



PROFESSIONAL &
CONTINUING EDUCATION

UNIVERSITY of WASHINGTON

www.keeplearning.uw.edu

FEED YOUR CURIOSITY

*Certificates, degrees & courses for busy adults, with
part-time options in the evenings, on weekends & online.*

ANNUAL CATALOG
SUMMER 2013 – SPRING 2014

Ways to Pay for Your Education p. 4
Tips for Changing Careers p. 27
Insights for Balancing Work & School p. 41

PART TIME // EVENINGS // WEEKENDS // ONLINE



We Make It Convenient for You to **FEED YOUR CURIOSITY**

SINCE OUR INCEPTION IN 1912 AS THE EDUCATIONAL OUTREACH UNIT OF THE UNIVERSITY OF WASHINGTON, OUR MISSION HAS BEEN TO PROVIDE BROAD ACCESS TO THE UW AND EXPAND UW EDUCATIONAL PROGRAMS BY SERVING THE NEEDS OF DIVERSE, GLOBAL COMMUNITIES OF LEARNERS.

We continue that tradition today by offering a central place for you to explore your options for continuing your education at the UW, whether you live in Seattle or elsewhere in the world. Choose from UW certificate and degree programs that are designed for working professionals, with flexible part-time options in the evening, on weekends and online.

KEEP LEARNING *at the* UNIVERSITY OF WASHINGTON

CERTIFICATE PROGRAMS

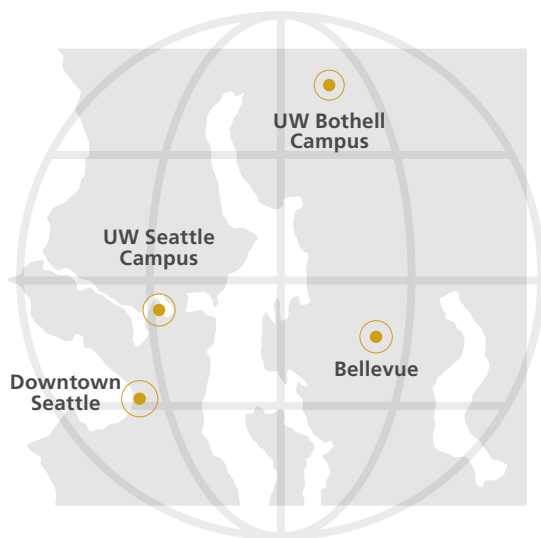
Choose from 130 programs in a wide variety of subject areas, all developed under the guidance of advisory boards and taught by industry leaders who understand the needs of employers.

DEGREE PROGRAMS

Advance your education in one of 60 graduate and undergraduate degree completion programs in a wide range of fields. Our degree programs offer flexible formats in the evenings, on weekends, online and part time — ideal for working professionals.

SELECT COURSES & OTHER PROGRAMS

Earn college credit toward a degree, satisfy a prerequisite, prepare for a certificate program, gain knowledge for your career or fulfill a personal interest. This catalog captures only a fraction of the individual course offerings and other opportunities you can find on our website.



A UW EDUCATION IS ALWAYS WITHIN REACH

We offer programs throughout the Puget Sound region and online, so you can keep learning at the University of Washington no matter where you are.

Connect with us for more information.

WEBSITE: www.keeplearning.uw.edu

PHONE: 206-897-8939

TOLL-FREE: 800-506-1325

FAX: 206-685-9359

EMAIL: info@pce.uw.edu



Subscribe to our monthly newsletter for industry trends, timely program and event info, career tips and more. As part of our community, you'll be among the first to hear about our popular events, new programs and tips for balancing life and learning.

www.keeplearning.uw.edu

REASONS TO KEEP LEARNING *in our* CERTIFICATE & DEGREE PROGRAMS

YOU GAIN IN-DEPTH KNOWLEDGE THAT OPENS POSSIBILITIES AND HELPS YOU REACH YOUR GOALS. In addition to giving you the reward of learning something new, UW certificates and degrees can help you sharpen your skills, get a promotion, change careers, step into an emerging field or prepare to branch out on your own — as demonstrated by thousands of graduates each year.

WE MAKE IT CONVENIENT FOR YOU TO KEEP YOUR DAY JOB, HAVE A LIFE AND STILL KEEP LEARNING. Certificates typically consist of one or two courses each quarter for three quarters, which means you can complete a program in just nine months. Some take even less time. Degree programs generally take two or more years to complete. To maximize flexibility around busy work and family lives, we offer programs during the evening, on weekends, online and in a variety of locations, including the UW Seattle campus, downtown Seattle, Bellevue and Bothell.

WE HELP YOU BROADEN YOUR PROFESSIONAL NETWORK. Most students find their lives are enriched by the connections they make. Throughout the duration of a program, you attend classes with like-minded individuals, which can be a great bonding experience. Learn from UW faculty, instructors and guest speakers who are top industry professionals in touch with the latest developments in their fields. Often these contacts lead to unexpected career developments.

YOU COMPLETE RELEVANT PROJECTS AND EARN A RESPECTED UW CREDENTIAL. In addition to our highly ranked degree programs, we offer a range of well-regarded certificate programs. Certificates are developed under the guidance of an advisory board made up of individuals who understand the evolving needs of employers. As a result, you gain practical, real-world knowledge that is immediately applicable in the workplace. Programs culminate with a capstone project or portfolio piece that you can use to demonstrate your learning to employers and others interested in your work.

THROUGH OUR PROGRAMS, YOU EXPERIENCE THE ADVANTAGES OF THE UW AND LEARN FROM INDUSTRY LEADERS. By tapping into the tremendous resources of UW faculty, our advisory boards and our instructors, we're able to offer programs that address the demands of rapidly changing work environments and emerging technologies. Many of our programs are not offered anywhere else in the region.

PAYING FOR YOUR EDUCATION

As you explore your options, keep in mind that you don't have to pay for an entire certificate or degree program all at once. Instead you pay for the courses you register for each quarter, which makes the costs more manageable. Even so, it's good to explore the possible ways to cover your costs.

Programs you may qualify for:

- ▶ Employer-Paid Education Benefits
- ▶ WorkSource Unemployment Benefits
- ▶ AmeriCorps Education Award
- ▶ Veteran Education Benefits
- ▶ Tax Credits and Deductions

To learn more about these options, visit www.pce.uw.edu/pay-for-your-education.

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GENERAL INFORMATION

INCLEMENT WEATHER/EMERGENCIES
 The university is closed and class meetings are canceled only under extreme weather conditions or emergencies. For information about the cancellation of classes, call 206-547-INFO or 206-897-8939, or visit www.keeplearning.uw.edu.

STUDENT RESOURCES
 For general information, holiday closures and details on registration and student policies, please visit www.pce.uw.edu/resource.aspx.

REGISTRATION OFFICE
 4311 11th Ave. NE, Suite 100
 Seattle, WA 98105
 Hours: Mon – Fri, 8 a.m. – 5 p.m.
 Extended hours may be available.

EQUAL OPPORTUNITY

The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability or status as a disabled veteran or Vietnam-era veteran. This policy applies to all programs and facilities, including, but not limited to, admissions, educational programs, employment and patient and hospital services. Any discriminatory action can be a cause for disciplinary action. Discrimination is prohibited by Presidential Executive Order 11246 as amended, Washington State Gubernatorial Executive Orders 89-01 and 93-07, Titles VI and VII of the Civil Rights Act of 1964, Washington State Law Against Discrimination RCW 49.60, Title IX of the Education Amendments of 1972, State of Washington Gender Equity in Higher Education Act of 1989, Sections 503 and 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990, Age Discrimination in Employment Act of 1967 as amended, Age Discrimination Act of 1975, Vietnam-Era Veterans' Readjustment Assistance Act of 1972 as amended, other federal and state statutes, regulations and university policy. Equal Opportunity and Affirmative Action compliance efforts at the University of Washington are coordinated by the Office of Equal Opportunity and Affirmative Action, University of Washington, Box 351270, Seattle, Washington, 98195-1270, telephone 206-543-5630 or email eoaa@u.washington.edu.

DISCLOSURE OF STUDENT RECORDS / FERPA

The Family Educational Rights and Privacy Act (FERPA) of 1974 protects the privacy of your education records. However, the following information is considered public or directory information and may be released to anyone unless you request that you do not wish any information released: name, telephone number, major field of studies, dates of attendance, degrees and awards received, full- or part-time enrollment status, educational institutions attended and for athletes, date of birth. To request release of information, complete and submit the Consent to Release Records form to the address on the form or contact UW Professional & Continuing Education at 206-897-8939.



Keep learning.
It's the Washington Way.

ARTS, COMMUNICATIONS & HUMANITIES



OUR FIRST-CLASS INSTRUCTOR ADVANTAGE

“ Every year I hear from students who tell me, ‘I just signed another contract!’ A student who signed a contract last year is working on their second book now, also under contract. I tell my students that one of my goals is to come to their book signings. ”

— Pam Binder, Instructor, Certificate in Popular Fiction
Writer & President of the Pacific Northwest Writers Association

CERTIFICATE PROGRAMS

CERTIFICATE IN AUDIO PRODUCTION

UW Seattle Campus // Starts in Autumn Quarter

Master the principles of audio engineering, and learn how professional sound projects for music, video and film are produced. Understand how project plans are developed and priced. Study the basics of mixing, storage media and the mastering process. Develop technical savvy with acoustics, microphones, analog and digital recording, signal processing, MIDI and synchronization.

Key Outcome: You will have the knowledge and skills to work in audio production.

COURSES: Noncredit

- ▶ Principles of Audio Production
- ▶ Audio Production in the Studio
- ▶ Audio Production Project

COST PER COURSE: \$1,247

FORMAT: Evenings

CERTIFICATE IN DIGITAL PUBLISHING

Downtown Seattle // Starts in Autumn Quarter

Learn to identify and understand major concepts, tools, trends and standards used in digital publishing. Become familiar with the editorial, design, production, legal, ethical and business aspects of this field. Learn how to optimize e-books, e-magazines, blogs and other online content for a variety of audiences and digital platforms. Gain hands-on experience producing online publications.

Key Outcome: You will learn the latest methods, platform options and skills to publish digital content such as e-books, e-magazines and blogs.

COURSES: Noncredit

- ▶ Digital Content
- ▶ Publishing Tools
- ▶ The Business of Digital Publishing

COST PER COURSE: \$899

FORMAT: Evenings

CERTIFICATE IN DIRECTING FOR STAGE & SCREEN

UW Seattle Campus // Starts in Autumn Quarter

Prepare to serve as a director for theater, performance, dance, musical theater or film productions. Explore the creative and administrative work of a director. Gain experience in play and film analysis, staging and composition and film styles. Learn to lead auditions and rehearsals and to make conceptual decisions regarding plays, films, scenes, characters and visual design. Acquire the skills to work with stage managers, actors, designers, playwrights, screenwriters, and directors of photography.

Key Outcome: You will gain the necessary knowledge and training to serve as a director or assistant director for stage or screen.

COURSES: Noncredit

- ▶ Principles of Directing
- ▶ Intermediate Directing
- ▶ Advanced Directing

COST PER COURSE: \$689

FORMAT: Evenings

CERTIFICATE IN EDITING

UW Seattle Campus // Starts in Autumn & Winter Quarters

Advance your understanding of the editorial process, and apply your knowledge to editing a wide variety of print and online publications. Explore the relationship between editors and writers, as well as the art of proposing editorial changes. Enhance your own writing skills while learning to collaborate in developing the best copy for the audience and type of publication.

Key Outcome: You will be prepared to launch a career in editing with the skills needed to edit a variety of publications.

COURSES: Noncredit

- ▶ Editorial Roles and Grammar for Editors
- ▶ Copyediting and Editing for the Web
- ▶ Advanced Editing & Practicum

COST PER COURSE: \$744

FORMAT: Evenings or Weekends

CERTIFICATE IN FASHION: CONCEPT TO MARKET

UW Seattle Campus // Starts in Autumn Quarter

Learn how to develop a successful fashion line. Identify your own niche and create a unique vision that will capture attention yet reflect contemporary fashion trends. Understand how to make key decisions on the sourcing of textiles and materials, costing and pricing, sample making, construction processes and distribution. Find out how to write and present a fashion marketing plan that will promote your fashion line to your most viable markets.

Key Outcome: You will learn how to make your fashion ideas a reality and will be prepared to take your products to market.

COURSES: Noncredit

- ▶ Finding Your Personal Voice: Concept and Design
- ▶ Making the Design a Reality: Creating Your Line
- ▶ Reaching Your Audience: Marketing the Line

COST PER COURSE: \$805

FORMAT: Evenings

CERTIFICATE IN FILM & VIDEO: ARTISTRY & PRODUCTION

UW Seattle Campus // Starts in Autumn Quarter

Discover what it takes to make a short film by working on a project from concept to postproduction. Examine the arts of storytelling, screenwriting and visual communication to lay the foundation for a high-quality narrative, documentary or commercial film. Study the technical fundamentals of film and video production, and learn to plan, produce and edit your work using the latest technologies.

Key Outcome: You will develop the skills needed to work in film and video, from project inception to final postproduction editing.

COURSES: Noncredit

- ▶ The Art of Film and Video
- ▶ The Art of Shooting Film
- ▶ The Art of Post Production

COST PER COURSE: \$1,325

FORMAT: Evenings

CERTIFICATE IN GAME DESIGN

Bellevue // Starts in Autumn Quarter

Expand your understanding of the principles and methodologies of modern game design and interactive online experiences by comparing designs across a variety of genres. Analyze the dynamic elements of game systems, and learn how games are implemented and monetized at major studios. Use agile project management techniques to build prototypes of both digital and non-digital games.

Key Outcome: You will acquire the skills needed to design and implement an original game and will learn how the game industry works.

COURSES: Noncredit

- ▶ Fundamentals of Game Design
- ▶ Game Mechanics & Systems Design
- ▶ Agile Game Development

COST PER COURSE: \$979

FORMAT: Evenings

5 REASONS TO ENROLL IN A UW CERTIFICATE OR DEGREE

- ▶ You gain in-depth knowledge that opens possibilities and helps you reach your goals.
- ▶ You can keep your day job, have a life and still keep learning.
- ▶ You broaden your professional network.
- ▶ You complete relevant projects and earn a respected UW credential.
- ▶ You experience the advantages of the UW and learn from industry leaders.

CERTIFICATE IN GENEALOGY & FAMILY HISTORY

UW Seattle Campus // Starts in Autumn Quarter

Learn to unearth new facts about your ancestors and view the information within the political, economic and social changes that shaped communities of that time. Focus on a selected project to better understand the course of your ancestors' lives. Uncover fascinating stories not just about your past, but also about the forces and people behind societal transformations.

Key Outcome: You will know how to use a range of research tools and techniques in both genealogy and history to preserve your family's individual and collective past.

COURSES: Noncredit

- ▶ Genealogy and Family History
- ▶ Research Sources and Strategies
- ▶ Research Seminar in Genealogy and Family History

COST PER COURSE: \$678

FORMAT: Evenings

CERTIFICATE IN LITERARY FICTION I

UW Seattle Campus // Starts in Autumn & Winter Quarters

Explore elements, such as richly nuanced characters, thought-provoking subject matter and lyrical language, that are the foundation of literary short stories and novels. Learn the craft of writing literary fiction by focusing on character development, narrative voice and point of view. Study works of literary fiction, and develop your own stories through concrete writing exercises. Discover how to bring the vibrant characters and ideas in your imagination to life.

Key Outcome: You will develop your literary fiction writing skills by writing several short stories or a novel.

COURSES: Noncredit

- ▶ Literary Fiction I: Foundations
- ▶ Literary Fiction I: Intermediate
- ▶ Literary Fiction I: Capstone

COST PER COURSE: See website for details

FORMAT: Evenings or Weekends

CERTIFICATE IN LITERARY FICTION II

UW Seattle Campus // Starts in Autumn Quarter

Strengthen your literary writing skills as you revise and complete a full-length novel. Explore language and detail choices, narrative voice, dialogue, uses of time and other facets of writing. Learn about story premise and methods for organizing story structure. Receive guidance from an award-winning instructor as you study literary trends and practices. Learn how to research markets and prepare your manuscript for the literary marketplace.

Key Outcome: You will advance your literary fiction writing skills by revising and completing your novel and preparing it for submission to agents and publishers.

COURSES: Noncredit

- ▶ Literary Fiction II: Story Premise and Structure
- ▶ Literary Fiction II: Character
- ▶ Literary Fiction II: Language and Presentation

COST PER COURSE: \$665

FORMAT: Evenings

CAREER INSIGHTS

CHASING YOUR BOOK DREAM

With the rise of tools like Kindle Direct Publishing, as well as on-demand print services with low barriers of entry, writers are no longer left to the mercy of agents, editors and publishing houses when working to share their stories.



Read more about how local authors have turned their book dreams into reality in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

CERTIFICATE IN MEMOIR

UW Seattle Campus // Starts in Autumn Quarter

Develop skills to write about your life. Learn to include elements such as dialogue, description and backstory to capture the truth of a particular moment, character or experience and create a compelling memoir. Explore how to compose a book-length memoir or collection of essays stage by stage. Discover your true voice and material as you develop, structure and edit your memoir. Establish your writing schedule, goals and vision, and learn about avenues for publication.

Key Outcome: You will learn the art of storytelling and how to approach your own life story by writing a book-length memoir or collection of essays.

COURSES: Noncredit

- ▶ Generating Memoir Material
- ▶ Organizing Your Material
- ▶ Polishing Your Material

COST PER COURSE: \$683

FORMAT: Evenings

CERTIFICATE IN NATURAL SCIENCE ILLUSTRATION

UW Seattle Campus // Starts in Autumn Quarter

Learn how to render detailed zoological and botanical illustrations using a variety of media. Develop a comprehensive set of nature illustration skills using carbon dust, color pencil, stipple pen and ink, watercolor and gouache. Study principles related to forms, biomechanics and structural diversity found in the animal kingdom. Learn digital illustration and online publishing techniques, and get tips on contracts, copyrights and how to market your work.

Key Outcome: You will be prepared for a career in natural science illustration, which includes publishing your work or consulting for zoos and botanical societies.

COURSES: Noncredit

- ▶ Principles of Natural Science Illustration
- ▶ Zoological Illustration
- ▶ Wildlife Illustration
- ▶ Vertebrate Illustration
- ▶ Additional courses on website

COST PER COURSE: \$665

FORMAT: Evenings

CERTIFICATE IN NONFICTION WRITING

UW Seattle Campus // Starts in Autumn & Winter Quarters

Study one of the most versatile genres in contemporary literature: nonfiction writing. Discover how to master writing techniques and prepare your work for freelance publication. Create a portfolio of quality work suitable for publication in newspapers, magazines, books or online. Explore topics and complete assignments designed to develop your voice and writing skills.

