

# ACCOUNTING (ACCT)

## Courses

### ACCT 505 ACCOUNTING ESSENTIALS (1.5)

Introduces students to the basics of corporate financial reporting and financial statement analysis from the manager's perspective. Emphasizes the analysis of financial statements and provides an overview of U.S. Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS) rules for most critical accounting items.

### ACCT 510 INTERMEDIATE ACCOUNTING I (3)

The first course of the three-semester sequence of intermediate financial accounting. This course focuses on a comprehensive review of issues related to the reporting and analysis of financial accounting information. Topics include financial accounting standard setting, the conceptual framework underlying financial accounting, balance sheet and income statement presentations, revenue and expense recognition, and accounting for current assets and current liabilities. Data analytics and visualization are integrated into the course. Prerequisite: program admission or permission of the program director.

### ACCT 511 INTERMEDIATE ACCOUNTING II (3)

This class is the second course of the three-semester sequence of intermediate financial accounting. This course focuses on issues related to the reporting and analysis of financial accounting information. The objective in this course is to examine in detail (with an emphasis on both the "what" and the "why") of the following financial topics: (1) operational assets, (2) time value of money, (3) bonds and long-term notes, (4) leases, and (5) employee benefits and pensions. Prerequisite: program admission or permission of the program director.

### ACCT 512 AUDITING/ACCOUNTING INFORMATION SYSTEMS (3)

Introduces the students to the study of auditing. Topics covered include professional standards, professional ethics, audit planning, internal control, audit evidence, completing the audit, audit reports, and standards for different assurance and non-assurance services. Prerequisites: ACCT 511 or equivalent, or permission of the program director.

### ACCT 513 INTERMEDIATE ACCOUNTING III (3)

This is the third course in a three-course sequence for accounting majors. A comprehensive view of financial accounting concepts and principles, an intensive look at the nature and determination of the major financial statements, and an examination of current accounting practice, theory, and literature of computerized and non-computerized systems. Topics include shareholders' equity, investments, accounting for income taxes, earnings, per share, accounting changes and error analysis, and statement of cash flows. Prerequisite: program admission or permission of the program director.

### ACCT 601 FORENSIC ACCOUNTING PRINCIPLES (3)

Provides students with an overview of the field of forensic accounting focusing on the roles, responsibilities and requirements of a forensic accountant in both litigation and fraud engagements. This course examines basic litigation and fraud examination theory, identifies financial fraud schemes, explores the legal framework for damages and fraud and damage assessments and methodologies, and reviews earning management and financial reporting fraud. Other topics include computer forensics and corporate governance and ethics. Actual litigation and fraud cases are used to highlight the evolving roles of forensic accounting. University of Baltimore course provided as part of the joint Accounting and Business Advisory Program.

### ACCT 605 PERFORMANCE MANAGEMENT AND ACCOUNTING CONTRLS (3)

Focuses on how managers can use accounting information in the budgeting process to assist them in planning, controlling, and making decisions. Introduces students to internal controls, corporate governance, and enterprise risk management. Prerequisite: ACCT 505 or permission of the MBA program director.

### ACCT 611 DATA SCIENCE TOOLKIT I (1.5)

Will introduce the basis of using the python programming language in data science, specifically to collect and manipulate data in preparation for exploratory data analysis and prediction. No prior programming experience is required. Topics will include python data structures, program logic and libraries, as well as data wrangling and data management. Types of data sources covered will include databases as well as unstructured data sources such as social media feeds. Prerequisites: program admission, or permission of the program director.

### ACCT 612 DATA SCIENCE TOOLKIT II (1.5)

The effectiveness of business analytics depends on the quality of the data fed into the analytics models used. Data scientists can spend as much as 60% of their time cleaning and organizing data. This course focuses on preparing data for analytics tasks, to improve the accuracy and reliability of the results. Using python students will learn to "wrangle" (clean, transform, merge and reshape) data. Techniques will include data parsing, data correction, and data standardization. Prerequisite: ACCT 611.

### ACCT 624 FINANCE AND ACCOUNTING ANALYTICS (3)

Focuses on data analytics and information technology applications in accounting. This course is intended to provide students with an understanding of data analytics thinking and terminology as well as complete projects utilizing data analytics tools and techniques. Prerequisite: program admission or approval of program director.

