

GRADUATE CERTIFICATES

Expand your analytics toolkit, learn how to become a more inclusive and responsible leader, or sharpen your project management abilities and position yourself for the Project Management Professional (PMP) certification. These are just some of the skills you can gain in one year or less with Bentley's graduate certificate programs. And for those looking to truly gain mastery, the credits earned can be applied towards a future Bentley graduate degree.

Analytics and Technology

Foundations of Data Analytics

This certificate is the place to start if you want to move into a career in data but don't have any significant experience in the field. You'll learn foundational programming skills and how to identify, manipulate, organize, and extract big data to create valuable insights.

Data Science Essentials

The Data Science Essentials certificate is a perfect fit for professionals who love data and want to enhance their skills within careers as data scientists, data analysts, and data engineers.

Managing with Analytics

This certificate is perfect for professionals who want to enhance their analytic skills for launching or accelerating a career as business analyst, business intelligence (BI) analyst, or BI engineer.

Cybersecurity Risk Management

Whether you are interested in moving into Cybersecurity or are an IT expert who needs exposure to the Information Security field, this certificate will provide you with the cross-disciplinary foundation to receive your certification and advance.

Finance and Accounting

ESG Investment Management

This certificate educates students on fundamentals of investments, including portfolio theory, equity and fixed income securities, security analysis, and portfolio management. In addition, students will examine various ESG considerations such as climate change, air & water pollution, waste management, community & employee relations, human rights, human capital management, board composition, disclosure, accounting risk, executive compensation, and learn about incorporating these ESG issues into the investment process.

Fundamentals of Audit and Risk Assurance

This certificate addresses the need for highly skilled audit and risk assurance professionals, along with the digital skills to navigate and analyze risk in any modern digital information technology infrastructure. The certificate provides a foundation for the Certified Information Systems Auditor (CISA) exam, as well as the Certified Internal Auditor (CIA®) Exam.

Management and Leadership

Entrepreneurship and Strategic Leadership

Gain the skills and analytical tools that will help you become an entrepreneurial, creative and innovative manager. Students with these skills will be prepared for careers as autonomous entrepreneurs, family business entrepreneurs, or entrepreneurs in corporate settings.

Management Skills for First-Time Managers

Becoming a first-time manager is recognition that your organization believes you can positively influence others and lead others to accomplish a shared goal. This certificate will teach you how to use emotional intelligence, team design and negotiation to make sure your first management assignment is a success.

Inclusive and Responsible Leadership

Ethical leaders who can harness the power of diversity are more effective and successful. This certificate will provide you with the knowledge you need to lead in a rapidly changing world and to benefit from the diverse backgrounds of members of your organization, customers and stakeholders.

Project Management Consulting

Refine your negotiation and persuasion talents and learn key project management methodologies and frameworks so that you can improve your positioning for successful consulting and project-management careers. This certificate will also help fulfill the 35-hour education requirement for the Project Management Professional (PMP) certification.



BENTLEY UNIVERSITY

GRADUATE CERTIFICATES

On-Demand Learning for In-Demand Skills

Bentley University's graduate certificates are designed to meet the needs of the modern workforce. Students spend one night each week online in a virtual classroom with Bentley faculty and master's students. They take less than one year to complete and equip students with the real-world skills and expertise that employers are in need of, for the jobs of today and tomorrow.

	GRADUATE CERTIFICATE	CERTIFICATE GAINED SKILLS	COURSE	STACKS TO*
ANALYTICS AND TECHNOLOGY	Foundations of Data Analytics	Python, SQL, Data Architecture, Machine Learning	■ CS 602 Data-Driven Development with Python	MBA MSBA
			■ CS 605 Data Management and SQL for Analytics	
			■ CS 650 Data Analytics Architectures with Big Data	
			■ CS 733 AI Techniques and Applications	
ANALYTICS AND TECHNOLOGY	Managing With Analytics	SQL, Data Processing, Data-Driven Decision Making, Information Visualization	■ CS 605 Data Management and SQL for Analytics	MBA MSBA
			■ CS 753 Business Intelligence Methods and Technologies	
			■ IPM 652 Managing with Analytics	
			■ HF 730 Visualizing Information	
ANALYTICS AND TECHNOLOGY	Cybersecurity Risk Management	Network Security, Data Privacy, System Architecture, Information Systems	■ CS 607 Cybersecurity	MBA MSBA
			■ IPM 723 Information Security, Controls and Ethics	
			■ CS 610 Enterprise Architecture	
			■ AC 730 Business Processes and Systems Assessment	
ANALYTICS AND TECHNOLOGY	Data Science Essentials	Statistical Analysis, Data Visualization, Optimization Techniques, Data Measurement	■ ST 625 Quantitative Analysis for Business	MBA MSBA
			■ MA 705 Data Science	
			■ MA 610 Optimization and Simulation for Business Decisions	
			■ GR 521 Managerial Statistics	
FINANCE AND ACCOUNTING	ESG Investment Management	Portfolio Optimization and Management, Financial Analysis, Financial Modeling, ESG Integration	■ FI 623 Investments	MBA MSBA MSF
			■ FI 799 ESG Investing	
			■ FI 650 Quant Portfolio Management	
			■ FI 640 Equity Valuation	
FINANCE AND ACCOUNTING	Fundamentals of Audit and Risk Assurance	Risk Management and Assessment, Information Systems, Internal Audit, IT Audit & Governance	■ AC 730 Business Processes and Systems Assessment	MBA MSA
			■ AC 744 Internal Auditing	
			■ AC 742 Information Technology Auditing	
MANAGEMENT AND LEADERSHIP	Management Skills for First Time Managers	Collaboration, Negotiation, Emotional Intelligence, Verbal and Non-Verbal Communication	■ MG 632 Leading Effective Work Teams	MBA MSBA
			■ MG 635 Negotiating	
			■ MG 630 Emotionally Intelligent Leadership	
			■ IDCC 620 Managerial Communication	
MANAGEMENT AND LEADERSHIP	Project Management Consulting	Negotiation, Task Organization, Management Consulting, Social Influence	■ MG 635 Negotiating	MBA
			■ MG 651 Project Management	
			■ MG 704 Management Consulting Skills	
MANAGEMENT AND LEADERSHIP	Inclusive and Responsible Leadership	Diversity and Inclusion, Equity-Minded Leadership, Social Responsibility, Change Management	■ MG 670 Leading in a Diverse Workplace	MBA MSBA
			■ GR 603 Leading Responsibly	
			■ MG 645 Leading Change	
			■ MG 632 Leading Effective Work Teams	
MANAGEMENT AND LEADERSHIP	Entrepreneurship and Strategic Leadership	Ideation, Design Thinking, Problem Solving, Strategic Thinking, Creativity	■ MG 600 Entrepreneurial Thinking	MBA
			■ MG 652 Strategic Innovation	
			■ MK 758 Enhancing Creativity	

■ Required Course ■ Elective Course *Connect with us to discuss eligibility for stacking a certificate to other graduate degrees.

APPLICATION REQUIREMENTS

- Bachelor's degree from an accredited college or university
- Preferred two years of work experience
- Application fees are waived and GMAT/GRE scores are not required

FOR MORE INFORMATION

bentley.edu/graduate-certificates
 Office of Graduate Admission:
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