Key Outcome: You will develop the techniques of writing nonfiction for a variety of audiences and purposes and will learn how to market your writing.

COURSES: Noncredit

- ▶ Nonfiction: Foundations
- ▶ Nonfiction: Writing Seminar and Portfolio

COST PER COURSE: \$935

FORMAT: Evenings

CERTIFICATE IN PHOTOGRAPHY

UW Seattle Campus // Starts in Autumn Quarter

Survey the history of photography and learn from the masters as you develop your own personal aesthetic style. Hone your photography skills through hands-on practice with a digital camera, and examine the basics of composition and fine art printing. Become versed in the modern digital tools and techniques that will help you produce high-quality creative images.

Key Outcome: You will develop skills to produce eye-catching photographic images that provide you with the foundation to launch your artistic or commercial career in photography.

COURSES: Noncredit

- ▶ It's the Image that Communicates
- ▶ The Creativity of Photography and Digital Imaging
- ▶ Photographic Exhibition and the Professional Practice of Photography

COST PER COURSE: \$866

FORMAT: Evenings & Weekends

CERTIFICATE IN POPULAR FICTION I

UW Seattle Campus // Starts in Autumn & Winter Quarters

Explore popular fiction, the backbone of the commercial fiction industry. Examine the art of captivating readers with strong plots, powerful scenes and three-dimensional characters. Learn how to construct a suspenseful and complex storyline and write believable dialogue. Master the development of the beginning, middle and end of your novel during three different courses dedicated to each section's development.

Key Outcome: You will develop your popular fiction writing skills through the process of creating an initial draft of a novel.

COURSES: Noncredit

- ▶ Popular Fiction I: The Beginning
- ▶ Popular Fiction I: The Middle
- ▶ Popular Fiction I: The End

COST PER COURSE: \$665

FORMAT: Evenings

CERTIFICATE IN POPULAR FICTION I: INTENSIVE

UW Seattle Campus // Starts in Winter Quarter

This is a part-time program that runs for six months. See the Certificate in Popular Fiction: I on the previous page for a program description and key outcome.

COURSES: Noncredit

- ▶ Popular Fiction I: Foundations
- ▶ Popular Fiction I: Capstone

COST PER COURSE: See website for details

FORMAT: Weekends

CERTIFICATE IN PUBLIC RELATIONS & STRATEGIC COMMUNICATIONS

UW Seattle Campus // Starts in Autumn Quarter

Learn to persuade audiences with clear and engaging content that is strategically distributed across a variety of channels, including traditional and digital media, social networks, corporate communications and speaking engagements. Develop the ability to build relationships with journalists and other key influencers. Explore how to work with specialized audiences such as legislators, investors, donors, community members and employees. Gain the skills needed to plan, execute and evaluate an effective communications strategy.

Key Outcome: You will be able to tell engaging stories that support your mission or brand and will be equipped to strategically manage communications across traditional and digital channels.

COURSES: Noncredit

- ▶ Media Relations
- ▶ Strategic Communications Practices and Functions
- ▶ Specialized Audiences and Advanced Techniques
- ▶ Storytelling for Results
- ▶ Strategic Communications Planning
- ▶ Communications Practicum

COST PER COURSE: \$524

FORMAT: Evenings & Weekends

CAREER INSIGHTS

HOW TEMPORARY OR CONTRACT WORK WORKS

Whether you're looking for a full-time job or want to supplement your freelance business, staffing agencies can be a valuable resource in helping you reach your goal. In Seattle, companies such as Microsoft, Boeing, Starbucks and Amazon all use staffing agency employees, often called contract workers or temps, to fill temporary positions and as a key way to find full-time employees.

Since companies generally use staffing agencies to fill immediate needs, contracting offers a way to quickly get a paying job in your field. As a contractor, you gain on-the-job experience, professional connections and a competitive hourly wage.

You might think of temporary work as a means to get a foot in the door of companies that may be unwilling to commit to an employee without first getting to know them. At the same time, you get the opportunity to try out a particular company to see if you want to pursue full-time work there. A contract period can be a mutually beneficial arrangement. Employers can be more cautious about those they hire, and employees get some time to make sure a position fits their skills and aspirations.

Still, others prefer the flexibility that temp work affords them. Each contract will provide a changing environment in which to test yourself. Temp work requires adaptability and can help you develop fresh, surprising skills for your next role.



Read the full article in the Career Insights section of our website at www.pce.uw.edu/career-insights. For more career tips and industry trends, sign up for our monthly newsletter.

CERTIFICATE IN SCREENWRITING

UW Seattle Campus // Starts in Autumn Quarter

Examine the fundamentals of good screenwriting, and develop your own original, full-length screenplay. Study the art of storytelling in seminal film and television works. Practice screenwriting exercises that help prompt creativity and help you organize your ideas and refine your narrative. Focus on crafting compelling themes, characters, conflict and resolution. Familiarize yourself with pitching techniques and approaches to selling your screenplay.

Key Outcome: You will create a polished, full-length screenplay while developing your skills to market it to agents and studios.

COURSES: Noncredit

- ▶ Screenwriting: Story
- ▶ Screenwriting: First Draft & Rewrite

COST PER COURSE: \$1,045

FORMAT: Evenings

CERTIFICATE IN SOCIAL MEDIA TECHNOLOGIES & IMPLEMENTATION

Bellevue or Downtown Seattle // Starts in Autumn & Winter Quarters

Gain hands-on experience with a range of social media tools and platforms, and discover the benefits and challenges of user-driven content and technologies. Learn how organizations are leveraging social media to create measurable business value, and analyze examples of successes and failures. Explore organizational impacts of social media, including changes to job descriptions, business processes and collaboration models.

Key Outcome: You will be able to develop and implement a successful social media strategy for use by an organization.

COURSES: Noncredit

- ▶ Social Media in Business
- ▶ Social Media Platforms & Tools
- ▶ Social Media Thought Leadership: Defining a Roadmap

COST PER COURSE: \$925

FORMAT: Evenings

NEW! CERTIFICATE IN STAGE MANAGEMENT

UW Seattle Campus // Starts in Autumn Quarter

Develop the organizational and interpersonal skills and knowledge you need to become a stage manager. Acquire techniques for stage management problem solving and technical troubleshooting for use during rehearsals and performances. Learn how to work with directors, actors and technicians. Practice creating documents such as performance schedules, scripts notated with blocking and cues, and lighting and sound call sheets. Prepare to market yourself to a variety of performing arts organizations.

Key Outcome: You will develop the administrative, creative and technical skills needed to serve as an effective stage manager for theater, performance, dance or live music.

COURSES: Noncredit

- ▶ Principles of Stage Management
- ▶ Intermediate Stage Management
- ▶ Advanced Stage Management

COST PER COURSE: \$715

FORMAT: Evenings

CERTIFICATE IN VIRTUAL WORLDS

Online // Starts in Autumn Quarter

Learn to use immersive virtual environments to enhance business, social and educational interactions within any type of organization. Examine methods for creating increasingly sophisticated immersive worlds that incorporate game theory, 3D environments and information science. Explore an emerging movement to create green workplaces by using virtual location alternatives to reduce the need for commuting and business travel.

Key Outcome: You will learn to build and evaluate virtual worlds and to optimize their use in business, social and educational applications.

COURSES: Credit or Noncredit

- ▶ Selecting and Using Virtual Worlds
- ▶ Designing Virtual Worlds
- ▶ Programming Virtual Worlds

COST PER COURSE: \$938 – \$1,109

FORMAT: Online

THE STUDENT EXPERIENCE

“The certificate program provided me with great hands-on experience, including a day-long, mock crisis communications exercise that I loved. The program really opened the door for me and helped me transition from an internal communications role to a community relations role at Microsoft.”

— Chad Mack, Alumnus, Certificate in Public Relations & Strategic Communications
Community Market Manager, Microsoft Stores

CERTIFICATE IN WEB DESIGN*Bellevue or Online // Starts in Winter Quarter*

Explore Web design and accessibility concepts, standards and best practices, and integrate these as you build a website using Adobe software. Learn about effective user interfaces and usability principles. Study the essentials of cascading style sheets, and learn to share site design ideas with clients through wireframes.

Key Outcome: You will be able to create and deliver standards-based websites with immersive digital experiences using Adobe Creative Suite.

COURSES: Noncredit

- ▶ Web Design Production and Foundations
- ▶ Visual and Information Design: Digital Imaging
- ▶ Web Publishing

COST PER COURSE: \$950**FORMAT:** Evenings or Online**CERTIFICATE IN WRITING FOR CHILDREN***UW Seattle Campus // Starts in Autumn Quarter*

Investigate the world of children's fiction and nonfiction, including picture books, chapter books and novels. Learn to bring your own tales to life and captivate children's imaginations. Discover how to transform the idea of a story into an enthralling narrative. Explore how to use your own inner resources to strengthen your creative voice, and prepare for the long, quiet phase of writing and rewriting on your own.

Key Outcome: You will learn the craft of writing as you discover your voice as a children's book author and gain an understanding of the children's publishing market.

COURSES: Noncredit

- ▶ Writing for Children: Foundations
- ▶ Writing for Children: Intermediate
- ▶ Writing for Children: Capstone

COST PER COURSE: \$669**FORMAT:** Evenings

DEGREE PROGRAMS

BACHELOR OF ARTS IN COMMUNICATION, ENGLISH, HUMANITIES OR SOCIAL SCIENCES*UW Undergraduate Evening Degree Completion***FORMAT**

- ▶ Part or Full Time, Evenings

MASTER OF COMMUNICATION IN DIGITAL MEDIA*UW Department of Communication***FORMAT**

- ▶ Part or Full Time, Evenings

MASTER OF COMMUNICATION IN COMMUNITIES & NETWORKS*UW Department of Communication***FORMAT**

- ▶ Part or Full Time, Evenings

MASTER OF FINE ARTS IN CREATIVE WRITING & POETICS*UW Bothell***FORMAT**

- ▶ Full Time, Evenings



Subscribe to our monthly newsletter for industry trends, timely program and event info, career tips and more.

www.keeplearning.uw.edu



Keep learning.
It's the Washington Way.

BUSINESS



OUR ADVISORY BOARD ADVANTAGE

“When I was starting my career, there were a bunch of geeks that sat in a room and developed code. Now everything is becoming so closely related that the business analysis role, and this program, will become more and more important. That’s why I got excited when I was invited to be on the board for this program. It’s teaching skills that are needed in industry.”

— Rod Achtmann-Mendoza, Advisory Board Member, Certificate in Business Analysis
Senior Director, MSCIS, Microsoft Corporation

CERTIFICATE PROGRAMS

CERTIFICATE IN ACCOUNTING

UW Seattle Campus // Starts in Autumn Quarter

Learn about the use and preparation of accounting information for both nonprofit and for-profit organizations. Examine accounting techniques for regulatory reporting, budgeting, information technology, operations and sales. Analyze, prepare and use financial information to make business decisions. Build your managerial competency and prepare for professional certification exams.

Key Outcome: You will gain knowledge in the areas of financial and cost accounting, taxation and auditing and the analytical skills that are sought by companies in every industry.

COURSES: Credit

- ▶ Accounting Principles I
- ▶ Accounting Principles II
- ▶ Accounting Principles III

COST PER COURSE: \$2,133

FORMAT: Evenings

CERTIFICATE IN ACCOUNTING: INTENSIVE

UW Seattle Campus // Starts in Summer Quarter

This is a full-time program that runs for 10 weeks. See the Certificate in Accounting above for a program description and key outcome.

COURSES: Credit

- ▶ Intensive Analysis of Accounting Principles and Practices

COST PER COURSE: \$4,599

FORMAT: Days

NEW! CERTIFICATE IN ACTUARIAL SCIENCE

UW Seattle Campus or Online // Starts in Summer Quarter

Learn the advanced statistical, econometric and mathematical fundamentals needed for success as an actuary. Understand specialized quantitative models and concepts in order to analyze data, accurately predict future trends and effectively manage risk. Study modern, advanced statistical and actuarial theory, and gain skills critical to strategic decision making.

Key Outcome: You will gain the necessary mathematical and quantitative modeling skills to prepare for the actuarial certification exam series and enter or advance in the actuarial profession.

COURSES: Credit

- ▶ Probability and Statistics for Computational Finance
- ▶ Investment Science
- ▶ Options and Derivatives
- ▶ Actuarial Models and Estimation
- ▶ Models for Life Contingencies

COST PER COURSE: \$2,700 – \$4,500

FORMAT: Days or Online

CERTIFICATE IN ADVANCED ONLINE MARKETING*Downtown Seattle // Starts in Winter Quarter*

Discover how to build and sustain successful online marketing programs. Strengthen your understanding of marketing methods for generating online traffic and customer engagement, including SEO, mobile and email marketing, pay-per-click and social media. Optimize your marketing efforts through data analysis and effective integration of digital initiatives with existing marketing activities. Sharpen your business skills in areas such as marketing strategy, forecasting and calculating return on investment.

Key Outcome: You will be prepared to build a strong online marketing plan and business case and evaluate its impact.

COURSES: Noncredit

- ▶ Online Marketing Strategies and Methods
- ▶ Campaign Optimization and Customer Retention

COST PER COURSE: \$2,250**FORMAT:** Weekends**NEW! CERTIFICATE IN BENEFITS DESIGN & ADMINISTRATION***UW Seattle Campus or Online // Starts in Winter Quarter*

Learn how to select, design, modify and manage employee benefits plans. Study benefits regulations, and learn how to ensure compliance. Determine how to provide attractive benefits packages to employees while keeping costs manageable for employers. Gain skills in managing benefits plans during annual enrollment, and learn how to adjust them during times of new regulations, acquisitions and mergers.

Key Outcome: You will acquire the knowledge and skills to effectively design, implement and manage employee benefits plans.

COURSES: Noncredit

- ▶ Benefits Law and Elements of Benefit Plans
- ▶ Benefits Administration and Communication

COST PER COURSE: See website for details**FORMAT:** Evenings or Online**CERTIFICATE IN BUSINESS ADMINISTRATION***UW Seattle Campus // Starts in Summer & Winter Quarters*

Enhance your business management abilities and fine-tune your leadership skills. Study how to increase productivity, better manage people and handle human resource issues. Explore the basics of financial and managerial accounting. Understand how to assess your organization from a variety of key perspectives — economic, financial, market, policy and legal — to support better decision making. Learn to develop and present a strategic business plan.

Key Outcome: You will gain the core marketing, accounting, finance and business skills required for career advancement in business.

COURSES: Credit

- ▶ Fundamentals of Business Administration
- ▶ Fundamentals of Business Administration (Continued)

COST PER COURSE: \$2,505**FORMAT:** Evenings**CERTIFICATE IN BUSINESS ADMINISTRATION: INTENSIVE***UW Seattle Campus // Starts in Summer Quarter*

This is a full-time program that runs for 10 weeks. See the Certificate in Business Administration above for a program description and key outcome.

COURSES: Credit

- ▶ Fundamentals of Business Administration

COST PER COURSE: \$3,998**FORMAT:** Days**CERTIFICATE IN BUSINESS ANALYSIS***Bellevue or Downtown Seattle // Starts in Autumn Quarter*

Learn to identify business needs and opportunities and determine solutions as a business analyst professional. Develop an understanding of an organization's structure, policies, business rules and operations. Deliver both IT and non-IT solutions that better address business objectives and reduce risk. Gain exposure to waterfall, agile and emerging approaches to IT development, and complement your systems knowledge with powerful communication skills.

Key Outcome: You will increase your proficiency in analyzing business needs and facilitating decision making among business partners in order to deliver well-designed solutions.

COURSES: Noncredit

- ▶ Analyzing Business Needs and Requirements Planning
- ▶ Facilitating Assessment, Modeling and Documentation
- ▶ Synthesizing and Gaining Alignment for Implementation

COST PER COURSE: \$1,059**FORMAT:** Evenings

CERTIFICATE IN BUSINESS DEVELOPMENT

Downtown Seattle // Starts in Autumn Quarter

Explore how to find profitable new growth opportunities. Actively engage in envisioning new business ideas. Create compelling business development plans for startup or existing businesses. Find out how to gain funding and resource commitments to make investments and drive revenue growth. Learn the tools that enable you to create business value and growth in a new business or new markets, such as market research, financial modeling and risk assessment.

Key Outcome: You will learn how to uncover, prioritize, optimize and secure funding for business development initiatives and new business ventures.

COURSES: Noncredit

- ▶ Business Development Methods
- ▶ Business Development Strategies and Planning
- ▶ Business Development Ventures

COST PER COURSE: \$1,149

FORMAT: Evenings

CERTIFICATE IN BUSINESS FOR INTERNATIONAL PROFESSIONALS

Downtown Seattle // Starts in Autumn & Spring Quarters

Gain a better understanding of trade, marketing, law and finance in the competitive global business environment. Develop superior communication and negotiation skills by improving your English and building your business vocabulary. Study strategic marketing and learn techniques that increase your competitive edge. Explore product distribution options and e-commerce opportunities.

Key Outcome: You will gain a solid understanding of the global business marketplace, improved communication skills and knowledge of competitive strategies to increase revenues.

COURSES: Noncredit

- ▶ Business for International Professionals
- ▶ Business English Internship (Optional)

COST PER COURSE: See website for details

FORMAT: Days

CERTIFICATE IN COMPUTATIONAL FINANCE

Online // Starts in Autumn Quarter

Master the key mathematical, statistical and econometric foundations needed for quantitative management of financial investments. Study classical methods of portfolio construction based on volatility as a risk measure. Learn modern theory of portfolio optimization. Explore how to balance alpha generation versus downside risk, and examine the latest risk budgeting techniques. Complement your knowledge with extensive training in open source R programming language for quantitative finance modeling and analysis.

Key Outcome: You will gain skills in quantitative investment management, portfolio optimization, managing volatility and effectively minimizing risk within return categories.

COURSES: Credit

- ▶ Investment Science
- ▶ Financial Data Modeling and Analysis in R
- ▶ Portfolio Optimization & Asset Management

COST PER COURSE: \$3,600

FORMAT: Online

CAREER INSIGHTS

ARE YOU STARTUP MATERIAL?

Startups can be seductive. Fueled by adrenaline and hope, they're about making things happen sooner rather than later. They're about executing against a vision at a pace that, while exhausting for some, is exhilarating to many.

In the world of startups, the risks often outweigh the possibility of success. The majority of startups do not make it. Still, for many entrepreneurs, the allure of becoming the next big thing remains ample motivation for diving into the deep end of this pool.



Sign Up

Read about how one of our instructors and an advisory board member have thrived in a startup culture in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

CERTIFICATE IN CONTRACT DESIGN & MANAGEMENT

Downtown Seattle // Starts in Autumn Quarter

Learn how to design and modify contracts and how to effectively manage existing contracts and contracting relationships. Explore the principles of contract management for goods and services while learning to make responsible, sustainable business decisions. Understand the legal and financial aspects of contracts. Advance your contract negotiation skills as you learn how to actively negotiate contracts from both the buyer and seller perspective.