### ACCT 630 CONTEMPORARY ISSUES IN FINANCIAL ACCOUNTING (3)

Theoretical and conceptual foundations of generally accepted accounting principles and practices as well as certain other principles and practices not generally accepted. Recent and current literature is studied to provide coverage of the basic postulates, assumptions and standards underlying the measurement criteria and practices of financial accounting. Prerequisites: undergraduate degree in accounting and program admission.

**ACCT 635 FINANCIAL STATEMENT ANALYSIS (3)**

Explores theoretical and conceptual foundations of generally accepted accounting principles. Integrates U.S. generally accepted accounting principles to develop students' understanding of financial statement analysis. Case materials and financial statements of U.S. and international companies are incorporated. Topics include standard setting, financial statement presentation issues, measurement issues (including fair value accounting) and classification and recognition issues. Prerequisites: ACCT 505 or equivalent, or permission of the program director.

**ACCT 650 LAW AND PROFESSIONAL RESPONSIBILITY (3)**

Provides a rigorous overview of theoretical and practical aspects of Law, Regulation, and Professional Responsibilities for Certified Public Accountants. The course covers legal issues pertaining to agency, contracts, debtor creditor relationships, securities and employment law. The course also covers ethical and professional standards for certified public accountants. This course is not available for students who have previously taken LEGL 226 Business Law or equivalent. Prerequisite: program admission or permission of the program director.

**ACCT 655 TAX POLICY (3)**

The evolution and structure of the federal income-tax system from a public policy perspective. Focus is placed on legal, economic, social and practical considerations. Alternatives, including current legislative proposals, are considered. Students prepare a research paper on a topic related to tax policy. University of Baltimore course provided as part of the joint Accounting and Business Advisory Program.

**ACCT 680 TAXATION OF ENTITIES (3)**

Students develop skills to examine and evaluate data and problems in the context of the income tax law related to C corporations, S corporations, partnerships, trusts and estates, and using judgment to draw conclusions, demonstrate and apply tax concepts and the income tax law to compute and minimize tax liability, analyze the interrelationships of separate areas of taxation to identify causes and find evidence to support inferences, use tax research databases to find evidence to support conclusions on tax issues, and prepare an income tax return using tax return preparation software. Prerequisite: program admission or permission of the program director.

**ACCT 695 INDEPENDENT RESEARCH IN ACCOUNTING (1-3)**

Individual and supervised research in selected areas of accounting. May be repeated for a maximum of 6 units. Prerequisites: program admission and approval of program director.

**ACCT 697 GRADUATE ACCOUNTING INTERNSHIP (3)**

Students work on assigned projects within an actual accounting environment. Grade requirements include a work supervisor evaluation, a research paper and a journal detailing the work experience. Prerequisites: program admission and approval of program director.

**ACCT 701 ACCOUNTING ETHICS (3)**

Considers business ethics issues within an accounting context from a multiple stakeholder perspective. Ethical theories, codes of ethics relevant to accountants, corporate governance and professional and corporate social responsibility are covered. The course emphasizes the application of concepts such as professionalism, integrity, independence, and objectivity to individual decision making. Prerequisite: program admission or permission of program director.

**ACCT 702 FEDERAL AND STATE GOVERNMENT ACCOUNTING (3)**

Covers the basics of federal, state and local (municipal) accounting with particular focus on fund accounting and issues specific to the accounting by the US Federal Government. The course coverage will roughly approximate the curriculum of Parts II and III of Exam II of Certified Government Financial Manager examination. Prerequisite: program admission or permission of the program director.

**ACCT 712 INTERNATIONAL FINANCIAL REPORTING (3)**

Covers accounting differences across countries. Contrasts International Financial Reporting Standards (IFRS) versus U.S. GAAP and discusses the implications of these different standards based on qualitative characteristics of accounting information and relevant theories. Prerequisites: undergraduate degree in accounting and program admission.

**ACCT 720 DESIGN OF MANAGERIAL COST AND CONTROL SYSTEMS (3)**

Using data analytics techniques, applies theoretical knowledge to practical applications. Examines both the conventional and more recent advanced cost systems, such as activity-based costing, in many different environments. Through the analysis of the problems associated with identifying cost drivers, the determination of the allocation of costs, and the transfer of costs, students will gain an appreciation of the importance of managerial decision-making process using advanced data analytics techniques. Prerequisite: program admission or permission of the program director.

