

Keep learning.  
It's the Washington Way.



# University of Washington Online Learning

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PROFESSIONAL &  
CONTINUING EDUCATION  

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UNIVERSITY *of* WASHINGTON

# Online Learning at UW in Context

- 15 Online Graduate Degrees
- 40 Online Certificate Programs
- 75 Standalone Courses – including courses offered to matriculated students for \$350 fee
- Coursera and UWEO Free Courses
- Online Bachelor Completion Program in Early Childhood and Family Studies launching Autumn 2013



# Online Graduate Degrees (15)

- **College of Built Environments (2)**

- [Master of Infrastructure Planning and Management](#)
- [Master of Science in Construction Management](#)

- **College of Arts and Sciences (5)**

- [Master of Science in Computational Linguistics](#)
- [Master of Science in Computational Finance and Risk Management](#)
- [Master of Geographic Information Systems](#)
- [Master of Science in Applied Mathematics](#)
- [Master of Supply Chain Transportation & Logistics](#) (requires 1 week in Seattle at start of program)

- **College of Engineering (6)**

- [Master of Sustainable Transportation](#)
- [Master of Aerospace Engineering in Composite Materials and Structures](#)
- [Master of Science in Civil Engineering: Construction Engineering](#)
- [Master of Science in Aeronautics and Astronautics](#)
- [Master of Aerospace Engineering](#)
- [Master of Science in Mechanical Engineering](#)

- **Information School (1)**

- [Master of Library and Information Science](#)

- **School of Nursing (1)**

- [Master of Science: Clinical Informatics and Patient-Centered Technologies](#)



# Online Certificate Programs (40)

- [Android Application Development](#)
- [Applied Biostatistics](#)
- [Advanced Applied Biostatistics](#)
- [Biotechnology Project Management](#)
- [C++ Programming](#)
- [Cloud Computing](#)
- [Computational Finance](#)
- [Construction Management](#)
- [Data Science](#)
- [Database Management](#)
- [Decision-Making for Climate Change](#)
- [E-Learning Design and Development](#)
- [Embedded and Real-Time Systems Programming](#)
- [Facility Management](#)
- [Financial Risk Management](#)
- [Food, Nutrition & Health](#)
- [Gerontology](#)
- [Green Stormwater Infrastructure Design Principles](#)
- [Health Economics and Outcomes Research](#)
- [Heavy Construction Project Management](#)
- [Information Security & Risk Management](#)
- [Infrastructure Construction](#)
- [iOS and Mac Application Development](#)
- [Localization: Customizing Software for the World](#)
- [Medical Devices and Commercialization](#)
- [Microsoft Dynamics CRM](#)
- [Natural Language Technology](#)
- [.NET Development](#)
- [.Net Advanced Web Development](#)
- [Oracle Database Administration](#)
- [Paralegal Studies](#)
- [Professional Open Source Web Development](#)
- [Project Management](#)
- [Radiation: Sources, Detection, Imaging & Safety](#)
- [SQL Server Specialist](#)
- [Statistical Analysis with R Programming](#)
- [Sustainable Transportation: Environmental Issues & Impacts](#)
- [Sustainable Transportation Planning & Livable Communities](#)
- [Virtual Worlds](#)
- [Web Technology Solutions](#)



# Online Learning Undergraduate and Graduate Enrollments Summary 2012-2013

<b>Category</b>	<b>Total Enrollments</b>
<b>Group Start Undergraduate</b>	5,229
<b>Individual Start Undergraduate</b>	409
<b>Evening Degree Online</b>	233
<b>Graduate Degree Online</b>	4,309
<b>Certificate Courses</b>	2,622
<b>Total</b>	12,802



# Group Start Pilot Course Enrollments Summary

<b>Semester</b>	<b>Total Enrollments</b>
<b>Autumn 2009</b>	569
<b>Spring 2010</b>	702
<b>Autumn 2010</b>	747
<b>Winter 2011</b>	995
<b>Spring 2011</b>	1418
<b>Autumn 2011</b>	1209
<b>Winter 2012</b>	1748
<b>Spring 2012</b>	1935
<b>Summer 2012</b>	138
<b>Autumn 2012</b>	1343
<b>Winter 2013</b>	1762
<b>Spring 2013</b>	1986



# Coursera Enrollments Summary

Numbers reflect the top single instance for each course to date, since some courses are repeated throughout the year

Course Name	Total Enrollments
Introduction to Computational Finance and Financial Econometrics	30,578
Information and Risk Management	25,077
Computational Methods for Data Analysis	15,179
High Performing Scientific Computing	19,174
Scientific Computing	14,374
Introduction to Public Speaking – launches 6/24	75,649
Building an Information Risk Management Toolkit	10,533
Designing and Executing Information Security Strategies	12,611



# Grants Received and Corporate MOOC Partnership

- Next Generation Learning Challenge Grant received in Summer 2012 – approx. 1 M
- Gates Foundation MOOC grant - \$50K
  - Introduction to Public Speaking Course
  - Launches 6/24/2013 – assessment component as part of grant cohort
- Boeing Partnership for Composites MOOC



# Next Generation Learning Challenge Project

Provide a Transformational Online  
Undergraduate Degree-Completion Program  
at a Lower Cost

- Early Childhood and Family Studies degree
- Low-cost: \$160/credit vs. \$379/credit
- Innovative Design with High Student Engagement
- Quality: World-class, Research-university
- Target Audience: Students Unable to Complete a Traditional Bachelor Degree Program due to Cost or Family/Work Obligations



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# Academic and Business Model

World-class Faculty Work with Instructional Designers to Create Upper-Division Courses Approved by UW Departments

Two Versions of Selected Online, Cohort-based Courses will be Delivered:

- Exemplary Free Courses Offered through Coursera
  - No Instructor with Peer-to-Peer Interaction Only
  - Auto-graded and Peer-graded
  - Large Enrollment (20,000+ per course section)
  - Video with Quizzes Every 10 Minutes plus other Assignments
- Credit Courses Offered through Canvas Platform
  - Fee-based at \$160/credit
  - Instructor-Led by UW World-Class Faculty
  - Additional Assignments, Readings and Exit Requirements to Enhance Free Class Material
  - Added Engagement for Students with Faculty and Mentors
  - 45 or Less Students per Section with Multiple Sections
  - Leads to an Undergraduate Degree
- Some Courses Designed to Allow Free Student Transition to a Credit Version of the Class
- Well-designed Classes that Use Analytics to Permit Intervention and Encourage Retention



# Partnerships

- Washington Online; Rio Salado Community College with 43,000 online students; and the League of Innovation, a consortium of 800 community colleges.
- National Center for Quality Teaching and Learning



# New Online Initiatives Underway or Under Consideration

- Coursera – underway and future plans
- edX – just announced
- Online undergraduate completion programs in
  - Early Childhood and Family Studies – underway
  - Social Sciences – proposed
  - Criminal Justice (Tacoma) - proposed
- ASG (research university consortium) MOOC - proposed