Key Outcome: You will learn skills and strategies for developing, negotiating and managing contracts.

COURSES: Noncredit

- ▶ Contract Law and Contract Managing
- ▶ Contracting for Goods and Services
- ▶ Negotiation

COST PER COURSE: \$930

FORMAT: Evenings

CERTIFICATE IN FUNDAMENTALS OF PROJECT MANAGEMENT FOR INTERNATIONAL PROFESSIONALS

Downtown Seattle // Starts in Summer & Winter Quarters

Study the core principles of project management, and explore the role of the project manager. Examine the elements of a successful project, and study risk management, effective communication, costs, scheduling and more. Learn to effectively lead a project and apply planning tools and principles to real world examples.

Key Outcome: You will understand the essentials of project management, including how to effectively plan, lead and deliver final projects on time and within budget.

COURSES: Noncredit

- ▶ Fundamentals of Project Management for International Professionals
- ▶ Business English Internship (Optional)

COST PER COURSE: \$3,900

FORMAT: Days

CERTIFICATE IN HUMAN RESOURCES MANAGEMENT

Downtown Seattle // Starts in Autumn Quarter

Expand your knowledge of human resources fundamentals and transform your perspective from process-focused HR practitioner to business-enhancing partner. Learn to identify workplace issues, address problems quickly and approach workplace effectiveness with skill. Understand how to educate your organization about the strategic value HR professionals offer. Although this program is not a PHR prep course, you will gain a grasp of material required for the Professional in Human Resources certification exam.

Key Outcome: You will gain the knowledge and skills necessary to advance your career in human resources management or to build on your management experience to enter the HR field.

COURSES: Noncredit

- ▶ The HR Business Partner
- ▶ Employee Relations
- ▶ Training and Staff Development
- ▶ Workforce Planning
- ▶ Compensation and Reward Systems

COST PER COURSE: See website for details

FORMAT: Evenings

NEW! CERTIFICATE IN INFRASTRUCTURE FINANCE & PLANNING

Online // Starts in Summer Quarter

Study the relationship between infrastructure planning and budgeting, including political systems, economic climate and capital investment strategies. Explore business continuity and risk assessment methods, and develop crisis-management skills that organizations use to survive disasters. Understand how to use policy analysis and strategic planning to identify problems in the public realm, and devise and implement solutions to address them.

Key Outcome: You will have the skills and knowledge to implement risk-reduction strategies related to capital projects.

COURSES: Credit

- ▶ Finance in Infrastructures
- ▶ Risk Assessment and Business Continuity
- ▶ Strategic Planning & Policy Analysis

COST PER COURSE: \$1,950

FORMAT: Online



Subscribe to our monthly newsletter for industry trends, timely program and event info, career tips and more.

www.keeplearning.uw.edu

NEW! CERTIFICATE IN LEAN SIX SIGMA MANAGEMENT

UW Seattle Campus // Starts in Winter Quarter

Learn how Lean Six Sigma management tools and techniques can be used to advance business outcomes and increase operational efficiency. Master the key analytical models of Lean Six Sigma, and gain the skills needed to streamline processes, improve management and reduce waste. Understand how to successfully lead Lean Six Sigma initiatives and project teams in a variety of business and industry settings.

Key Outcome: You will develop the ability to implement Lean Six Sigma management principles that can improve business processes, reduce waste and increase efficiency.

COURSES: Noncredit

- ▶ Lean Six Sigma Foundations and Fundamentals
- ▶ Lean Six Sigma Implementation and Execution

COST PER COURSE: \$1,495

FORMAT: Evenings

NEW! CERTIFICATE IN MARKETING FOR INTERNATIONAL PROFESSIONALS

Downtown Seattle // Starts in Summer & Winter Quarters

Study basic marketing concepts, international marketing trends and best practices. Improve your ability to use English in international marketing. Discuss how culture impacts marketing. Examine strategies for entering new markets, and learn about globalization and localization. Explore how digital marketing and content marketing are used, and study methods of integrating online marketing with traditional marketing methods. Learn about the use of automation in international marketing.

Key Outcome: You will acquire knowledge in current international marketing practices and will improve your ability to use English in a marketing context.

COURSES: Noncredit

- ▶ Marketing for International Professionals
- ▶ Business English Internship (Optional)

COST PER COURSE: See website for details

FORMAT: Days

CERTIFICATE IN MARKETING MANAGEMENT

UW Seattle Campus // Starts in Autumn Quarter

Explore how to better understand market needs and how to communicate with customers in a systematic and integrated way using the Web, social media, email, direct mail, public relations and other messaging tools. Discover techniques for creating more effective promotional campaigns. Examine marketing strategies, and learn how to drive significant and sustainable sales growth.

Key Outcome: You will gain the marketing strategy knowledge and integrated marketing communication skills needed to make more effective use of marketing channels.

COURSES: Noncredit

- ▶ Strategic Marketing Management
- ▶ Integrated Marketing Communications
- ▶ Marketing Practicum

COST PER COURSE: \$966

FORMAT: Evenings

CERTIFICATE IN MOBILE BUSINESS STRATEGY

Downtown Seattle // Starts in Autumn Quarter

Learn to identify and respond to business opportunities in the mobile marketing, mobile Web and app spaces. Gain a better understanding of the mobile ecosystem and how mobile adds value to a variety of business models. Learn to strategize, plan, market and manage the implementation of a mobile website or app that serves a diverse customer base. Strengthen your knowledge of mobile platforms, payment systems, marketing, metrics and user engagement.

Key Outcome: You will acquire the skills needed to plan and implement a mobile business strategy, evaluate its success and make adjustments to ensure an optimal user experience.

COURSES: Noncredit

- ▶ Mobile Marketing
- ▶ Mobile Environment & User Engagement
- ▶ Developing Your Mobile Strategy
- ▶ Mobile Business Operations

COST PER COURSE: \$975

FORMAT: Weekends

CERTIFICATE IN PROJECT MANAGEMENT

Bellevue, Downtown Seattle or Online // Starts in Autumn, Winter & Spring Quarters

Explore project management processes and procedures. Learn how to formulate effective communication plans, manage conflict and build team rapport. Refine your skills in creating a work breakdown structure, preparing risk management reports and developing a project closure plan.

Key Outcome: You will gain the project management skills required to lead complex, sophisticated projects with cross functional teams and project plans.

COURSES: Noncredit

- ▶ Project Strategy and Planning
- ▶ Project Estimation and Execution
- ▶ Project Leadership and Communications
- ▶ Project Control: Risk, Quality, and Procurement
- ▶ Project Lifecycle Capstone

COST PER COURSE: See website for details

FORMAT: Evenings, Weekends or Online

NEW! CERTIFICATE IN QUANTITATIVE FUNDAMENTALS OF COMPUTATIONAL FINANCE

UW Seattle Campus // Starts in Summer Quarter

Learn the key mathematical, statistical and econometric foundations needed to be successful in the financial profession today. Gain core skills necessary for the quantitative management of investments, and prepare for more advanced work in current investment theory and practice. Develop a fundamental understanding of R programming through statistical and financial modeling.

Key Outcome: You will gain a thorough understanding of the fundamental financial and mathematical concepts supporting current theories of portfolio optimization and risk management.

COURSES: Credit

- ▶ Mathematical Methods for Quantitative Finance
- ▶ Probability and Statistics for Computational Finance
- ▶ Introduction to Computational Finance and Financial Econometrics

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN SOFTWARE PRODUCT MANAGEMENT

Bellevue // Starts in Autumn Quarter

Gain an in-depth understanding of the product life cycle for software, including mobile apps, consumer and enterprise IT software, and Web- and cloud-based software as a service. Explore how to define a market opportunity; propose a new product and evaluate its business value; build a financial business case; and develop software requirements. Learn how to define the target customer, establish product positioning and recommend marketing tactics.

Key Outcome: You will learn how to drive the development of successful software applications.

COURSES: Noncredit

- ▶ Software Market Dynamics: Foundations for Successful Products
- ▶ User-Centered Requirements
- ▶ Going to Market: Digital and Traditional Methods

COST PER COURSE: \$1,263

FORMAT: Evenings

THE STUDENT EXPERIENCE

“The class structure embraces collaboration and networking with fellow students, alumni and industry professionals. The best thing about this program was the opportunity to work in groups to take a product idea from market research to product launch while being mentored by experienced instructors from the industry.”

— Sudhi Gulur, Alumnus, Certificate in Software Product Management
Business Solutions Architect, The Boeing Company

CAREER INSIGHTS

TIPS FOR STARTING A BUSINESS

Know where you're going and why you're going there. Have a firm grasp on why you want to go into business for yourself. Create, revise and revisit a quality business plan in order to maintain a clear sense of direction.

Make the most of every opportunity. Be proactive and become an active member of your trade community. Join organizations, attend meetings and volunteer. Take the initiative to make connections and track trends.

Be penny wise. There are several factors that influence how robust your cash flow needs to be in the beginning. Do not fund your business with personal assets. Figure out how much money you need, cut it in half and work with it.

Keep your cool. While it takes passion to launch a business, a cool head goes a long way in keeping it running.



Read more from behind the scenes of starting a business in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.



CERTIFICATE IN STATISTICAL ANALYSIS WITH R PROGRAMMING

UW Seattle Campus or Online // Starts in Autumn Quarter

Develop your statistical and analytical skills in the R programming environment. Master statistical analyses and models, including linear regressions, multivariate analysis and non-linear models. Gain the latest skills in data mining and big data management, which will enable you to derive meaning from raw data. Acquire a thorough understanding of the R programming source environment, and use your skills in statistics and R to solve a variety of complex problems.

Key Outcome: You will have the knowledge, skills and experience in statistics and R to derive meaning from and develop actionable insight based on all types of data in a wide variety of industries.

COURSES: Noncredit

- ▶ Introduction to Statistical Analysis with R
- ▶ Data Analysis and Modeling with R
- ▶ Advanced R Programming and Graphics

COST PER COURSE: \$1,595

FORMAT: Evenings or Online

DEGREE PROGRAMS

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

UW Bothell School of Business at Eastside Leadership Center in Bellevue

FORMAT

- ▶ Part or Full Time, Days or Evenings

MASTER OF EDUCATION IN INTERCOLLEGIATE ATHLETIC LEADERSHIP

UW College of Education

FORMAT

- ▶ Full Time, Days

MASTER OF SCIENCE IN COMPUTATIONAL FINANCE & RISK MANAGEMENT

UW Department of Applied Mathematics

FORMAT

- ▶ Part or Full Time, Evenings or Online

MASTER OF SCIENCE IN STATISTICS: ADVANCED METHODS & DATA ANALYSIS

UW Department of Statistics

FORMAT

- ▶ Full Time, Days

MASTER OF SUPPLY CHAIN TRANSPORTATION & LOGISTICS

UW Department of Civil & Environmental Engineering

FORMAT

- ▶ Part Time, Online



Keep learning.
It's the Washington Way.

CONSTRUCTION, REAL ESTATE & SUSTAINABILITY



OUR ADVISORY BOARD ADVANTAGE

“ I’m also involved with brief seminars, but this certificate program takes it to the next level. You’re actually doing designs. You’re working as a team and coming up with a lot of creative ways to implement, and actually getting hands-on experience, versus just getting an overview. ”

— Matt Miller, PE , Advisory Board Member, Certificate in Green Stormwater Infrastructure Design & Management
Principal Engineer, Associated Earth Sciences

CERTIFICATE PROGRAMS

CERTIFICATE IN COMMERCIAL REAL ESTATE

Downtown Seattle // Starts in Autumn Quarter

Examine commercial real estate as an interdisciplinary field. Review trends in commercial development. Learn static and dynamic analysis skills for office, retail, industrial and multifamily residential property types. Explore property management techniques, and study the marketing and sales of existing properties. Learn about the real estate development process and review the associated legal and taxation issues.

Key Outcome: You will gain the knowledge and skills needed to work in commercial real estate.

COURSES: Noncredit

- ▶ Introduction and Static Analysis of Commercial Real Estate
- ▶ The Development Process and Project Sensitivity Analysis
- ▶ Legal and Taxation Issues and Interdisciplinary Decision-Making

COST PER COURSE: See website for details

FORMAT: Evenings

CERTIFICATE IN CONSTRUCTION MANAGEMENT

UW Seattle Campus or Online // Starts in Autumn Quarter

Master the fundamentals of construction management. Learn the principles of commercial cost estimating, including methods for developing a personal estimating manual and cost estimating techniques for the medium-sized general contractor. Explore the principles and practices for planning, scheduling and controlling construction projects. Focus on accident prevention through construction safety techniques. Analyze and debate case studies depicting actual events in construction project management.

Key Outcome: You will build the skills required to successfully manage construction projects through effective planning and oversight and the use of proactive safety procedures.

COURSES: Credit

- ▶ Construction Safety
- ▶ Construction Estimating
- ▶ Project Planning and Control
- ▶ Project Management
- ▶ Computer Applications

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN DECISION MAKING FOR CLIMATE CHANGE

Online // Starts in Autumn Quarter

Learn to understand the impact of climate change and make educated decisions about adapting to and minimizing its effects. Examine the causes and economics of climate change and explore possible responses and solutions. Analyze the financial, environmental and business aspects of minimization efforts.

Key Outcome: You will be prepared to create and implement an effective response plan to climate change issues that will reduce environmental damage and give your organization a strategic and competitive edge.

COURSES: Noncredit

- ▶ Climate Literacy
- ▶ Strategic Planning for Adaptation to Climate Change
- ▶ Framework for Strategic Leadership
- ▶ Policy Responses and Options

COST PER COURSE: \$900

FORMAT: Online

CERTIFICATE IN DIGITAL DESIGN & FABRICATION FOR ARCHITECTURE & DESIGN

UW Seattle Campus // Starts in Autumn Quarter

Discover how computer-aided design and manufacturing can enhance a design practice through greater flexibility and improved capabilities. Learn to design in a variety of digital environments. Develop skills in digital manufacturing methods such as rapid prototyping and the cutting and milling of wood, metal and plastics. Design and produce a number of projects using CAD/CAM technologies, including the creation of a building component and manufacture of its full-scale components.

Key Outcome: You will learn how to use CAD/CAM technologies, rapid prototyping methods and modeling techniques to design and produce a number of workshop projects and models.

COURSES: Credit

- ▶ Introduction to Digital Design & Fabrication Processes
- ▶ Solid Digital Modeling & Parametric Design
- ▶ Computer-Aided Design & Manufacturing

COST PER COURSE: \$1,230

FORMAT: Evenings

CERTIFICATE IN ENVIRONMENTAL LAW & REGULATION

UW Seattle Campus // Starts in Autumn Quarter

Examine the broad and complex field of environmental regulations, and gain familiarity with key laws that influence natural resource management. Improve your understanding of agencies and organizations that create, enforce, interpret and work with environmental regulations. Study a diverse set of perspectives to appreciate the regulatory context in which environmental decisions are made.

Key Outcome: You will learn to make informed decisions about the environment through a practicum project with real-world clients.

COURSES: Noncredit

- ▶ Environmental Regulation and Management
- ▶ Environmental Regulation: Laws and Institutions
- ▶ A Practicum Project in Environmental Regulation

COST PER COURSE: \$750

FORMAT: Evenings

CERTIFICATE IN FACILITY MANAGEMENT

Online // Starts in Autumn Quarter

Learn to manage, direct and lead staff in various roles. Understand how to communicate with tenants, negotiate with contractors and respond appropriately to facility emergencies. Gain expertise in working with blueprints, technical documents, computer-aided facility management software and automated facility management and computerized maintenance management systems to help you better manage projects and site monitoring. Create plans, documents and cost analyses for future development in line with strategic business objectives.

Key Outcome: You will learn techniques for strategic planning, real estate and financial planning, facility relocation, project management, team management and disaster planning.

COURSES: Credit

- ▶ Facility Life Cycle 1: Planning
- ▶ Facility Life Cycle 2: Design and Construction
- ▶ Facility Life Cycle 3: Relocation & Operational Issues

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN GREEN STORMWATER INFRASTRUCTURE DESIGN & MANAGEMENT

Downtown Seattle or Online // Starts in Winter Quarter

Acquire training in green infrastructure practices that use the natural environment to reduce pollution caused by untreated stormwater entering our waterways. Study sustainable strategies, such as low impact development and urban retrofits, that reduce stormwater runoff, combined sewer overflow and water demand. Explore the design, implementation and management of green stormwater infrastructure projects while becoming more familiar with the science and environmental regulations that have spurred on these practices.

Key Outcome: You will study the science and policy behind green stormwater infrastructure and gain skills to successfully design, implement and maintain green stormwater infrastructure projects.

COURSES: Noncredit

- ▶ Planning for Green Stormwater Infrastructure
- ▶ Green Stormwater Infrastructure Design Principles
- ▶ Implementing & Evaluating Green Stormwater Infrastructure Projects

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN HEAVY CONSTRUCTION PROJECT MANAGEMENT

Online // Starts in Winter & Spring Quarters

Explore the principles of developing cost estimates for heavy construction projects, and study different methods of procuring and completing construction jobs. Examine operations and techniques to improve productivity. Learn about temporary structures used on construction sites. Delve into legal issues, research methods and environmental regulations.

Key Outcome: You will gain the tools and skills needed to successfully manage heavy construction projects.

COURSES: Credit

- ▶ Heavy Construction Estimating
- ▶ Construction Procurement Systems
- ▶ Construction Operations and Productivity
- ▶ Temporary Structures

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN INFRASTRUCTURE CONSTRUCTION

Online // Starts in Autumn, Winter & Spring Quarters

Examine the tremendous changes in infrastructure construction, and learn about advancements in materials, processes and management. Explore substances and techniques for marine, utility and pavement construction. Develop your written presentation skills by producing research papers. Investigate the primary challenges in overseeing heavy construction projects.

Key Outcome: You will have a solid understanding of the materials, processes and management necessary for infrastructure projects.

COURSES: Credit

- ▶ Marine Construction
- ▶ Construction Materials
- ▶ Sustainable Roadway Design and Construction
- ▶ Utility System Construction

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN SUSTAINABLE TRANSPORTATION: ENVIRONMENTAL ISSUES & IMPACTS

Online // Starts in Autumn Quarter

Examine the relationship between transportation and different aspects of the environment, including energy and climate change. Understand how transportation impacts the environment, and learn about tools used to measure these impacts. Develop skills, such as life cycle assessment, that will help you understand the full range of environmental impacts associated with transportation decisions. Learn to conduct environmental evaluations using a variety of analytical skills, such as travel-demand forecasting and air- and water-quality modeling.