**ACCT 722 VISUAL BUSINESS INTELLIGENCE (3)**

Will introduce students to the use of data visualization and visual business intelligence in a business environment. Students will develop a framework and language for analyzing and critiquing the visualization of data and learn to use data visualizations to effectively support decision making. Topics will include data abstraction and validation, and how to handle different types of data, dataset, and attribute types. Students will use software tools to create visualizations. Prerequisite: ACCT 612 or permission of the program director.

**ACCT 730 FINANCIAL STATEMENT ANALYTICS AND VALUATION (3)**

Focuses on financial statement analytics, i.e., detailed analyses of cash flow, income recognition, profitability analysis, risk analysis, forecasts and projections. Students will develop risk adjusted rates of return, and valuation techniques using asset based, income based, and market based approaches. By the end of the course, students should be able to use financial statements to develop to analyze company performance and make reasonable valuation estimates. Prerequisites: undergraduate degree in accounting and program admission; or consent of instructor.

**ACCT 740 ADVANCED TOPICS IN ASSURANCE SERVICES (3)**

A study of auditing and other assurance services with an emphasis on auditing data analytics techniques and tools, such as Alteryx, Tableau, IDEA, Power BI or Python. Special emphasis is given to auditing analytics techniques, assessing risk, developing a planned response, obtaining evidence, forming conclusions, and reporting. Analytics techniques are applied to financial statements, complex accounting estimates, and reasonableness. The course also examines the application of data analytics techniques in the context of other types of assurance services including governmental audits. Prerequisites: program admission or permission of the program director.

**ACCT 750 FORENSIC ACCOUNTING (3)**

Forensic accounting is an interdisciplinary study of social learning/ process theories, accounting, law, the systems of internal controls, evidence gathering, interpersonal skills, communication skills and information technology skills. This course provides foundation knowledge about fraud prevention, detection and investigation for an accountant. Prerequisites: undergraduate degree in accounting and program admission; or consent of instructor.

**ACCT 752 ADVANCED TOPICS IN ACCOUNTING SYSTEMS (3)**

An exploration of advanced accounting information system topics such as ERP Systems, E-Business applications, AI Implementation, Blockchain and Cybersecurity. Prerequisites: program admission or permission of the program director.

**ACCT 755 GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING (3)**

Advanced study of generally accepted accounting principles and procedures of governmental units and not-for-profit organizations, emphasizing current issues, external financial reporting and the relevant authoritative accounting pronouncements. Topics include characteristics and types of not-for-profit organizations, accounting and reporting entity, fund accounting, budgetary accounts, contributions received and made, investments and the encumbrance system. University of Baltimore course provided as part of the joint Accounting and Business Advisory Program.

**ACCT 770 SEMINAR IN CURRENT TOPICS IN ACCOUNTING (3)**

A study of current developments and contemporary problems in accounting. Topics vary from year to year. A significant research project is a key component of the course. May be repeated for a maximum of 6 units. Prerequisites: undergraduate degree in accounting and program admission and ACCT 630; or consent of instructor.

**ACCT 780 SUSTAINABILITY ACCOUNTING (3)**

Sustainability accounting concerns the process of identifying, measuring and reporting the entities' impact on the planet with a focus mainly on the environmental impact. Determining how different entities affect the environment, measuring that impact and deciding what, how and who to report this impact to, are all part of the course. Will cover topics dealing with greenhouse gas emission, trading and sustainability investing. Prerequisites: undergraduate degree in accounting and program admission and ACCT 630; or consent of instructor.

**ACCT 797 SPECIAL TOPICS IN ACCOUNTING (3)**

Specialized topics in accounting, allowing flexibility for both the changing developments in accounting and the educational needs of students. Exact topics and prerequisite structure appear in the schedule of classes. Prerequisite: ACCT 640 or area approval. University of Baltimore course provided as part of the joint Accounting and Business Advisory Program.

**ACCT 799 INDIVIDUAL RESEARCH (1-3)**

Prerequisite: approvals of accounting instructor and chair of accounting department. University of Baltimore course provided as part of the joint Accounting and Business Advisory Program.