Bentley's New Master's in Accounting Degree

Information Session

March 2, 2022

BENTLEY UNIVERSITY

Program Overview

A unique Accounting graduate program providing strong preparation with analytics and information technology.

Allows for more choice and specialization with its 5 concentrations.

The only program in New England to collaborate with KPMG's Data and Analytics Program.

STEM-designated program permits 3 years of OPT for international students.

Common core courses				
Concentrations and Areas of Focus				
Assurance	**Advisory**	**Corporate Financial Reporting**	**Analytics**	**Information Systems**

• External Audit
• Internal Audit
• Other Assurance services
• Compliance
	• Risk Advisory Services
	• Fraud and Forensics
	• Valuation
	• Transaction Advisory Services
	• Compliance
		• Financial Reporting
		• Accounting Consulting
		• CFO Preparedness
		• Treasury
		• Accounting/Tax
		• Compliance
			• Accounting Analytics
			• Audit Analytics
			• Tax Data Analytics
			• Analytics Advisory
			  • Modeling
			  • Programming
			  • Statistics
				• Technology Expertise
				• Consulting
				• Risk Advisory Services Support
				• ERP Audit and implementation
				• Compliance
				• Privacy and Security

Electives				

MS in ACCOUNTING PROGRAM

Example

Curriculum: Master of Science in Accounting

MASTER OF SCIENCE IN ACCOUNTING: ADVISORY
Effective September 2022
(30-36 credits)

Pre Program Foundation Courses
(6 credits)

Course	Title	Prerequisite
GR 521	Managerial Statistics	None
GR 524	Accounting for Decision Making	None

Accounting Core Foundation Courses
(12 Credits)

Students who have completed equivalent coursework to the *Accounting Core Foundation* may substitute electives for these courses. Course equivalency is evaluated during the admission process and students are notified with their admission letter.

Course	Title	Prerequisite
AC 611	Financial Accounting I	GR524
AC 730	Business Processes & Controls Assessment	None
AC 793	Ethics, Judgment and Decision Making	AC 611
AC 799A	Data Analytics for Accounting	GR 521 & GR 524

Advisory Required Courses
(9 Credits)

Course	Title	Prerequisite
AC 773	Fraud and Forensic Accounting	AC 611
AC 799C	Performance Evaluation and Management	AC 611

Select 1 of the following

AC 741	Financial Statement Audit	Pre-Req: AC611 and Pre or Co-Req: AC730
AC 742	Information Technology Audit	AC741
AC 744	Internal Audit	None

Example: Advisory Concentration Electives

Course	Title	Prerequisite
AC 701	Internship in Accounting Practice	3 AC courses
AC 741	Financial Statement Audit	Pre-Req: AC611 and Pre or Co-Req: AC730
AC 742	Information Technology Audit	AC741
AC 744	Internal Audit	None
AC 753	Tax Factors in Business Decisions	AC750 or TX 601
AC 772	Principles of Fraud Investigation	AC611
AC 781	International Dimensions of Accounting	AC611
CS 605	Data Management & SQL for Analytics	
CS 607	Cybersecurity	None
FI 631	Financial Modeling	None
GR 604	Global Strategy	FI625 or AC612
IPM 723	Information Security, Controls and Ethics	Instructor Permission
IPM 740	Enterprise Systems Planning and Configuration	None
MG 638	Corporate Governance	AC730 or GR602
MG 704	Management Consulting Skills	None
		None

	Current MSA	Assurance Concentration	Corporate Financial Reporting Concentration		Current MSAA	Analytics Concentration
Pre-Program requirements	GR 521	GR 521	GR 521		GR 521	GR 521
	GR 525 (GR524 is prereq)	GR 524	GR 524		AC 611	GR 524
	GR 522				AC 612	
					AC 730	
					AC 741	
					IDCC 620	
Foundation/required for program	AC 611	AC 611	AC 611		CS 605	AC 611
	AC 612	AC 730	AC 730		IPM 652	AC 730
	AC 621	AC 793	AC 793		ST 625	AC 793
		AC 799A Data Analytics for Accounting	AC 799A Data Analytics for Accounting			AC 799A Data Analytics for Accounting
Core/required for concentration	AC 730				AC 742	AC 741/742/744
	AC 741	AC 741			AC 777	AC 777
	AC 750	AC 750/754	AC 750/754		FI 631	CS 602
	AC 793				MA 705	CS 605
		AC 742	AC 612		ST 635	IPM 652
			AC 621			

Current MSA Program Changes

Pre-Program requirements (waivable)

- GR 521 Managerial Statistics
- GR 522 Economic Environment of the Firm
- GR 525 Financial Statement Analysis for Decision Making

Accountancy Foundation (or substitute electives)

- AC 611 Financial Accounting Problems I
- AC 612 Financial Accounting Problems II
- AC 621 Managerial Accounting (new title)

- Accountancy Core
  - AC 730 Business Processes and Systems Assessment
  - AC 741 Financial Statement Audit
  - AC 750 Federal Income Taxation
  - AC 793 Professional Accounting Research and Policy

Current MSA Program Elective Changes

- AC 701 Internship in Accounting Practice
- AC 713 Advanced Topics in Financial Accounting
- AC 714 Business Reporting and Analysis
- AC 731 Financial Information Systems (new title)
- AC 742 Information Technology Audit
- AC 744 Internal Audit
- AC 753 Tax Factors in Business Decisions

- AC 754 Accounting for Income Taxes
- AC 771 Governmental Accounting, Reporting and Auditing
- AC 772 Principles of Fraud Investigation
- AC 773 Fraud and Forensic Accounting
- AC 781 International Dimensions of Accounting
- One elective can be from outside AC
- AC 799A Data Analytics for Accounting
- AC 799B Advanced Data Analytics for Accounting
- AC 799C Performance Evaluation and Management

Current MSAA Program Changes

- Pre-Program requirements (waivable)
  - GR 521 Managerial Statistics
  - AC 611 Financial Accounting Problems I
  - AC 612 Financial Accounting Problems II
  - AC 730 Business Processes and Systems Assessment
  - AC 741 Financial Statement Audit
  - IDCC 620 Managerial Communication or IDCC 711 Argumentation Strategies for Business

Analytics Core

CS 605 Data Management and SQL for Analytics

IPM 652 Managing with Analytics

ST 625 Quantitative Analysis for Business **OR AC 799A Data Analytics for Accounting**

NOTE: Must be taken in pairs: ST 625/635 OR AC 799A/799B

Accounting Analytics Core

AC 742 Information Technology Audit

AC 777 Accounting Analytics in Practice

FI 631 Financial Modeling

MA 705 Data Science

ST 635 Intermediate Statistical Modeling for Business **OR AC 799B Advanced Data Analytics for Accounting**

Current MSAA Program Elective Changes

- AC 701 Internship in Accounting Practice
- AC 731 Financial Information Systems (new title)
- AC 772 Principles of Fraud Investigation
- AC 773 Fraud and Forensic Accounting
- AC 793 Professional Accounting Research and Policy
- AC 799C Performance Evaluation and Management

- CS 602 Data-Driven Development with Python
- CS 603 Object-Oriented Application Development
- CS 650 Data Management Architectures
- CS 733 Artificial Intelligence Techniques and Applications
- CS 753 Business Intelligence Methods and Technologies
- IPM 723 Information Security, Controls and Ethics
- IPM 740 Enterprise Systems Planning and Configuration
- MA 707 Introduction to Machine Learning

Questions?