Key Outcome: You will explore environmental issues related to transportation and will gain the knowledge and tools to analyze and evaluate the impact of transportation on the environment.

COURSES: Credit or Noncredit

- ▶ Sustainable Transportation from a Systems Perspective
- ▶ Climate Change and Energy
- ▶ Environmental Analysis and Assessment

COST PER COURSE: See website for details

FORMAT: Online

CAREER INSIGHTS

GO FOR A GREEN JOB

Climate change, scarce resources and new laws are leading businesses to make sustainable choices, which are translating into new opportunities in a growing number of fields and industries. Green jobs require people with a variety of skills — from those with liberal arts backgrounds to specialists in scientific, political and public health fields.

Writers, public speakers, political activists and community organizers are needed to teach others how to use green practices. These individuals combine their current skills and their passion for the environment to help unite groups that have been traditional adversaries, such as the agriculture industry and environmentalists.

A healthier environment isn't the only payoff of the green business movement. Organizations can derive economic gains from sensible, environmentally sustainable choices. All types of businesses are hiring in-house sustainability experts or external consultants to help them go green.

To find out whether the grass is indeed greener on the side of sustainable business, seek out a mentor or coach who is working in the field. Go on informational interviews and volunteer. Look to universities for job postings or consider reinventing yourself by enrolling in a certificate or degree program.



Read more about pursuing an environmentally friendly career in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

**CERTIFICATE IN SUSTAINABLE TRANSPORTATION:
PLANNING & LIVABLE COMMUNITIES**

Online // Starts in Autumn Quarter

Examine the important issues involved in sustainable transportation planning. Review policies and programs that encourage mixed use development and higher density levels in order to promote modes of transportation other than the single occupancy vehicle. Study the impact different transportation options have on the environment and sustainability. Explore the movement of goods as well as various freight options and the strategies for making them more sustainable. Learn about legal and legislative issues surrounding sustainable transportation policy.

Key Outcome: You will develop a better understanding of the critical concepts and issues surrounding the planning and development of an effective sustainable transportation system.

COURSES: Credit or Noncredit

- ▶ Transportation Planning and Design
- ▶ Livable Communities and Design
- ▶ Transportation Choices and Technology

COST PER COURSE: See website for details

FORMAT: Online

**NEW! CERTIFICATE IN SUSTAINABLE TRANSPORTATION:
POLICY DEVELOPMENT, HEALTH & ECONOMICS**

Online // Starts in Autumn Quarter

Examine how economic costs and health consequences affect the viability of sustainable transportation. Understand both the health benefits and the risks of non-motorized transportation. Study policy development in the context of political and administrative issues at the local, state and federal levels. Learn about the econometric tools that transportation analysts use when evaluating options. Discuss laws that affect transportation development, and explore sustainable transportation policies in other countries.

Key Outcome: You will understand the impact of health issues, economics and finances on sustainable transportation policy development.

COURSES: Noncredit

- ▶ Health and Sustainable Transportation
- ▶ Transportation Economics
- ▶ Policy Development, Finance and Sustainable Transportation

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN WETLAND SCIENCE & MANAGEMENT

UW Seattle Campus // Starts in Autumn Quarter

Study the physical and biological characteristics of wetlands and their functions. Understand concepts of wetland functional assessment, and become familiar with different classification and sampling methodologies. Identify common wetlands by field characteristics, and gain familiarity with laws for wetlands regulation and management. Conduct fieldwork and research projects on wetland identification and delineation.

Key Outcome: You will learn to characterize a wetland and evaluate your research through completion of a practicum project at a wetland site of your choice.

COURSES: Noncredit

- ▶ Wetland Science and Ecological Processes
- ▶ Landscape Understanding of Wetland Process, Stresses & Preservation
- ▶ Wetland Law and Policy
- ▶ Restoration and Field Botany
- ▶ Identification and Delineation

COST PER COURSE: See website for details

FORMAT: Evenings

DEGREE PROGRAMS

MASTER OF INFRASTRUCTURE PLANNING & MANAGEMENT

UW Department of Urban Design & Planning

FORMAT

- ▶ Part Time, Online

MASTER OF SCIENCE IN CONSTRUCTION MANAGEMENT

UW Department of Construction Management, UW Department of Civil & Environmental Engineering

FORMAT

- ▶ Part Time, Online

MASTER OF SUSTAINABLE TRANSPORTATION

UW Department of Civil & Environmental Engineering

FORMAT

- ▶ Part Time, Online

THE STUDENT EXPERIENCE

“ Every single instructor that I worked with was willing to spend time after class or they were very, very accessible and really interested in sharing what they know of the industry. ”

— Andrea Hovey, Alumna, Certificate in Construction Management
Senior Project Manager, PSF Mechanical, Inc.

CAREER INSIGHTS

5 (UNORTHODOX) TIPS FOR CHANGING CAREERS

1. Beware the passion trap. Pursuing a passion as a career doesn't always produce the job stability and sustainable income most of us are seeking. Keep in mind that a career that gets your basic needs met can also give you the time and resources needed to pursue your passions outside the office.

Recommended Resource: *So Good They Can't Ignore You* by Cal Newport

2. Prepare to work hard. Really hard. Breaking into a new field isn't easy, especially in today's competitive market. But it's not impossible. Allow yourself time to “get smart” in your new field and build up your confidence, and you'll have a serious shot at convincing somebody to take a chance on you.

Recommended Resource: *Working Identity* by Herminia Ibarra

3. Get over yourself. Picking a new career is not all about you. It's also about the market — about what an employer will pay you to do. Factor the laws of supply and demand into your decision making, and you'll have a much higher likelihood of your career investment efforts paying off down the road.

Recommended Resource: The Trends tool on Indeed.com

4. Emphasize tools and technology. Many companies place a premium on knowing a particular tool, piece of software or information system. Pick up skills in these areas. Nothing gets the attention of would-be employers faster than being able to demonstrate your grasp of tools and technologies in the industry.

Recommended Resource: The Skills & Expertise section on LinkedIn.com

5. Get involved. Immerse yourself in relevant books on your desired profession. Follow blogs of thought leaders in your target field. Join groups where professionals in your industry congregate. These kinds of activities will help you build your network and will demonstrate your sincere interest in the field.

Recommended Resource: The Seattle Networking Guide located at www.iloveseattle.org



Read more in the Career Insights section on our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.



Keep learning.
It's the Washington Way.

EDUCATION



OUR FIRST-CLASS INSTRUCTOR ADVANTAGE

“ I hope the teachers in our programs develop fire-in-their-belly attitudes about the possibilities for high standards in the profession and for quality, cognitively demanding learning experiences for all students. And I expect that, as they leave our programs, they have the core skills and practices to accomplish their leadership goals. ”

— Chrysan Gallucci, Instructor, Certificate in Teacher Leadership
Research Associate Professor, Educational Leadership & Policy Studies, University of Washington

CERTIFICATE PROGRAMS

CERTIFICATE IN EARLY CHILDHOOD LEADERSHIP

UW Seattle Campus // Starts in Winter Quarter

Refine and strengthen your vision for early childhood education and development. Gain conceptual competencies in the field of early childhood and develop critical leadership skills that will help transform your early learning vision into action. Learn to implement powerful and effective early childhood programs in schools, governmental agencies, community centers, homes and other settings. Prepare for roles such as early childhood education director, program manager and curriculum designer.

Key Outcome: You will learn to lead powerful initiatives and implement effective, nurturing practices in the field of early childhood.

COURSES: Credit

- ▶ Foundations of Early Childhood Leadership
- ▶ Early Childhood Leadership Standards

COST PER COURSE: See website for details

FORMAT: Evenings & Weekends

CERTIFICATE IN E-LEARNING DESIGN & DEVELOPMENT

Online // Starts in Autumn Quarter

Explore approaches to e-learning, instructional designs, tools and procedures for e-learning environments. Study how to effectively assess program content and usability. Learn the best ways to launch and manage e-learning programs.

Key Outcome: You will apply best practices while designing and developing an e-learning project of your choosing.

COURSES: Noncredit

- ▶ Designing E-Learning Environments
- ▶ Developing and Managing E-Learning
- ▶ E-Learning Assessment and Evaluation
- ▶ E-Learning Practicum

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN E-LEARNING DESIGN & DEVELOPMENT: INTENSIVE

Online // Starts in Winter Quarter

This program can be completed in six months. See the Certificate in E-Learning Design & Development on this page for a program description and key outcome.

COURSES: Noncredit

- ▶ See courses above

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN INTERNATIONAL TEACHING ENGLISH AS A FOREIGN LANGUAGE

UW Seattle Campus // Starts in Summer & Winter Quarters

Prepare to teach English as a foreign language. Deepen your understanding of language acquisition theory, explore the latest research on teaching methods and learn to manage and organize your classroom and your classroom activities.

Key Outcome: You will gain the skills and knowledge needed to teach English as a foreign language.

COURSES: Noncredit

- ▶ Intl. Teaching English as a Foreign Language

COST PER COURSE: \$2,990

FORMAT: Days or Evenings

CERTIFICATE IN SCHOOL DISTRICT BUSINESS LEADERSHIP

UW Seattle Campus // Starts in Autumn Quarter

Learn the key responsibilities and functions of a school district CFO. Develop the knowledge necessary to become an effective business leader and valued member of the superintendent's administrative team. Gain the strategies and skills needed to meet the unique challenges of fiscal and resource management in public schools. Deepen your understanding of school district strategic budgeting, operational affairs and stakeholder relations.

Key Outcome: You will understand the roles, responsibilities and key business functions of a school district CFO.

COURSES: Credit or Noncredit

- ▶ School Business Officials as Systems Leaders in K–12 Organizations
- ▶ Fiscal Leadership and Resource Management in K–12 Organizations
- ▶ Developing Internal and External Relationships in K–12 Organizations

COST PER COURSE: See website for details

FORMAT: Online or Days & Weekends

CERTIFICATE IN TEACHER LEADERSHIP

UW Seattle Campus & Online // Starts in Summer Quarter

Develop your skills to coach and mentor adult learners, lead professional learning communities and facilitate inquiry-focused improvement of professional practice. Build your knowledge of assessment methods and practices, and learn how to use assessment data to make informed decisions that improve student learning. Engage in key education policy issues and explore how to apply this knowledge to advocate for equitable experiences for all students.

Key Outcome: You will be prepared to support, lead and advocate for powerful professional learning in your school or district.

COURSES: Credit

- ▶ Building Authentic Professional Community
- ▶ Situating Teacher Leadership in Today's Schools
- ▶ Coaching and Mentoring Adult Learners
- ▶ Additional courses on website

COST PER COURSE: See website for details

FORMAT: Days & Online

THE STUDENT EXPERIENCE

During my 16 years in education, I've served in a variety of teacher leader roles, and yet I never had the extensive, highly applicable learning that I had in the summer program. The intensive work allowed me to immerse myself in new ideas, research and thinking around teacher leadership. I know I've become a more effective teacher leader because of the classes.

— Jennie Beltramini, Alumna, Certificate in Teacher Leadership
Teacher, Evaluation Lead, Anacortes School District

CAREER INSIGHTS

TIPS FOR A SUCCESSFUL MENTORING RELATIONSHIP

People have long been drawing on experiential learning passed on from those who, if not older, are certainly wiser. And yet, without a formal program in place, many professionals seeking guidance on how to proceed along their career path — or perhaps select a new one — often find themselves at a loss. Establishing a great mentor relationship is possible, though. And, with the right amount of effort and commitment, it can benefit you for years to come.



Read more about how you can foster a successful mentor relationship in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

DEGREE PROGRAMS

BACHELOR OF ARTS IN EARLY CHILDHOOD & FAMILY STUDIES

UW College of Education

FORMAT

▶ Part or Full Time, Online

DOCTOR OF EDUCATION IN LEADERSHIP FOR LEARNING

UW College of Education

FORMAT

▶ Part Time, One Friday/Saturday a Month

MASTER OF EDUCATION IN EDUCATION POLICY

UW College of Education

FORMAT

▶ Full Time, Days

MASTER OF EDUCATION IN INSTRUCTIONAL LEADERSHIP

UW College of Education

FORMAT

▶ Part Time, Days (Summer Quarter Only),
Evenings & Online

MASTER OF EDUCATION: DANFORTH EDUCATIONAL LEADERSHIP PROGRAM

UW College of Education

FORMAT

▶ Full Time, Days & Weekends

MASTER OF EDUCATION: SECONDARY SPECIAL EDUCATION

UW College of Education

FORMAT

▶ Part Time, Evenings

SPECIAL PROGRAMS FOR EDUCATORS

▶ DANFORTH PRINCIPAL & PROGRAM ADMINISTRATOR CERTIFICATION

Starts in Summer Quarter

Prepare for principal and program administrator certification through a rigorous, competency-based curriculum grounded in the needs of today's schools. Practical experiences in the field and a cohort model combine to produce leaders who understand the big picture of instructional improvement — and possess the capacity to lead for it. Developed collaboratively by UW faculty and active educational leaders, Danforth offers a one-year intensive format designed for experienced educators seeking to deliver on a promise of equity.

Visit: depts.washington.edu/k12admin/danforth/

▶ DESIGNING EFFECTIVE GROUPWORK IN MATHEMATICS

Occurs in Summer

Learn the principles and practices of Complex Instruction, an effective group-based pedagogy grounded in research. You'll gain tools and strategies to ensure that all students, regardless of their ethnic, language, socioeconomic and achievement backgrounds, have equal-status participation in small groups and are held accountable for learning rigorous mathematics.

Visit: pce.uw.edu/courses/designing-effective-groupwork-mathematics.html

▶ MATHEMATICS EDUCATION PROJECT

Offered Year-Round

Let the Mathematics Education Project bring customized, research-based professional development to your district, or enroll in a workshop on the UW campus. Engage with the content and practices of the *Common Core State Standards for Mathematics*. Choose from an intensive summer format or sessions throughout the school year.

Visit: depts.washington.edu/matheduc

PACIFIC NORTHWEST INSTITUTE ON SPECIAL EDUCATION & THE LAW

Occurs in Autumn

Attend this annual two-day institute in Yakima, Washington, for a review of select legal issues that impact special education administration in public schools. You'll learn about recent legal decisions and interpretations of special education law and litigation from nationally recognized experts, and you'll be brought up to date on amendments and court cases related to IDEA.

Visit: depts.washington.edu/slawd

SCHOOL LIBRARY MEDIA ENDORSEMENT

Starts in Summer Quarter

Prepare for your K-12 library media endorsement, and learn to establish, manage and sustain a powerful, 21st-century school library, information and technology program. Find out how to select and evaluate a range of high-quality literature, media and information services that support teaching and learning as well as a strong reading culture.

Visit: pce.uw.edu/certificates/school-library-media-endorsement.html

UW IN THE HIGH SCHOOL

Starts Autumn, Winter & Spring Quarters

Teach a UW course in your high school classroom, and give your students the opportunity to earn college credit at a fraction of UW tuition. You'll learn to use UW curriculum, activities, texts and assessments in your class and will gain access to departmental support and campus resources. You can choose from courses in math, science, humanities and world languages.

Visit: outreach.washington.edu/uwhs

UW MATH DAY FOR HIGH SCHOOL STUDENTS

Occurs in Spring

Explore the exciting and rewarding world of mathematics at this one-day event designed for teachers and high school students. You can choose from a variety of sessions covering real-world applications of math, such as games, robots and mobile phones. There will also be panel discussions on the undergraduate math-student experience and on careers in mathematics.

Visit: pce.uw.edu/courses/math-day.html

UW PROGRAM IN SUPPORT OF NATIONAL BOARD CANDIDATES

Starts in Summer & Autumn Quarters

Reach your goal of National Board Certification with support from the UW. This program includes a one-day orientation, small group sessions led by National Board Certified Teachers, large group sessions where you can meet fellow certificate candidates, online modules and assessment center preparation.

Visit: education.washington.edu/professional/boardcert.html



Subscribe to our monthly newsletter for industry trends, timely program and event info, career tips and more.

www.keeplearning.uw.edu

CAREER INSIGHTS

7 INSIGHTS FOR DISCOVERING YOUR DREAM JOB

- 1. Understand what energizes you.** Think about the various things that excite you from day to day. If you're not already clear about what your passion is, spend some time exploring.
- 2. Be sure that your dream job is in fact your dream job.** Taking precautionary measures like talking to people in your target role will help you resolve any fears you may have about entering a new field.
- 3. Be open to change and serendipitous events.** When you're open to change, you increase your potential to discover a new path or see signs you weren't already aware of that could lead you to your dream job.
- 4. Create a plan and put it into action.** Once you've prepared yourself to transition careers, be diligent about following your plan to achieve your objective.
- 5. Be deliberate about your transition.** It may make more financial sense to transition gradually. Consider keeping your day job or working part time while volunteering in your target field during your free time.
- 6. Find your community.** Don't underestimate the value of working with people you enjoy. If possible, choose to work with like-minded individuals whose passions align with yours.
- 7. It's never too late to change careers.** No matter what your age, once you're clear about your passions, your dream job is within reach.



Sign Up

Learn how to find a good fit in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.



Keep learning.
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HEALTH, BIOTECHNOLOGY & SOCIAL WORK



OUR ADVISORY BOARD ADVANTAGE

“ We’ve brought together the top autism specialists in the region to guide the curriculum for this program that blends science and practical skills, so that professionals in different fields and with diverse backgrounds are assured to gain the most relevant knowledge and skills to understand and treat individuals with autism across the spectrum. ”

— Wendy Stone, Advisory Board Member, Certificate in Autism Theory & Practice
Director, University of Washington Autism Center

CERTIFICATE PROGRAMS

CERTIFICATE IN ADVANCED APPLIED BIOSTATISTICS

Online // Starts in Autumn Quarter

Gain experience applying advanced statistical methods in biological research settings. Develop your ability to interpret statistical data sets and apply them to complex epidemiological and biological problems. Learn how to use the Stata software to read data, describe data and perform advanced statistical analyses.

Key Outcome: You will be able to analyze and properly interpret the results of statistical analyses for biomedical and epidemiological purposes.

COURSES: Credit or Noncredit

- ▶ Categorical Data Analysis in Epidemiology
- ▶ Survival Data Analysis in Epidemiology:
Lecture
- ▶ Correlated Data Regression

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN APPLIED BIOSTATISTICS

Online // Starts in Autumn Quarter

Expand your understanding of how to employ statistical concepts for answering scientific questions. Learn to apply appropriate statistical methods to analyze data sets from scientific and medical literature using the Stata software. Study foundational statistical analysis tools; linear and multiple regression models; analysis of variance and covariance; analysis of categorical data; basic survival analysis methods and more.

Key Outcome: You will be able to interpret the results of statistical analyses common in biomedical research by applying a variety of statistical methods and data manipulations in statistical software.

