma Black Belt
User Experience (UX) Design

SPECIALIZED

C# Programming
C/C++ Programming

Front End Development
iOS Programming
Java Programming
Python Programming
Software Engineering Management
Software Quality Assurance
Science Communication

WRITING

PROFESSIONAL

Content Marketing
Creative Writing

SPECIALIZED

Children's Book Illustration
Children's Book Writing
Copyediting
Science Communication

ONLINE

Accounting and
Business Analysis Tools
& Strategies
ADMET in Drug
Development
Alcohol & Drug Abuse
Counseling
Applied Bioinformatics
Business Intelligence
Analysis
Business Management
Biostatistics
Biotechnology Project
Management
CAD & BIM
C# Programming
Case Management
C/C++ Programming
Career Advising
CEQA Practice
Children's Book
Illustration

Children's Book Writing
CLAD Through CTCL
Clinical Trials Design and
Management
College Counseling
Copyediting
Creative Writing
Data Mining
Digital Design and
Creative Strategy
Digital Marketing
Digital Signal Processing
Drug Discovery and
Development
Early Childhood Education
eDiscovery & Litigation
Technology
Embedded Computer
Engineering
Facilities Management
Fire Protection Engineering

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Geographical Information
Systems
Gifted & Talented Education
Healthcare Financial Analysis
Healthcare Revenue Cycle
Human Resource Management
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Instructional Design
Integrative Nutrition
Lactation Consultant
Lactation Education Counselor
Marketing
Medical Coding
Medical Writing
Patent Law
Photography: Images and
Techniques
Project Management
Python Programming

Quality Assurance & Control
Regulatory Affairs Essentials
Regulatory Affairs for Medical
Devices
RF Engineering
Science Communication
Spanish Language
Supply Management
Sustainability & Behavior Change
Sustainable Business Practices
Systems Engineering
Teacher Induction
Teaching Adult Learners
Teaching Online
Technology Leadership
Translation (Spanish/English)
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Discover how stem cell breakthroughs are reshaping health and medicine.

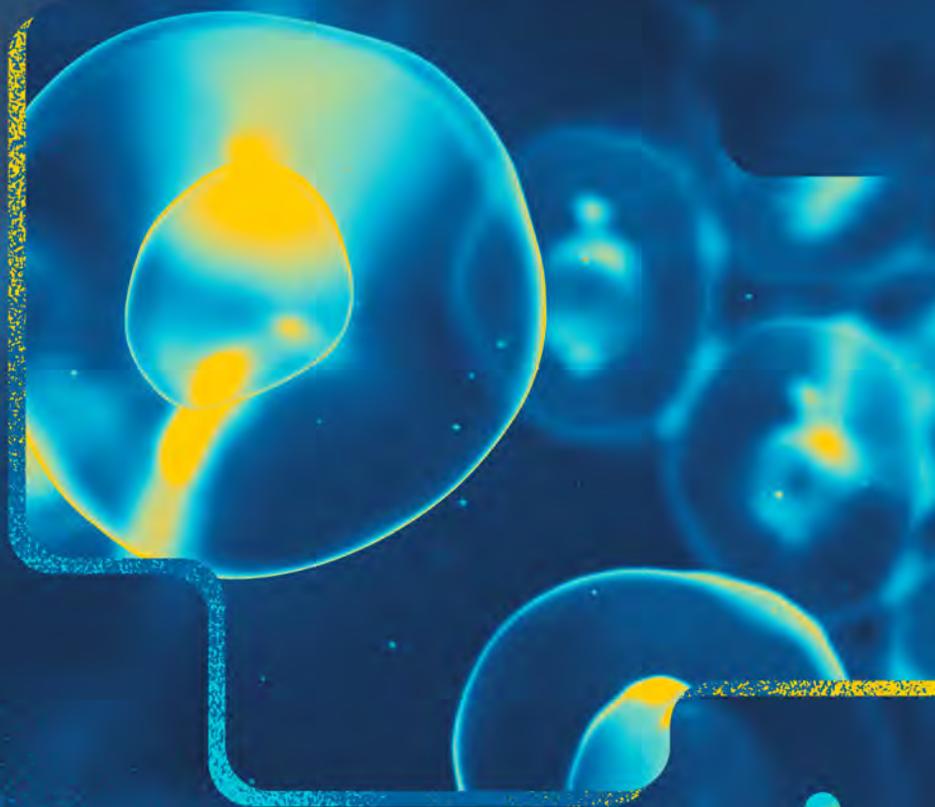
Stem cell science is transforming medicine and deepening our understanding of human development. **The Stem Cell Channel** takes you inside the labs, introduces the scientists leading the way, and shows how discoveries impact everyday health.

From uncovering what makes a stem cell unique to advances in **regenerative medicine**, our programs bring science to life. You'll see how cell reprogramming and tissue repair are opening new doors for healing.

We share inspiring stories of progress in **cancer treatment**, **genetic therapies**, and brain health, along with how tools like **CRISPR** and **artificial intelligence** are helping doctors design tomorrow's cures.

Our channel also highlights exciting frontiers in **space research**, the art of scientific storytelling, and the growing promise of **precision medicine**—all showing how today's stem cell research is shaping a healthier future.

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