COURSES: Credit or Noncredit

- ▶ Medical Biometry I, II & III

COST PER COURSE: See website for details

FORMAT: Online

NEW! CERTIFICATE IN AUTISM THEORY & PRACTICE

UW Seattle Campus // Starts in Autumn Quarter

Gain in-depth knowledge of autism spectrum disorders from both a scientific and a practical perspective. Understand how cutting-edge scientific findings inform best practices in treatment and education. Study the relationship between genetic and environmental factors and the development of autism. Explore the abnormalities of brain development and behavioral characteristics. Learn how to augment learning and improve outcomes for individuals with autism by studying the latest research on interventions.

Key Outcome: You will develop a comprehensive understanding of autism spectrum disorders and interventions to improve outcomes when working with individuals with autism.

COURSES: Credit or Noncredit

- ▶ Understanding Autism
- ▶ Autism Treatment and Intervention
- ▶ Current Issues in Autism

COST PER COURSE: See website for details

FORMAT: Evenings

CERTIFICATE IN BASIC BIOSCIENCE

Downtown Seattle & Online // Starts in Winter Quarter

Investigate the core disciplines involved in drug design, discovery and development. Examine the fundamental molecular processes in organisms and the molecular structure-function relationship. Learn how the pharmaceutical industry is structured and how a new drug is developed and brought to market. Understand the biostatistical concepts necessary for the interpretation, evaluation and communication of biomedical research.

Key Outcome: You will have a fundamental understanding of effective drug development.

COURSES: Credit

- ▶ Molecular and Cellular Biology I
- ▶ Molecular and Cellular Biology II
- ▶ General Pharmaceutics I
- ▶ General Pharmaceutics II
- ▶ Statistics and Experimental Design

COST PER COURSE: See website for details

FORMAT: Evenings & Online

NEW! CERTIFICATE IN BEHAVIORAL HEALTH & AGING

Downtown Seattle // Starts in Autumn Quarter

Gain in-depth knowledge of behavioral health issues associated with normal and pathological aging. Learn methods used in the diagnosis and treatment of chronic and serious mental illness in older adults. Increase your understanding of dementia and other cognitive impairments. Enhance your ability to support clients and their families by studying topics such as grief and loss, Medicare and Medicaid, guardianship, aging in place and palliative care.

Key Outcome: You will expand your knowledge of the medical and sociological issues facing older adults and strengthen your ability to support clients and their families.

COURSES: Noncredit

- ▶ Aging and Mental Health Issues: Diagnosing and Treatment
- ▶ Cognitive Impairment and the Dementias
- ▶ Geriatric Systems of Care

COST PER COURSE: \$875

FORMAT: Days

CAREER INSIGHTS

APPLYING FOR ADMISSION TO A CERTIFICATE PROGRAM: THE LETTER OF APPLICATION

As part of the application process for a certificate program, you need to write a short letter that describes your relevant work and volunteer experience, as well as your transferable skills, knowledge of the field and commitment to professional growth. The tricky part? This letter should be no more than 250 words.

Since 250 words isn't much, it's important to be concise in summarizing your past experience and future goals. Think about why you want to enroll in the program. A clear understanding of your own motivations will help you better articulate your background as well as what you hope to take away from the program.

Our selection committees review these letters to determine whether the program is a good fit for the applicant. While they want to make certain that you're qualified for a particular program, they also want to ensure that the program is right for you. A mutual fit helps to foster the unique, dynamic classroom environments that are so fundamental to our certificate programs.

So think of the letter of application as you would a cover letter for a job. Tout your qualifications in a way that will convince the reviewer that you're just the right fit. Describe how your experience, in combination with your skills, makes you uniquely qualified for the program. If the program is geared toward career change, you may not need experience in the field. In this case, it's especially important to demonstrate a solid understanding of the area of study. Finally, tell us how the certificate program will help you reach your professional or personal aspirations.

Some programs require an additional, specific element to the letter of application, so be sure to carefully read the entire How to Apply section of the Apply Now page for your program of interest on our website. And, if you have any questions, feel free to give us a call.

CERTIFICATE IN BIOMEDICAL REGULATORY AFFAIRS

UW Seattle Campus // Starts in Autumn Quarter

Understand the role of a medical products regulatory affairs specialist and the dynamic nature of the regulatory field. Study the regulatory jurisdiction of the U.S. Food and Drug Administration. Learn the laws and regulations that apply to the development, testing and production of medical products, including biologics, drugs, biotechnology-derived therapeutics, vaccines and medical devices. Explore post-market issues and requirements such as inspections, reporting and enforcement.

Key Outcome: You will know how to prepare the documentation and execute the processes necessary for FDA filings leading to the approval of pharmaceutical agents or medical devices.

COURSES: Credit or Noncredit

- ▶ Intro to Biomedical Regulatory Affairs
- ▶ Product Development and Manufacturing Systems
- ▶ Product Testing, Evaluation and Post-Market Issues

COST PER COURSE: See website for details

FORMAT: Evenings

CERTIFICATE IN BIOSENSORS & BIOMATERIALS

Online // Starts in Autumn Quarter

Explore the chemical and molecular interactions underlying the prevalent use of biomaterials in medical devices and biotechnology. Study biosensors, in use and under development, for measuring and tracking the complex biological components that provide a foundation of modern health care. Learn how to design materials that can mimic biological tissues, be implanted for long periods of time or be engineered to deliver drugs to specific areas of the body.

Key Outcome: You will know how sensors can be designed and how to apply them in medicine and biology.

COURSES: Credit

- ▶ Medical Chemistry
- ▶ Biosensors
- ▶ Biomaterials and Biocompatibility

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN BIOTECHNOLOGY PROJECT MANAGEMENT

Online // Starts in Autumn & Spring Quarters

Master the fundamental skills of biotech project management. Explore in detail the factors that are critical to the initiation, planning, execution and regulatory processes of biotech and pharmaceutical development. Understand the unique challenges of product development in a highly regulated environment.

Key Outcome: You will develop the skills to effectively manage a project through all phases of biotech and drug development.

COURSES: Noncredit

- ▶ Project Management Standards and Processes
- ▶ Additional courses on website

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN CLINICAL TRIALS

UW Seattle Campus // Starts in Autumn Quarter

Become versed in the major concepts guiding the design and implementation of clinical trials, and learn to manage the numerous people and tasks involved at all stages of the process. Study the fundamental scientific, ethical, practical, regulatory, historical and economic principles that support successful clinical trials. Gain an understanding of the ethics involved in clinical trials, including the protection of human subjects and data integrity.

Key Outcome: You will be able to apply principles of good clinical trial design and management to the design and conduct of clinical trials in a variety of settings.

COURSES: Credit or Noncredit

- ▶ Introduction to Clinical Trials
- ▶ Implementation and Conduct of Clinical Trials
- ▶ Project Management and the Business of Clinical Trials

COST PER COURSE: See website for details

FORMAT: Evenings

CERTIFICATE IN DRUG DISCOVERY & DESIGN

Downtown Seattle & UW Seattle Campus // Starts in Autumn Quarter

Explore the principles and approaches guiding the search for new drugs. Investigate techniques that are used to identify, select and validate molecular and biological drug targets. Examine different classes of drug compounds as well as their mechanisms of action and physical properties. Understand how the dynamic fields of systems biology and bioinformatics impact drug discovery research.

Key Outcome: You will learn how the pharmaceutical industry develops, tests and evaluates new drugs, making you a more effective collaborator in the biotechnology and pharmaceutical workplace.

COURSES: Credit

- ▶ Molecular Biotechnology
- ▶ Drug Discovery and Design
- ▶ Molecular Targets and Drug Classes
- ▶ Systems Biology and Bioinformatics

COST PER COURSE: See website for details

FORMAT: Evenings

CERTIFICATE IN FOOD, NUTRITION & HEALTH

Online // Starts in Autumn Quarter

Learn how food behaves in our body and how it affects our development, longevity and quality of life. Develop a foundation in the nutritional sciences and be able to interpret the evolving nutritional claims and recommendations made by various sources. Understand the scientific principles behind modern culinary techniques, food chemistry and nutritional supplements. Examine the essentials of human nutrition that improve and sustain optimal performance for sport and exercise.

Key Outcome: You will gain a fundamental understanding of food and nutrition and how these impact personal health.

COURSES: Credit

- ▶ Nutrition for Today
- ▶ Molecular Gastronomy
- ▶ Sports Nutrition

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN GERONTOLOGY

Online // Starts in Summer Quarter

Gain a framework to better understand the rapidly growing population of older adults. Examine aging from multiple perspectives: the individual, family and society. Develop knowledge that will help you better serve older adults in a variety of contexts, such as housing, recreation, personal care, and health and wellness.

Key Outcome: You will develop the knowledge and skills to help and care for older adults.

COURSES: Credit or Noncredit

- ▶ Biological Aspects of Aging
- ▶ Social and Cultural Aspects of Aging
- ▶ Psychology of Aging
- ▶ Current Issues in Aging

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN HEALTH ECONOMICS & OUTCOMES RESEARCH

Online // Starts in Autumn Quarter

Learn how to apply the principles of health economics to improve decision making in a complex health care environment. Understand health care markets and systems throughout the world. Evaluate the effectiveness of medical treatments, interventions and technologies through outcomes research. Identify the value behind health care practices and policies. Gain experience with decision modeling, micro-simulation and assessment of uncertainty. Learn the principles and practices of health technology assessment.

Key Outcome: You will be able to use economic assessments for improving health care decisions that affect patients, providers, industry sectors and government agencies.

COURSES: Noncredit

- ▶ Principles of Health Economics
- ▶ Economic Evaluation in Health and Medicine
- ▶ Practice of Health Technology Assessment in a Global Env.

COST PER COURSE: \$1,975

FORMAT: Online

CERTIFICATE IN HEALTH INFORMATICS & HEALTH INFORMATION MANAGEMENT

UW Seattle Campus // Starts in Summer Quarter

Study the use of technology in the secure collection and maintenance of personal health data. Improve the delivery of health care with the latest methods and technologies for the collection, organization, use and evaluation of health care information. Understand legal, regulatory and compliance issues, and study finance management. Develop health care management and leadership skills. Learn about quality assurance and research methods within health care settings.

Key Outcome: You will have the specialized skills to effectively manage health information and electronic health records in health care settings.

COURSES: Credit or Noncredit

- ▶ Foundations for Healthcare Vocabularies
- ▶ Disease Concepts for Managers
- ▶ Organizational Theory in Health Facilities & Healthcare Delivery
- ▶ Additional courses on website

COST PER COURSE: See website for details

FORMAT: Days & Evenings

CERTIFICATE IN HEALTHCARE REGULATORY COMPLIANCE

Downtown Seattle // Starts in Autumn Quarter

Gain an overview of pertinent health care codes of conduct, ethics, laws and national issues in a variety of health care settings, particularly physician clinics, hospitals and long-term care settings. Study recent health care reform legislation that requires most health care providers or suppliers who receive Medicare or Medicaid reimbursement to develop compliance programs. Learn how to develop effective compliance programs, including effective auditing and monitoring.

Key Outcome: You will acquire the critical knowledge and resources to understand and apply current compliance regulations in a health care setting.

COURSES: Noncredit

- ▶ Foundations of Ethics and Compliance in Healthcare
- ▶ Managing Financial Relationship and Incentives in Health Care
- ▶ Establishing & Maintaining Effective Compliance & Ethics Programs

COST PER COURSE: \$934

FORMAT: Weekends & Online

CERTIFICATE IN INFANT MENTAL HEALTH

UW Seattle Campus // Starts in Autumn Quarter

Develop specialty skills and knowledge in clinical, consultative and leadership services in the interdisciplinary field of infant mental health. Learn to apply attachment theory and child development concepts in relationship-based services to families, in infant mental health consultation and in reflective practice. Improve your understanding of factors contributing to risk and resilience in children aged 3 and under.

Key Outcome: You will learn how to incorporate principles from infant and early childhood mental health into your daily practice settings.

COURSES: Credit

- ▶ Using Infant Mental Health Approaches in Practice Settings
- ▶ Infant Development and Psychopathology
- ▶ Additional courses on website

COST PER COURSE: See website for details

FORMAT: Online

NEW! CERTIFICATE IN INFORMATICS & HEALTH INFORMATION ADVOCACY

Bellevue // Starts in Autumn Quarter

Expand your understanding of enterprise systems, electronic health record systems and the strategies that optimize health information acquisition and use. Investigate key factors involved in the planning, implementation and ongoing management of EHR business processes. Study legal and ethical issues impacting the oversight and management of health data and health information systems. Examine laws and regulations governing confidentiality, privacy and security of health information.

Key Outcome: You will be equipped to advance electronic health record systems and policies that achieve business goals and meet the standards of accrediting and regulatory agencies.

COURSES: Credit

- ▶ Enterprise Systems and Electronic Health Records
- ▶ Law, Policy and Ethics in Health Information and Healthcare
- ▶ Confidentiality, Privacy and Security in Electronic Health

COST PER COURSE: See website for details

FORMAT: Days

CERTIFICATE IN MEDICAL DEVICES & COMMERCIALIZATION

Bellevue // Starts in Autumn Quarter

Learn to develop safe and effective medical devices. Study how government oversight, U.S. and international laws, clinical strategies, quality assurance and regulations influence and control the creation and production of medical devices. Gain practical tools and learn strategic methods for successfully commercializing new products. Understand patents, copyrights, U.S. and international laws and regulatory and clinical strategies, including quality assurance and inspection.

Key Outcome: You will know the complete process for developing safe medical devices and bringing them to market.

COURSES: Noncredit

- ▶ Medical Device Design
- ▶ Regulatory Affairs for the Medical Device Industry
- ▶ Medical Device Commercialization

COST PER COURSE: See website for details

FORMAT: Online

CERTIFICATE IN MEDICAL MANAGEMENT

UW Seattle Campus // Starts in Autumn Quarter

Become versed in strategies for leadership, employee oversight and change management. Study techniques for measuring quality and efficient medical and management practices. Understand long-term strategy and market positioning for health care organizations, and learn key financial tools and concepts needed to manage effective health care organizations.

Key Outcome: You will gain the expertise needed to lead successful health care organizations including expertise in program planning, marketing and financial strategies, efficiency techniques and leadership skills.

COURSES: Credit

- ▶ Medical Practice Quality Measurement and Management
- ▶ Strategic Management of Health Care Organizations
- ▶ Leadership and Change Management
- ▶ Health Services Financial Management

COST PER COURSE: See website for details

FORMAT: Evenings

THE STUDENT EXPERIENCE

“After I finished the program, I was so impressed with the leadership quality and strategic skills I had learned that I went on for further training and later became the chief medical officer of the University of Washington Medical Center.”

— Edward Walker, Alumnus & Instructor, Certificate in Medical Management
Director, UW Healthcare Leadership Development Alliance

DEGREE PROGRAMS

BACHELOR OF SCIENCE IN HEALTH INFORMATICS & HEALTH INFORMATION MANAGEMENT

UW School of Public Health, Department of Health Services

FORMAT

▶ Part or Full Time, Evenings

BACHELOR OF SCIENCE IN NURSING: ACCELERATED

UW School of Nursing

FORMAT

▶ Full Time, Days

BACHELOR OF SCIENCE IN SPEECH & HEARING SCIENCES

UW Department of Speech & Hearing Sciences

FORMAT

▶ Full Time, Days

DOCTOR OF AUDIOLOGY

UW Department of Speech & Hearing Sciences

FORMAT

▶ Full Time, Days

DOCTOR OF NURSING PRACTICE

UW School of Nursing

FORMAT

▶ Full Time, Days

DOCTOR OF PHYSICAL THERAPY

UW Department of Rehabilitation Medicine

FORMAT

▶ Full Time, Days

EXECUTIVE MASTER OF HEALTH ADMINISTRATION

UW School of Public Health, Department of Health Services

FORMAT

▶ Part Time, Weekends & Online

EXECUTIVE MASTER OF PUBLIC HEALTH

UW School of Public Health, Department of Health Services

FORMAT

▶ Part Time, Weekends & Online

MASTER OF HEALTH ADMINISTRATION

UW School of Public Health, Department of Health Services

FORMAT

▶ Full Time, Days

MASTER OF HEALTH INFORMATICS & HEALTH INFORMATION MANAGEMENT

UW School of Public Health, Department of Health Services

FORMAT

▶ Part Time, One Weekend a Month

MASTER OF PHARMACEUTICAL BIOENGINEERING

UW Department of Bioengineering

FORMAT

▶ Part Time, Evenings

MASTER OF PUBLIC HEALTH IN COMMUNITY-ORIENTED PUBLIC HEALTH PRACTICE

UW School of Public Health, Department of Health Services

FORMAT

▶ Full Time, Days

MASTER OF SCIENCE IN BIOMEDICAL REGULATORY AFFAIRS

UW School of Pharmacy

FORMAT

▶ Part Time, Evenings

MASTER OF SCIENCE IN CLINICAL INFORMATICS & PATIENT-CENTERED TECHNOLOGIES

UW School of Nursing and UW School of Medicine

FORMAT

▶ Part Time, Online

MASTER OF SCIENCE IN MEDICAL SPEECH-LANGUAGE PATHOLOGY

UW Department of Speech & Hearing Sciences

FORMAT

▶ Full Time, Days

MASTER OF SOCIAL WORK

UW School of Social Work

FORMAT

▶ Part Time, Evenings or Weekends

CAREER INSIGHTS

10 INSIGHTS FOR GOING TO GRAD SCHOOL AS A WORKING PROFESSIONAL

1. **Do your research.** Dig deeper than a grad school's website before making a commitment. Talk to program faculty, advisers, current students and alumni to find out which program offers the financial aid, schedule, learning environment and career opportunities you want.
2. **Focus on fit.** Consider programs that will fit your educational goals and your lifestyle needs. There are many part-time programs attuned to the needs of working professionals. These often look for candidates with work experience and are usually more flexible.
3. **Plan ahead.** Put together a calendar marking the key milestones you will need to hit in your application process.
4. **Prepare a compelling application package.** Ensure that your application materials demonstrate that you grasp the scope of the program. Highlight how the program will benefit you, as well as how you will be a good fit with faculty and within the concentration.
5. **Make going back to school a win-win situation.** Look into education benefits that your employer may offer, and talk with your manager about how you could use your studies to add value at work. Speak with your instructors about how you can use coursework to address your employer's needs.
6. **Maintain a support system.** Keep key people in your life informed about your busy schedule. Work hard to maintain these relationships during this hectic period.
7. **Plan your time wisely.** Figure out how much time you'll need to block out for your new priorities of attending class, studying and completing assignments.
8. **Teach yourself new tricks.** Be willing to change old habits and explore new learning methods.
9. **Get tech savvy.** Access course materials electronically and find the technology that's right for your needs — from taking notes to keeping track of assignments.
10. **Schedule reality checks and rewards.** Keep your eye on the prize when things get tough. Set goals and celebrate achievements.



Learn about going to grad school as a working professional in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.



Keep learning.
It's the Washington Way.

PUBLIC ADMINISTRATION, NONPROFIT & LAW



OUR FIRST-CLASS INSTRUCTOR ADVANTAGE

“ I love it when students find excitement in the really deep emotional part of fundraising. They come into the class thinking it’s about tactics, and they leave realizing it’s about hearts, souls and shared values. Experiencing that transformation is a pretty fun place to be for an instructor. ”

— Susan Howlett, Instructor, Certificate in Fundraising Management
Fundraising Consultant

CERTIFICATE PROGRAMS

CERTIFICATE IN FUNDRAISING MANAGEMENT

UW Seattle Campus // Starts in Autumn Quarter

Gain the ability to implement standard and emerging fundraising and relationship-building tools that will enhance your organization’s potential. Understand the processes, vocabulary and ethics of the fundraising profession, and approach organizational interactions from a donor perspective. Become familiar with grant finding techniques, and learn to identify prospects. Learn the art of the ask and how to fundraise in today’s economy.

Key Outcome: You will learn tools and skills that will enhance your fundraising, grant writing and relationship building capabilities.

COURSES: Noncredit

- ▶ Fund Development Fundamentals
- ▶ The Practice of Fundraising: Lessons from the Field
- ▶ Finance, Prospect Research and Grant Writing
- ▶ Practicum

COST PER COURSE: See website for details

FORMAT: Evenings

CERTIFICATE IN GUARDIANSHIP

Bellevue & Online // Starts in Autumn Quarter

Gain the skills necessary to become a certified professional guardian of developmentally disabled adults, elderly individuals with diminished capacity or acquired disabilities, and other adults declared incapacitated by Washington courts. Learn the fundamental tasks and responsibilities of the professional guardian. Understand the rights of incapacitated adults and the laws governing the guardian profession. Develop strategies for communicating effectively with clients and stakeholders.

Key Outcome: You will learn the duties of a professional guardian for an incapacitated person and fulfill the educational requirement for becoming a CPG in Washington state.

COURSES: Noncredit

- ▶ Guardianship Law, Concepts and Practice
- ▶ Roles and Duties of Guardians
- ▶ Complex Issues in Guardianship

COST PER COURSE: \$999

FORMAT: Weekends & Online

CERTIFICATE IN MUSEUM STUDIES

UW Seattle Campus // Starts in Autumn Quarter

Examine the history, philosophy and objectives of a wide range of cultural institutions, including traditional museums, science centers, historical societies, zoos and botanical gardens. Learn how to develop collections and exhibits that attract and engage visitors. Explore the roles of curator, conservator, director, collection manager, registrar and educator. Gain an understanding of community and donor engagement, administration and the specific legal requirements for museums.

Key Outcome: You will gain knowledge and skills in museum administration, education, collections and exhibits to help you pursue or advance a career in the museum sector.

COURSES: Noncredit

- ▶ Educational Programming in a Museum
- ▶ Introduction to Museum Theory & Practice
- ▶ Exhibit Design and Planning
- ▶ Collection Management and Care
- ▶ Engaging Community and Building Audience
- ▶ Practicum

COST PER COURSE: \$525

FORMAT: Weekends

CERTIFICATE IN NONPROFIT MANAGEMENT

UW Bothell, Downtown Seattle or UW Seattle Campus // Starts in Autumn & Winter Quarters

Develop the leadership skills necessary to become a successful nonprofit manager. Learn how to manage people, build effective programs and maintain a healthy and efficient organization. Explore the essentials of fundraising, communication and financial management. Study how to develop communication plans and public relations strategies. Gain insight into the nonprofit's relationship with the external community of supporters, funders and policy makers.

Key Outcome: You will gain knowledge and skills that will enable you to pursue or advance a career in the nonprofit sector.

COURSES: Noncredit

- ▶ Management Essentials for Nonprofits
- ▶ Leadership & Strategy for Nonprofits
- ▶ Fundraising & Communications for Nonprofits

COST PER COURSE: \$825

FORMAT: Evenings or Weekends

CERTIFICATE IN PARALEGAL STUDIES

UW Seattle Campus or Online // Starts in Autumn & Winter Quarters

Gain an understanding of the U.S. legal system, including court systems, hearings, trials and laws. Examine legal theory and reasoning. Learn about the role of the paralegal and gain practical skills, such as litigation support.

Key Outcome: You will gain a solid understanding of the U.S. legal system and the key skills essential to enter or advance in the paralegal field.

COURSES: Noncredit

- ▶ Legal Research and Writing
- ▶ Fundamentals of Legal Practice
- ▶ Litigation Basics
- ▶ Litigation Specialties
- ▶ Complex Litigation
- ▶ Business Law

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN PRIVATE INVESTIGATION

Downtown Seattle // Starts in Autumn Quarter

Expand your legal and professional skills to enter or advance a career in the private investigation field. Learn about courts and the legal system, practices of civil- and criminal-case investigation and preparation and specific types of investigation.

Key Outcome: You will be prepared to do investigative work for private investigation agencies, law firms, insurance companies and the government.

COURSES: Noncredit

- ▶ Private Investigation and the Law
- ▶ Criminal Investigation and Investigative Techniques
- ▶ Civil Investigation and the Business of Investigation

COST PER COURSE: \$807

FORMAT: Evenings

DEGREE PROGRAMS

EXECUTIVE MASTER OF PUBLIC ADMINISTRATION

UW Evans School of Public Affairs

FORMAT

- ▶ Part Time, Weekends

MASTER OF ARTS IN MUSEOLOGY

UW Graduate School

FORMAT

- ▶ Full Time, Days

THE STUDENT EXPERIENCE

“ The program gives you the opportunity to really get connected to the local museum world. The necessary networking opportunities that any new museum professional needs are essentially built into the program. I also really enjoyed getting to know my fellow students. The collective knowledge and experience was incredible. ”

— Angela Hudson, Alumna, Certificate in Museum Studies

Communications Coordinator, Arts Education, Arts Impact, Puget Sound Educational Service District

CAREER INSIGHTS

7 TIPS FOR PUTTING YOUR BEST RESUME FORWARD

1. **Recent grad? Learn how to bolster your resume.** Try mixing in your past volunteer work, advanced computer skills and relevant coursework.
2. **Don't necessarily keep it to one page.** If new to the job market, keep your resume under one page. Otherwise, a resume can certainly exceed one page. Your work history should date back no more than 15 years, less than that if possible.
3. **Explain extended gaps in your employment history.** Use your cover letter to explain the circumstances of large gaps in your employment history.
4. **Don't hide that advanced degree.** Don't worry about scaring off potential employers with your second degree when applying to entry-level jobs. Include all your credentials in your resume and find a company that values your hard work.
5. **You're never too old.** Most employers care less about your age and more about your abilities. If your skills are current, you're in great shape.
6. **Stand out in your online application.** Tailor your resume to a specific job opening, and avoid applying to the same employer over and over — even if your abilities translate well to multiple positions.
7. **Show them you're a good fit.** Use every tool at your disposal to learn about the company you've set your sights on. By doing your homework, you'll be able to spot commonalities that you can draw on to make your resume stand out.



Read more about what job recruiters have to say in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

5 REASONS TO ENROLL IN A UW CERTIFICATE OR DEGREE

- ▶ You gain in-depth knowledge that opens possibilities and helps you reach your goals.
- ▶ You can keep your day job, have a life and still keep learning.
- ▶ You broaden your professional network.
- ▶ You complete relevant projects and earn a respected UW credential.
- ▶ You experience the advantages of the UW and learn from industry leaders.



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TECHNOLOGY, SCIENCE, ENGINEERING & MATH



OUR ADVISORY BOARD ADVANTAGE

“ All the courses are written by people in the industry who are up to their eyeballs in the actual technology behind the scenes, so you have the benefit of knowing that the people who are in the business put the course together. You know it’s relevant. ”

— Mike Culver, Advisory Board Member, Certificate in Cloud Application Development on Amazon Web Services
Senior Consultant, Amazon Web Services

CERTIFICATE PROGRAMS

CERTIFICATE IN .NET ADVANCED WEB DEVELOPMENT

Bellevue or Online // Starts in Autumn Quarter

Study the vital technologies that power successful websites. Learn to create sophisticated, dynamic Web applications and services. Explore development and Web database integration using Microsoft’s .NET platform. Gain experience with tasks, tools and methodologies for application development. Learn how to develop Web services that ensure secure communications and transactions.

Key Outcome: You will learn to create sophisticated, dynamic Web applications using the .NET platform with C#, SQL Server, ADO.NET, ASP.NET and XML.

COURSES: Noncredit

- ▶ High Performance Data Integration with SQL Server
- ▶ Designing and Developing Web-Based Solutions with ASP.NET
- ▶ Web Services and Security Implementation

COST PER COURSE: \$925

FORMAT: Evenings or Online

CERTIFICATE IN .NET DEVELOPMENT

Bellevue, Downtown Seattle or Online // Starts in Autumn, Winter & Spring Quarters

Explore the tools necessary to develop Microsoft Windows console and Windows Presentation Foundation applications in C# using the Microsoft .NET framework. Examine how object-oriented programming, multithreading and class libraries can improve application performance and design. Gain a foundation in the skills and knowledge required to build a career in advanced Web application development using ASP.NET.

Key Outcome: You will learn to design and build robust, data-driven Windows console and Windows Presentation Foundation applications in C# using the Microsoft .NET framework.

COURSES: Noncredit

- ▶ Introduction to Windows Applications in C#
- ▶ Intermediate Windows Applications in C#
- ▶ Advanced Language Constructs

COST PER COURSE: \$899

FORMAT: Evenings or Online

CERTIFICATE IN AGILE DEVELOPMENT

Bellevue // Starts in Autumn Quarter

Examine the principles of Agile software development that will yield faster release cycles, higher quality, better teamwork and the ability to adapt to changing circumstances. Focus on increasing daily cooperation between developers and businesses with rapid, continual delivery of practical software. Develop Agile engineering skills and become a Certified ScrumMaster and Certified Scrum Product Owner.

Key Outcome: You will learn to deliver precise, adaptable and useful software through collaborative teams using the Agile approach.

COURSES: Noncredit

- ▶ Applied Agile Management: Certified ScrumMaster and Product Owner
- ▶ Applied Agile Development and Execution

COST PER COURSE: \$1,199

FORMAT: Evenings

CERTIFICATE IN ANDROID APPLICATION DEVELOPMENT

Bellevue, Downtown Seattle or Online // Starts in Autumn & Winter Quarters

Become an Android application developer. Learn about the various stages of development on the Android platform and study topics related to user interface, application services, permissions and security, graphics and video resources, data persistence, monitoring tools, mobile app marketing, application hosting and more. Obtain core Java development skills while you explore key concepts for building rich applications using advanced features.

Key Outcome: You will acquire the advanced development skills needed to release your own high-quality app to the Android marketplace.

COURSES: Noncredit

- ▶ Android Development Fundamentals
- ▶ Android Interface Development
- ▶ Interaction & Communication with Android
- ▶ Application Deployment, Marketing & Entrepreneurship

COST PER COURSE: \$999

FORMAT: Evenings or Online

CERTIFICATE IN BUSINESS INTELLIGENCE: TECHNIQUES FOR DECISION-MAKING

Bellevue or Downtown Seattle // Starts in Autumn Quarter

Understand how to translate and manage mass-information for businesses and drive effective strategic decisions. Build mining models, perform what-if analyses and simplify data into practical visual presentations. Learn techniques to consolidate and aggregate data on customers, transactions and demographics.

Key Outcome: You will be prepared to help organizations analyze and interpret large-scale data in order to develop informed business strategies.

COURSES: Noncredit

- ▶ Data Analysis
- ▶ Data Visualization
- ▶ Data Mining

COST PER COURSE: \$950

FORMAT: Evenings & Weekends

CERTIFICATE IN BUSINESS INTELLIGENCE: BUILDING THE DATA WAREHOUSE

Downtown Seattle // Starts in Autumn Quarter

Learn to transform raw data into business assets by synthesizing massive amounts of information in the forms of databases, spreadsheets, text-based documents and various internal and external communications. Improve organizational use, sharing and storage of information by planning and implementing a data warehouse project. Develop robust data and technical architecture to meet business goals.

Key Outcome: You will develop the conceptual understanding and technical expertise to design and build a mid-sized business intelligence project.

COURSES: Noncredit

- ▶ BI Concepts, Planning and Implementation
- ▶ Planning, Designing and Implementation of ETL Solutions
- ▶ Implementing OLAP Cubes and Reporting Solutions

COST PER COURSE: \$950

FORMAT: Evenings

CERTIFICATE IN C++ PROGRAMMING

Bellevue or Online // Starts in Autumn & Winter Quarters

Study the C++ language through a hands-on learning approach. Understand and apply object-oriented modeling and design principles to develop robust medium- or large-scale software systems. Build your knowledge base of programming concepts by learning new ones and exploring existing ones in depth. Learn and practice good software design, and test methodologies using C++ as the implementation language.

Key Outcome: You will gain an advanced understanding of software design using the C++ language and will be able to develop and test programs of moderate and large size.

COURSES: Noncredit

- ▶ C++ Programming: Introduction
- ▶ C++ Programming: Intermediate
- ▶ C++ Programming: Advanced

COST PER COURSE: \$845

FORMAT: Evenings or Online



Subscribe to our monthly newsletter for industry trends, timely program and event info, career tips and more.

www.keeplearning.uw.edu

NEW! CERTIFICATE IN CLOUD APPLICATION DEVELOPMENT ON AMAZON WEB SERVICES

Downtown Seattle or Online // Starts in Autumn Quarter

Explore all that Amazon Web Services has to offer for cloud application development, and gain insight into the various factors behind the rapid growth and adoption of this platform. Investigate the underlying enabling technologies of AWS. Study the principles of automation and data security in the cloud. Learn how to build a scalable cloud service, design always-available applications and plan a cloud migration strategy for a set of typical application scenarios.

Key Outcome: You will gain a comprehensive understanding of cloud computing and AWS and will learn how to effectively utilize AWS to develop and manage applications.

COURSES: Noncredit

- ▶ Cloud Architecture for AWS
- ▶ Application Development in the Cloud on AWS
- ▶ Systems Operations for AWS

COST PER COURSE: \$999

FORMAT: Evenings or Online

NEW! CERTIFICATE IN CLOUD DATA MANAGEMENT & ANALYTICS

Bellevue or Online // Starts in Winter Quarter

Develop a thorough knowledge of cloud storage and its major features and functions. Compare and contrast cloud storage, database and big data solutions on Amazon, Google and Microsoft cloud services. Learn about the key aspects of data security, synchronization and protection. Gain an understanding of technical concepts including data models, cloud architecture, scalable analytics administration, data visualization, multi-vendor solutions, relational query processing and working with unstructured data.

Key Outcome: You will acquire an understanding of cloud computing focusing on storage and analytics and learn to use major cloud services to manage and analyze data.

COURSES: Noncredit

- ▶ Cloud Services for Storage
- ▶ Cloud-Hosted Databases
- ▶ Supporting Scalable Analytics in the Cloud

COST PER COURSE: \$999

FORMAT: Evenings or Online

CERTIFICATE IN DATA SCIENCE

Bellevue, Downtown Seattle or Online // Starts in Autumn & Winter Quarters

Develop the computer science, mathematics and analytical skills needed to enter the field of data science. Use data science techniques to analyze and extract meaning from extremely large data sets, or big data. Become familiar with relational and non-relational databases. Apply statistics, machine learning, text retrieval and natural language processing to analyze data and interpret results. Learn to apply data science in fields such as marketing, business intelligence, scientific research and more.

Key Outcome: You will be equipped with the fundamental tools, techniques and practical experience to acquire valuable insights from data sets at any scale — from gigabytes to petabytes.

COURSES: Noncredit

- ▶ Introduction to Data Science
- ▶ Methods for Data Analysis
- ▶ Deriving Knowledge from Data at Scale

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CAREER INSIGHTS

BREAKING INTO SEATTLE'S ONLINE AND MOBILE GAMES JOB MARKET

Companies like Big Fish Games are among a handful of the world's leading casual games companies to call Seattle home. In fact, more casual games are purchased from Seattle-area game makers — Big Fish Games, PopCap Games, RealNetworks and Sandlot Games, to name a few — than from game makers anywhere else.



Read about how to break into the hot field of online and mobile games in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

CERTIFICATE IN DATABASE MANAGEMENT

Online // Starts in Autumn & Winter Quarters

Learn to help organizations capture, store, retrieve and analyze information in meaningful ways. Become familiar with the fundamentals of database management technology, design, development and administration. Gain experience working in distributed, mainframe, client-server and desktop environments. Learn the roles and responsibilities of a database administrator and how to diagnose and troubleshoot database issues.

Key Outcome: You will learn the essential theory, design principles and administrative responsibilities needed to successfully meet the demands placed on a database management professional.

COURSES: Noncredit

- ▶ Database Fundamentals
- ▶ Database Design and Implementation
- ▶ Database Administration

COST PER COURSE: \$825

FORMAT: Online

CERTIFICATE IN DIGITAL FORENSICS

Downtown Seattle // Starts in Autumn Quarter

Develop the specialized skills to recover, preserve and evaluate forensic evidence to support civil, criminal and internal investigations. Focus on how to discover and document violations of computer usage in corporate and public agency settings. Learn the laws and procedures to successfully capture criminal use of the Internet, email and electronic files.

Key Outcome: You will add innovation and value to your IT portfolio by learning to discover, analyze and prepare digital evidence for legal proceedings and internal investigations.

COURSES: Noncredit

- ▶ Law and Digital Forensics
- ▶ Digital Forensics Tools and Processes
- ▶ Applied Digital Forensics: Case Studies

COST PER COURSE: \$985

FORMAT: Evenings

CERTIFICATE IN EMBEDDED & REAL-TIME SYSTEMS PROGRAMMING

Downtown Seattle or Online // Starts in Autumn Quarter

Acquire the skills needed to develop embedded and real-time software for microcontrollers and microprocessors, which are used in applications across a variety of industries — including the aerospace, automotive, medical and consumer industries. Learn to design, develop, test, debug and document low-level software for embedded devices using C programming and ARM assembly. Gain an understanding of hardware schematics and the skill set to analyze and improve the performance of a product.

Key Outcome: You will gain the knowledge and skills needed to work in the development and design of embedded products.

COURSES: Noncredit

- ▶ Fundamentals of Embedded and Real-Time Systems
- ▶ Programming with Embedded and Real-Time Operating Systems
- ▶ Design and Optimization of Embedded and Real-Time Systems

COST PER COURSE: \$875

FORMAT: Evenings or Online

CERTIFICATE IN ENGINEERING LEADERSHIP

UW Seattle Campus or Online // Starts in Autumn Quarter

Gain critical skills to become a successful technical lead, first-level manager or program manager. Learn how to understand and communicate with business professionals in your organization, and acquire project management expertise and the tools needed to make data-driven decisions.

Key Outcome: You will learn the skills and tools necessary to effectively lead engineering projects in a competitive business environment.

COURSES: Credit

- ▶ Navigating the Business Environment
- ▶ Technical Leadership
- ▶ Decision Analysis in Engineering
- ▶ Project Performance

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN GAME DEVELOPMENT FOR MOBILE & THE WEB

Downtown Seattle // Starts in Autumn Quarter

Gain practical experience creating cross-platform games for mobile and the Web. Develop JavaScript skills by using HTML5 technologies to build local 2D client-side games and Node.js to create server-side applications. Build complex games that incorporate animation, physics and scorekeeping. Learn how to deliver your games to mobile platforms and social websites and how to use debugging, profiling and analytics tools to polish and improve your games.

Key Outcome: You will be equipped with the skills needed to build full-featured games using the latest technologies for mobile and Web development.

COURSES: Noncredit

- ▶ Gameplay in HTML5
- ▶ Server-Based Game Development
- ▶ Mobile Integration, Analytics and Optimization

COST PER COURSE: \$979

FORMAT: Evenings

CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS

UW Seattle Campus // Starts in Autumn Quarter

Explore how geographic information systems have enhanced the efficiency and analytical power of traditional cartography. Examine the range of information sources that can be combined to build a GIS database, including raw data, scanned maps, GPS positions and aerial photography. Learn how to use the system to support research and decision making in a variety of fields, such as environmental science, land-use planning and disaster preparedness.

Key Outcome: You will be prepared to support growing geospatial marketplace needs with knowledge and skills gained through hands-on map creation and GIS analysis.

COURSES: Noncredit

- ▶ Geospatial Information and Technologies
- ▶ GIS Data and Database Design
- ▶ GIS Modeling and Analysis
- ▶ Additional courses on website

COST PER COURSE: \$735

FORMAT: Evenings

CERTIFICATE IN GLOBAL INTEGRATED SYSTEMS ENGINEERING

UW Seattle Campus or Online // Starts in Autumn Quarter

Gain systems thinking and analytical skills necessary to excel in today's global business environment. Focus on systems engineering, project management, supply chain management and finance — all combined with a multicultural emphasis. Learn innovative techniques used by the industry to design and optimize complex systems that exist across a variety of engineering disciplines.

Key Outcome: You will learn to apply systems thinking skills, financial management concepts, multicultural approaches and optimized engineering solutions to complex engineering problems across multiple disciplines.

COURSES: Credit

- ▶ Global Integrated Systems Engineering (Autumn, Winter, Spring)

COST PER COURSE: See website for details

FORMAT: Days or Online

CERTIFICATE IN INFORMATION SECURITY & RISK MANAGEMENT

Downtown Seattle or Online // Starts in Autumn & Winter Quarters

Manage the defense and protection of vital company information from attack using the latest technologies and strategies. Investigate the types of external and internal threats that can compromise customer data, employee personal information and digitized intellectual property. Examine effective policies for mitigating risks, and learn how to implement security and remediation measures across an entire organization.

Key Outcome: You will gain skills for managing and securing company information from internal and external threats.

COURSES: Credit or Noncredit

- ▶ Information Security and Risk Management in Context
- ▶ Building an Information Risk Management Toolkit
- ▶ Designing & Executing Information Security Strategies

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CAREER INSIGHTS

ONLINE LEARNING CLICKS FOR A GROWING NUMBER OF WORKING PROFESSIONALS

A growing body of working professionals are turning to online learning to fulfill their educational needs, whether the objective is to sharpen their skills, advance a career or explore a new field.



Read about how working professionals successfully completed a certificate or degree online while maintaining their 9-to-5 in the Career Insights section of our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

CERTIFICATE IN INFORMATION SYSTEMS SECURITY

Downtown Seattle // Starts in Autumn Quarter

Explore cutting-edge protective strategies for implementing and administering organization-wide security measures. Investigate the type of threats and attacks that can compromise a company's information systems. Learn to understand and apply technical protective measures to every aspect of a business that relies on information processing.

Key Outcome: You will gain the expertise needed to develop data and Internet security strategies for ensuring the integrity of your business's critical information.

COURSES: Noncredit

- ▶ Foundations of Information Security
- ▶ Security Tools and Technologies
- ▶ Applied Security Solutions and Emerging Trends

COST PER COURSE: \$890

FORMAT: Evenings

CERTIFICATE IN IOS & MAC APPLICATION DEVELOPMENT

Downtown Seattle or Online // Starts in Autumn, Winter & Spring Quarters

Learn the language, framework, processes and skills needed to develop quality applications for Mac OS X (on Apple desktops and laptops) and iOS (on mobile devices). Become familiar with Objective-C and begin developing applications in the Cocoa framework. Gain tools to design, build and test your applications and to market them directly or through the iTunes or Mac App stores. Expand your knowledge to include more advanced Cocoa programming skills.

Key Outcome: You will be able to successfully design, build, test and market your own Mac OS X and iOS applications.

COURSES: Noncredit

- ▶ Programming in Objective-C and the Cocoa Framework
- ▶ iOS Application Development for iPhone, iPad, and iPod
- ▶ Advanced iOS and Mac OS Application Development

COST PER COURSE: \$975

FORMAT: Evenings or Online

NEW! CERTIFICATE IN IT AUDIT

Bellevue // Starts in Winter Quarter

Study the steps involved in performing an IT systems audit, including planning and scoping, testing and evaluating controls, reporting and follow-up. Understand how to evaluate the effectiveness of internal controls as they relate to an organization's business objectives and risk management practices. Learn how to articulate audit findings to various stakeholders.

Key Outcome: You will understand the process for conducting IT systems audits and will learn how to effectively communicate audit findings.

COURSES: Noncredit

- ▶ Evaluating IT Controls and Performing Audits
- ▶ Information Systems Audit Tools & Advanced Techniques

COST PER COURSE: \$1,150

FORMAT: Evenings

NEW! CERTIFICATE IN IT FOUNDATIONS

Bellevue, Downtown Seattle or Online // Starts in Summer & Autumn Quarters

Gain the basic skills necessary to work with information technology. Explore a broad range of IT roles and responsibilities, and learn which best fit with your interests and aptitudes. Study key concepts, terminologies, technologies and best practices. Learn about topics such as beginning programming, website development, database management, networks and .NET development — depending on which courses you select.

Key Outcome: You will acquire the basic technical skills and knowledge needed to work with information technology.

COURSES: Noncredit

- ▶ Introduction to Programming and Application Development
- ▶ .NET Development Foundations
- ▶ Web Design & Development Foundations
- ▶ Networks & Networking Foundations
- ▶ Database Management Foundations

COST PER COURSE: \$849

FORMAT: Evenings or Online

5 REASONS TO ENROLL IN A UW CERTIFICATE OR DEGREE

- ▶ You gain in-depth knowledge that opens possibilities and helps you reach your goals.
- ▶ You can keep your day job, have a life and still keep learning.
- ▶ You broaden your professional network.
- ▶ You complete relevant projects and earn a respected UW credential.
- ▶ You experience the advantages of the UW and learn from industry leaders.



CERTIFICATE IN JAVA PROGRAMMING

Bellevue or Downtown Seattle // Starts in Autumn & Winter Quarters

Learn the most popular programming language in the world of information technology. Develop a solid understanding of Java fundamentals, basic syntax and object-oriented programming concepts such as abstraction, encapsulation and patterns. Become skilled at reading and writing Java code, and explore common libraries for working with strings and numbers. Learn to use integration libraries and data structures to store and manipulate data, connect to databases and communicate over a network.

Key Outcome: You will be prepared for a variety of jobs that involve building and deploying Java software for applications that run on a variety of hardware platforms.

COURSES: Noncredit

- ▶ Object-Oriented Programming in Java
- ▶ Application Programming in Java
- ▶ Advanced Features of Java

COST PER COURSE: \$825

FORMAT: Evenings

CERTIFICATE IN LOCALIZATION: CUSTOMIZING SOFTWARE FOR THE WORLD

Downtown Seattle or Online // Starts in Autumn Quarter

Learn to help businesses customize their products and services for success in foreign markets. Explore localization tools such as machine translation, terminology management and global content management systems. Build on your existing skills in foreign languages, project management or software as you gain a solid understanding of localization project management and engineering practices employed in this expanding field.

Key Outcome: You will acquire practical localization skills that are relevant to and aligned with job market expectations.

COURSES: Noncredit

- ▶ Introduction to Localization
- ▶ Localization Engineering
- ▶ Localization Project Management

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN NATURAL LANGUAGE TECHNOLOGY

Online // Starts in Summer Quarter

Explore the potential of natural language processing — a field that focuses on the use of software to analyze and understand human languages. Learn to bridge the gap between people and machines through predictive text messaging, speech recognition, dialogue systems, information extraction and other NLP applications. Discover how biomedical informatics, litigation support, media and advertising benefit from language technologies.

Key Outcome: You will acquire expertise in specialized algorithms for natural language processing, applicable across a broad range of application domains.

COURSES: Credit

- ▶ Computational Linguistics Fundamentals
- ▶ Shallow Processing Techniques for Natural Language Processing
- ▶ Deep Processing Techniques for Natural Language Processing

COST PER COURSE: See website for details
FORMAT: Online

CERTIFICATE IN NETWORK ENGINEERING & ARCHITECTURE

Bellevue // Starts in Autumn Quarter

Advance your skills in the specialized field of network engineering by building on your knowledge of network architectures, protocols and standards concepts. Acquire the latest in-depth technical training on advanced technology integration via local area networks and wide area networks. Learn how to select and manage vendors, and study the network design and engineering skills required to support network environments.

Key Outcome: You will be able to design and manage computer networks using the latest concepts, techniques and tools essential to the operation of most businesses.

COURSES: Noncredit

- ▶ Network Architectures, Protocols, and Standards
- ▶ LAN and WAN Engineering
- ▶ Advanced Network Technology and Integration

COST PER COURSE: \$966

FORMAT: Evenings

NEW! CERTIFICATE IN ONLINE MONETIZATION

Downtown Seattle or Online // Starts in Autumn Quarter

Learn about the latest trends and technical developments in online business models, with an emphasis placed on customer engagement. Examine a variety of monetization strategies, including mobile and Web-based solutions, and understand their strengths and weaknesses. Explore the key technologies that support e-commerce, including cloud computing, third-party vendors and services, analytics, payment systems, adware, security and automation. Plan and develop an engaging website or application that accepts secure online payments.

Key Outcome: You will gain an in-depth understanding of online monetization strategies and technologies and will develop a customer-focused website or application that can collect online payments.

COURSES: Noncredit

- ▶ OL Monetization: Models and Methods
- ▶ OL Monetization: Infrastructure and Technology
- ▶ OL Monetization: Web Application Development

COST PER COURSE: See website for details

FORMAT: Evenings or Online

CERTIFICATE IN ORACLE DATABASE ADMINISTRATION

Online // Starts in Autumn Quarter

Learn how Oracle works and how to administer Oracle databases. Develop core Oracle skills and understand the basics of relational database management systems. Learn structured query language, normalization, architecture and administrative essentials. Focus on additional topics that include development using PL/SQL, security, backup, recovery and performance tuning. Learn techniques for troubleshooting and fine-tuning system performance.

Key Outcome: You will acquire the latest techniques and administrative knowledge needed to deploy and maintain Oracle database services.

COURSES: Noncredit

- ▶ Concepts, Architecture and Administrative Essentials
- ▶ Application Development and Administration
- ▶ Troubleshooting and Performance Tuning

COST PER COURSE: \$875

FORMAT: Online

CERTIFICATE IN PROFESSIONAL OPEN SOURCE WEB DEVELOPMENT

Downtown Seattle or Online // Starts in Autumn Quarter

Create sophisticated websites with the best open source front-end and back-end tools, frameworks and libraries. Take your PHP and MySQL skills to the next level by learning object-oriented PHP, authentication, security and MySQL Stored Procedures. Study how to use Ajax, JSON and jQuery for responsive Web design. Practice methods for troubleshooting, debugging, quality assurance and unit testing. Explore database and cloud storage solutions to support enterprise-level websites.

Key Outcome: You will have the skills to create feature-rich, scalable websites using open source technologies including jQuery, PHP and advanced MySQL tools.

COURSES: Noncredit

- ▶ jQuery and AJAX for Responsive Web Sites
- ▶ Object-Oriented PHP for High-Traffic Web Sites
- ▶ MySQL Design, Development and Administration

COST PER COURSE: \$950

FORMAT: Evenings or Online

CERTIFICATE IN PYTHON PROGRAMMING

Downtown Seattle // Starts in Autumn Quarter

Study Python's versatile programming language, which is suitable for projects ranging from small scripts to large systems. Learn best practices such as version control, unit testing and recommended styles and idioms. Explore Python's large standard library that supports many common programming tasks.

Key Outcome: You will gain a fundamental understanding of programming in Python by creating a variety of scripts and applications for the Web and for systems development.

COURSES: Noncredit

- ▶ Programming in Python
- ▶ Internet Programming in Python
- ▶ System Development with Python

COST PER COURSE: \$900

FORMAT: Evenings

CERTIFICATE IN RUBY PROGRAMMING

Downtown Seattle or Bellevue & Online // Starts in Autumn & Winter Quarters

Build Web-based and database-driven applications on the Ruby on Rails framework using Ruby programming fundamentals. Gain core Ruby programming competencies and leverage libraries (RubyGems) to create a wide spectrum of powerful applications. Connect and contribute to the Ruby on Rails community.

Key Outcome: You will learn the Ruby programming language as you study how to design, develop and deploy applications on the Rails platform.

COURSES: Noncredit

- ▶ Ruby: The Core Language
- ▶ Applications with Ruby on Rails
- ▶ Advanced Topics in Ruby on Rails

COST PER COURSE: \$825

FORMAT: Evenings or Online

NEW! CERTIFICATE IN SHAREPOINT DEVELOPMENT

Bellevue or Online // Starts in Winter Quarter

Learn how to leverage out-of-box solutions in Microsoft SharePoint to create intranet sites that successfully meet user needs. Be able to administer and configure SharePoint sites, including developing effective information architecture and taxonomy. Learn to manage user expectations and translate user requirements. Understand the moving parts of a site — libraries, lists, Web parts — and how they can be integrated. Explore how to use the SharePoint Design Center to customize site layout.

Key Outcome: You will learn how to develop and customize intranet sites using Microsoft SharePoint to deliver a successful user experience.

COURSES: Noncredit

- ▶ SharePoint Planning & Implementation
- ▶ Developing & Customizing SharePoint

COST PER COURSE: See website for details

FORMAT: Online or Evenings & Weekends

CAREER INSIGHTS

10 TIPS FOR SUPERCHARGING YOUR LINKEDIN PROFILE

1. **Fine-tune your settings.** Turn off the activity broadcast in the setting menu, especially if you're confidentially searching for work.
2. **Have a great profile photo.** Don't sell your personal brand short by using a fuzzy, distorted picture. Look approachable. Smile!
3. **Maximize your headline.** Your 120 character headline describes your professional focus and will go a long way in shaping people's first impressions about you.
4. **Personalize your public profile URL.** Customize your LinkedIn profile address. Shorten this link in the Edit Profile page and add it to your resume, business card and email signature.
5. **Soup up your summary.** Your summary should be around 3–5 short paragraphs long, preferably with a bulleted section in the middle. Identify your work passions, key skills, unique qualifications and a list of the various industries you've worked in.
6. **Employ multimedia.** Consider whether you can show off your talents by connecting certain types of multimedia content to your profile, such as videos, websites, blog articles or an online portfolio.
7. **Deck out your work history.** Keywords are king. Flesh out each of your past jobs with a thorough description of your responsibilities, including a breakdown of the day-to-day tasks you performed and perhaps a short bulleted list of your accomplishments and contributions.
8. **Include a current job entry, even when unemployed.** Most recruiting professionals only use the current title box to search for candidates. If you're unemployed, create a dummy job listing in the current section that includes the job title(s) you're targeting.
9. **Trumpet your expertise.** Make sure you include at least 15–20 entries in the Skills & Expertise section since it plays a key role in the LinkedIn search algorithm.
10. **Ask people to talk you up.** Encourage your connections to submit recommendations to your profile or endorse you for specific skills. Ask friends to submit short, personalized testimonials.



Read more Career Insights on our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

CERTIFICATE IN SOFTWARE TEST AUTOMATION

Bellevue // Starts in Autumn Quarter

Learn to design and develop automated software tests using the C# programming language. Gain expertise in the namespaces, classes, methods and properties in the .NET framework commonly used to launch, analyze and manipulate applications. Understand automated testing techniques for database testing, Web-client testing and stress and performance testing. Apply your new skills to Java, Mono C or other programming or scripting languages.

Key Outcome: You will develop the ability to write test automation code and will become proficient in C# programming while learning current best practices.

COURSES: Noncredit

- ▶ Building Test Automation in C#
- ▶ Essential Elements of Automated Test Design
- ▶ Advanced Automated Test Design in .NET

COST PER COURSE: \$875

FORMAT: Evenings

CERTIFICATE IN SOFTWARE TESTING & QUALITY ASSURANCE

Downtown Seattle // Starts in Autumn Quarter

Learn the basics of software testing and quality assurance, including terminology, documentation practices, control processes and methodologies. Understand the role of a tester in software development and the testing cycle. Practice a wide array of testing techniques, and examine test development models such as Agile and Waterfall. Explore software testing processes within a variety of industry contexts, and study practices applicable to cloud, mobile and Web environments.

Key Outcome: You will understand the fundamental concepts of software testing and quality assurance and will be equipped to create and implement an effective software testing strategy.

COURSES: Noncredit

- ▶ Software Quality Assurance and Process
- ▶ Test Design, Execution and Reporting
- ▶ Software Testing Techniques

COST PER COURSE: \$825

FORMAT: Evenings

CERTIFICATE IN SOLUTIONS ARCHITECTURE

Downtown Seattle // Starts in Winter Quarter

Develop the tools necessary to create well-structured technical or conceptual solutions for organizations, including skills in architectural thinking and modeling. Expand your knowledge of systems requirements refinement and development approaches. Learn to integrate disparate technologies into systems. Explore current and trending methodologies for solutions architecture, and evaluate sourcing alternatives.

Key Outcome: You will be able to translate systems requirements into a coherent, feasible architecture that can be used to build a solution.

COURSES: Noncredit

- ▶ Solutions Architecture Foundations
- ▶ Architecting the Solution

COST PER COURSE: \$1,199

FORMAT: Evenings

NEW! CERTIFICATE IN SQL SERVER ADMINISTRATION

Online // Starts in Autumn Quarter

Learn how to manage, analyze and leverage complex data using SQL Server databases and servers. Study data structures and SQL Server architecture and tools. Be equipped to control data with the Transact-SQL programming language. Understand issues involved in the planning, implementation and configuration of SQL Server databases and servers. Learn about on-demand and periodic maintenance, as well as monitoring and performance tuning.

Key Outcome: You will acquire the skills needed to effectively implement, configure and maintain SQL Server database management systems.

COURSES: Noncredit

- ▶ SQL Server Concepts and Tools
- ▶ Planning and Configuration
- ▶ Systems Management and Operations

COST PER COURSE: \$910

FORMAT: Online



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www.keeplearning.uw.edu

NEW! CERTIFICATE IN SQL SERVER DEVELOPMENT*Online // Starts in Winter Quarter*

Explore the fundamentals of database planning and installation using SQL Server. Study primary database objects, modeling, SQL syntax and relational data access. Gain hands-on experience using scalar and table-valued functions, branching and conditional logic, advanced data structures and transactions and concurrency. Learn to write and tune SQL queries, and develop advanced skills in programming and problem solving with Transact-SQL.

Key Outcome: You will learn how to define, build and deploy relational databases using SQL Server and how to create and implement advanced reporting solutions.

COURSES: Noncredit

- ▶ SQL Server Essentials for Developers
- ▶ Database Programming Using T-SQL
- ▶ Advanced T-SQL Querying and Programming

COST PER COURSE: \$910**FORMAT:** Online**CERTIFICATE IN UNIX/LINUX ADMINISTRATION***Downtown Seattle // Starts in Autumn Quarter*

Learn how to plan, support and administer UNIX and Linux systems. Build and manage a UNIX/Linux virtual environment over the length of the program as you learn how to administer different operating systems through hands-on experience. Explore real-world solutions for systems management, data exchange, security, performance and administering large systems relative to any platform.

Key Outcome: You will gain marketable skills and knowledge in how to successfully plan, support and administer UNIX and Linux systems in any business environment.

COURSES: Noncredit

- ▶ Foundations of the UNIX/Linux Environment
- ▶ Administering UNIX/Linux Machines
- ▶ Administering Large UNIX/Linux Systems

COST PER COURSE: \$899**FORMAT:** Evenings**CERTIFICATE IN USER-CENTERED DESIGN***UW Seattle Campus // Starts in Autumn Quarter*

Study sophisticated planning and development methods used to ensure intuitive, user-friendly product design. Explore user experience design and research, information visualization, interaction design and Web design. Learn the latest theories, and acquire tools and techniques to place user needs and desires at the forefront of each stage of the design process.

Key Outcome: You will develop a foundation in UX design and research, information visualization, interaction design and Web design to prepare for a career in user-centered design.

COURSES: Credit

- ▶ User-Centered Web Design
- ▶ Usability Testing
- ▶ Seminar: Current Issues in HCDE
- ▶ Additional courses on website

COST PER COURSE: See website for details**FORMAT:** Evenings**CERTIFICATE IN WEB TECHNOLOGY SOLUTIONS***UW Seattle Campus or Online // Starts in Autumn & Winter Quarters*

Examine how back-end server and database technologies work with front-end Web interfaces to create seamless e-commerce experiences for customers. Add user interaction to Web pages with JavaScript. Explore the server environment and architecture of database-driven Web applications. Learn how to use PHP to create website templates, connect to databases and update data over the Web. Design efficient MySQL databases to reduce data redundancy.

Key Outcome: You will be ready to build and maintain customized, dynamic, database-driven and business-friendly websites using open source software.

COURSES: Credit

- ▶ Front End Scripting with JavaScript
- ▶ Server-Side Programming Using PHP
- ▶ SQL, Data Storage Technologies, and Web-Data Integration

COST PER COURSE: \$950**FORMAT:** Evenings or Online

THE STUDENT EXPERIENCE

“ This program was excellent for helping me start a new career after a long dormant period. It helped me put all the pieces together. And it’s really high quality — the lectures are very interesting and really dense. After two years, I still go back to look at my assignments and all the stuff I did. ”

— Daini Xie, Alumna, Certificate in Embedded & Real-Time Systems Programming
Senior Engineer, Qualcomm Inc.

DEGREE PROGRAMS

MASTER OF AEROSPACE ENGINEERING*UW Department of Aeronautics & Astronautics***FORMAT**

▶ Part Time, Evenings or Online

MASTER OF GEOGRAPHIC INFORMATION SYSTEMS*UW Department of Geography***FORMAT**

▶ Part Time, Online

MASTER OF HUMAN-COMPUTER INTERACTION & DESIGN*UW Department of Computer Science & Engineering, UW Department of Human Centered Design & Engineering, UW Information School and UW School of Art (Division of Design)***FORMAT**

▶ Full Time, Days

MASTER OF LIBRARY & INFORMATION SCIENCE*UW Information School***FORMAT**

▶ Part or Full Time, Days or Online

MASTER OF SCIENCE IN AERONAUTICS & ASTRONAUTICS*UW Department of Aeronautics & Astronautics***FORMAT**

▶ Part Time, Online

MASTER OF SCIENCE IN APPLIED MATHEMATICS*UW Department of Applied Mathematics***FORMAT**

▶ Part Time, Online

MASTER OF SCIENCE IN COMPUTATIONAL LINGUISTICS*UW Department of Linguistics***FORMAT**

▶ Part or Full Time, Evenings or Online

MASTER OF SCIENCE IN COMPUTER SCIENCE & ENGINEERING*UW Department of Computer Science & Engineering***FORMAT**

▶ Part Time, Evenings

MASTER OF SCIENCE IN COMPUTER SCIENCE & SOFTWARE ENGINEERING*UW Bothell***FORMAT**

▶ Part or Full Time, Evenings

MASTER OF SCIENCE IN CYBER SECURITY ENGINEERING*UW Bothell***FORMAT**

▶ Part or Full Time, Evenings

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING*UW Department of Electrical Engineering***FORMAT**

▶ Part or Full Time, Evenings

MASTER OF SCIENCE IN HUMAN CENTERED DESIGN & ENGINEERING*UW Department of Human Centered Design & Engineering***FORMAT**

▶ Part or Full Time, Evenings

MASTER OF SCIENCE IN INFORMATION MANAGEMENT*UW Information School***FORMAT**

▶ Part or Full Time, Days or Evenings & Weekends

MASTER OF SCIENCE IN MECHANICAL ENGINEERING*UW Department of Mechanical Engineering***FORMAT**

▶ Part Time, Days or Online

MASTER OF SCIENCE IN PHYSICS*UW Department of Physics***FORMAT**

▶ Part Time, Evenings

MASTER OF SCIENCE IN CIVIL ENGINEERING*UW Department of Civil & Environmental Engineering***FORMAT**

▶ Part or Full Time, Days

MASTER OF SCIENCE IN CIVIL ENGINEERING: CONSTRUCTION ENGINEERING*UW Department of Civil & Environmental Engineering, UW Department of Construction Management***FORMAT**

▶ Part Time, Online

MASTER OF SUPPLY CHAIN TRANSPORTATION & LOGISTICS*UW Department of Civil & Environmental Engineering***FORMAT**

▶ Part Time, Online



CAREER INSIGHTS

POSITIONING YOURSELF FOR EMERGING JOBS IN TECHNOLOGY

1. **Ground yourself in the fundamentals.** Have a solid understanding of core computer science and programming concepts. The fundamentals enable you to learn new skills quickly.
2. **Know what's going on under the hood.** Can you describe what happens after you launch an app or enter a URL into a browser?
3. **Enhance your portfolio with complete projects.** By building projects from concept to completion, you demonstrate the depth of your knowledge and skills to a hiring manager.
4. **Go to the source for industry information.** Tap into a subcurrent of resources and advice by following the blogs of thought leaders, developers and vendors.
5. **Get a head start with a course or certificate.** When learning a new skill, a course or certificate program can help you to focus on a direction, discover the right questions to ask and learn from the unique perspectives of fellow professionals.
6. **Prepare now for the transition to cloud computing.** Be flexible when it comes to learning new skills and filling in the gaps.
7. **To excel in business intelligence, learn how to interpret and translate data.** For medium-tech professionals, learn the fundamentals in SQL or basic coding so you can work directly with the data to discover patterns.
8. **For graphic designers, get your programming start in mobile.** You can begin designing mobile or Web apps with basic programming knowledge in HTML, CSS or Python before pulling in someone with more advanced skills.
9. **Build off of what you already know and love.** Don't start from scratch. Volunteer for cutting edge projects at work or sign up for evening or online courses that supplement your current skills and interests.
10. **Be a user-experience specialist.** Always consider how technology can help people get what they really want.



Sign Up

Read more in the Career Insights section on our website at www.pce.uw.edu/career-insights, and sign up for our monthly newsletter.

SELECT COURSES

Earn college credit toward a degree, satisfy a prerequisite, prepare for a certificate program, gain knowledge for your career or fulfill a personal interest. This section captures only a fraction of the individual course offerings and other opportunities you can find on our website.

.NET DEVELOPMENT FOUNDATIONS

Bellevue, Downtown Seattle or Online // Starts in Summer & Autumn Quarters

Gain a working knowledge of Microsoft Visual Studio and .NET. Study basic programming concepts using C#.

COST: \$849

APPLICATION DEPLOYMENT, MARKETING & ENTREPRENEURSHIP

Downtown Seattle or Online // Starts in Summer Quarter

Concentrate on the business functions that allow a developer to bring an application to the appropriate audience.

COST: \$969

CIVIL ENGINEERING P.E. REVIEW

UW Seattle Campus // Starts in Summer & Winter Quarters

Focus on key exam topics and questions. Practice test preparation and test-taking strategies.

COST: \$850

COLD REGIONS ENGINEERING

Seattle // Starts in Summer, Autumn, Winter & Spring Quarters

Explore cold regions engineering and problems. Meet the arctic engineering course requirement for Alaska.

COST: \$1,390 – \$1,490

CONSTRUCTION CONTRACT DOCUMENTS

UW Seattle Campus // Starts in Winter Quarter

Interpret contract documents. Explore the uses of architectural drawings and specs during construction.

COST: \$1,197

CONSTRUCTION METHODS & MATERIALS II

UW Seattle Campus // Starts in Spring Quarter

Review basic materials, placing an emphasis on techniques for assembly and use in residential and light construction.

COST: \$1,995

DATABASE MANAGEMENT FOUNDATIONS

Downtown Seattle, Bellevue or Online // Starts in Autumn & Spring Quarters

Explore the industry, concepts and technology associated with developing and managing databases. Develop skills through practical exercises.

COST: \$849

EDITING SOCIAL MEDIA

UW Seattle Campus // Starts in Summer Quarter

Write and edit for social media. Explore SEO, CMS, storytelling, interactivity and collaboration.

COST: See website for details

ELEMENTARY SPANISH

UW Seattle Campus // Starts in Autumn, Winter & Spring Quarters

Obtain the vocabulary and skills to successfully converse in Spanish with others.

COST: \$1,495

FOUNDATIONS OF C PROGRAMMING

Online // Starts in Summer, Autumn & Spring Quarters

Gain foundational skills in coding and testing. Acquire experience through challenging and fun programming assignments.

COST: See website for details

FUNDAMENTALS OF ENGINEERING / EIT REVIEW

UW Seattle Campus // Starts in Summer & Winter Quarters

Focus on key exam questions. Study effective time management and problem solving skills.

COST: \$825

GIS: PRESENTATION, ANALYSIS & PROBLEM-SOLVING

Online // Starts in Summer & Spring Quarters

Review the systems, science and study of geographic information systems.

COST: See website for details

HEALTH IN COMPLEX HUMANITARIAN EMERGENCIES

UW Seattle Campus // Starts in Summer Quarter

Learn about public health and epidemiology of people affected by complex humanitarian emergencies and natural disasters.

COST: \$900 – \$1,428

ILLUSTRATING CHILDREN'S PICTURE BOOKS

UW Seattle Campus // Starts in Summer Quarter

Delve into character, style, media and visual research. Illustrate a book based on an original story or folktale.

COST: See website for details

INTRODUCTION TO BIOCHEMISTRY 405

UW Seattle Campus // Starts in Winter Quarter

Gain an understanding of chemical events in living systems in terms of metabolism and structure-function relationships.

COST: See website for details

INTRODUCTION TO BIOCHEMISTRY 406

UW Seattle Campus // Starts in Spring Quarter

Build a broad understanding of chemical events in living systems. Analyze biologically important molecules.

COST: See website for details

INTRODUCTION TO PROGRAMMING & APPLICATION DEVELOPMENT

Bellevue, Downtown Seattle or Online // Starts in Summer & Autumn Quarters

Obtain a rapid and practical introduction to computer programming and application development.

COST: \$849

JAVA FOUNDATIONS

Bellevue or Downtown Seattle // Starts in Summer & Autumn Quarters

Learn Java by starting with the basics: strings, numbers, arrays, loops, conditional statements and functions.

COST: \$825

JOURNAL RESEARCH SEMINAR

Online // Starts in Summer, Autumn, Winter & Spring Quarters

Research, analyze and discuss current biotech and biomedical articles, and summarize your findings in an online presentation.

COST: See website for details

MECHANICAL ENGINEERING P.E. REVIEW

UW Seattle Campus // Starts in Summer & Winter Quarters

Investigate key exam topics. Build your study, problem solving and exam-taking strategies.

COST: \$850

MOLECULAR GASTRONOMY

Online // Starts in Summer & Winter Quarters

Study the scientific principles behind modern culinary techniques.

COST: See website for details

NETWORKS & NETWORKING FOUNDATIONS

Bellevue or Online // Starts in Summer Quarter

Learn about today's networks, from data centers to wireless to the cloud, and explore how to design basic networks.

COST: \$849

NUTRITION FOR TODAY

Online // Starts in Summer, Autumn, Winter & Spring Quarters

Review the science of nutrition as it relates to individual food choices, health behaviors and public health.

COST: See website for details

PROOFREADING

UW Seattle Campus // Starts in Summer Quarter

Study the proofing process. Master copy marks, style sheets and editing for both print and digital media.

COST: See website for details

R PROGRAMING FOR QUANTITATIVE FINANCE

UW Seattle Campus or Online // Starts in Autumn Quarter

Obtain a rapid and practical introduction to programming in the statistical language of R.

COST: See website for details

SOUND GATHERING ON LOCATION

UW Seattle Campus // Starts in Spring Quarter

Explore basic audio tools on location. Learn the difference between recording for video and film.

COST: \$299

SPORTS NUTRITION

Online // Starts in Summer, Autumn & Spring Quarters

Covers the essentials of human nutrition that improve and sustain optimal performance for sport and exercise.

COST: See website for details

WEB DESIGN & DEVELOPMENT FOUNDATIONS

Online // Starts in Summer & Autumn Quarters

Discover markup languages and their role in publishing content on the Web. Study HTML, CSS and UNIX basics.

COST: \$849

WEB-SAVVY EDITOR

UW Seattle Campus // Starts in Winter Quarter

Prepare to write and edit for the Web. Learn how to produce effective content and websites.

COST: \$399



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Become a member of OLLI-UW and choose from a variety of courses, workshops and special events designed for adults over 50. Learn from current and retired UW faculty, as well as community experts. Share your interests with other OLLI-UW members and enjoy social activities together. Explore and discuss topics such as American poetry, climate change, drawing and painting, energy technology and more.

VISIT: www.osher.washington.edu

SUMMER YOUTH PROGRAMS

UW Seattle Campus

Enroll your elementary, middle or high school student in a UW Summer Youth program, where they can explore a wide variety of subjects in the humanities and visual and performing arts, as well as STEM-focused offerings such as robotics, computer programming and engineering design. Sign up for full-day camps or half-day short courses. All programs are taught by highly qualified and experienced instructors.

VISIT: www.summer-camp.uw.edu

INTERNATIONAL & ENGLISH LANGUAGE PROGRAMS

Downtown Seattle & UW Seattle Campus

Improve your English language skills through our online, evening and weekend courses. Learn from highly trained English language professionals and study with students from all over the world. Choose from courses in academic English, academic writing, business writing, conversation, TOEFL preparation and more. Programs are available for a variety of skill levels.

VISIT: www.outreach.washington.edu/elp

GET UW CREDIT WITHOUT APPLYING FOR ADMISSION

Here are a few great ways to take courses for credit at the UW without applying for admission to the university or enrolling in a degree program.

SUMMER QUARTER

UW Seattle Campus, UW Bothell & UW Tacoma

Always wanted to see what it's like to attend the UW without applying for admission? Here's your chance: Summer Quarter is open to everyone, making it a great time to explore all that the UW has to offer, but in smaller class sizes and a condensed timeframe. Choose from a nine-week term or sessions lasting just four and a half weeks. Nearly 2,000 credit courses are available.

VISIT: www.summer.washington.edu

NON-DEGREE ENROLLMENT

UW Seattle Campus

Non-Degree Enrollment allows anyone to take regular UW courses and earn credit. Students study alongside degree students with UW professors, earn UW credit and are eligible for some (though not all) student services. Enrollment as a non-degree student requires prior written approval from the academic department that offers your class and is on a standby basis, which means you are not guaranteed a space in the class.

VISIT: www.nondegree.washington.edu

CREDIT COURSES ONLINE

You can choose from a variety of credit courses that you can take online, available to anyone — UW and non-UW students alike.

VISIT: www.pce.uw.edu/online-learning

ONLINE LEARNING AT THE UW

We offer a wide range of credit and noncredit courses, certificate programs and graduate degree programs that you can take either completely online or in a blended combination of online and classroom instruction. And now you can complete your bachelor's degree online at the UW through our Undergraduate Online Degree Completion program.

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ONLINE GRADUATE DEGREES & UNDERGRADUATE DEGREE COMPLETION

You don't have to compromise the quality of your education for the convenience of online learning. Finish your bachelor's degree or get your master's degree at the UW without the commute.

VISIT: www.pce.uw.edu/online-degrees

COURSERA & OTHER FREE NONCREDIT COURSES ONLINE

The next wave in online learning is here, and you're invited to take part. The UW now offers select courses for free through Coursera, which provides access to massive open online courses (MOOCs) taught by top professors from some of the world's leading universities. These dynamic offerings — including Programming Languages and Introduction to Computer Networks — run on a specific, 10-week schedule and must be signed up for in advance. We also offer a variety of general interest courses for free online that you can complete at your own pace.

VISIT: www.pce.uw.edu/online/free-courses



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CLASSROOM LOCATIONS

Bellevue
2445 140th Ave. NE, Suite B-100
Bellevue, WA 98005

Downtown Seattle
Puget Sound Plaza
1325 4th Ave., Suite 400
Seattle, WA 98101

UW Bothell Campus
18115 Campus Way NE
Bothell, WA 98011

UW Seattle Campus
University of Washington
Seattle, WA 98105

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