

## ACCOUNTING AND FINANCE

Chair: Stephen J. Bukowy

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The objective of the B.S. in Accounting is to prepare graduates for entry level positions whether in Public, Corporate, or Governmental Accounting or to continue further study in graduate school. The course offerings provide students with the knowledge and requirements to sit for the CPA exam in North Carolina upon graduation. In addition to the University graduation requirements, all Accounting majors must attain an overall 2.00 QPA in the courses listed below under Accounting Requirements.

The Finance Track within the Bachelor of Business Administration offers proficiencies and research capabilities needed for careers in the banking and insurance sectors and in securities markets, as well as careers as financial managers, financial analysts, and personal financial advisors. Both tracks offer equip students with means of success in pursuing graduate degrees. The Finance track is available for traditional (face-to-face) and fully online modes of delivery.

### BACHELOR OF SCIENCE IN ACCOUNTING

Requirements for a Bachelor of Science in Accounting	Sem. Hrs.
Freshman Seminar and General Education, including: MAT 1070 and 2150 or 2210, ECN 2020, 2030	45
General Business Requirements BUS 1001-1006, DSC 2090, BLAW 2150, 3180; ACC 2270, 2280; DSC 3130, 3140; MGT 3030, 3060; MKT 3120, FIN 3100, ECN 3010 or ECN/FIN 3040; ACC 4130; MGT 4660	42
Accounting Requirements ACC 3210, 3220, 3310, 4170, 4180, 4210, 4500, 4580	24
Electives	9
	<b>Total:120</b>

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Requirements for a Bachelor of Science in Business Administration— Finance Track	Sem. Hrs.
Freshman Seminar and General Education, including: MAT 1070 and 2150 or 2210; ECN 2020, 2030	45
BSBA Common Body of Knowledge BUS 1001-1006, DSC 2090, BLAW 2150; ACC 2270, 2280; DSC 3130, 3140; MGT 3030, 3060; MKT 3120, FIN 3100; ECN 3010 or ECN/FIN 3040; ITM 3010; MGT 4410, 4660; and ONE of the following six courses to satisfy the School's international requirement: BLAW 3160, ECN 2410, ECN 4400, FIN 4210, MGT 3150, or MKT 3130*	45
Track—Finance (FIN) FIN 3040*, 4100, 4180, and one additional 3000- or 4000-level finance course (FIN or FINS)	12
*ECN 3040/FIN 3040 cannot be taken as part of the BSBA Common Body of Knowledge	
Business Electives (3000 or 4000 level)	6
General Electives	12
	<b>Total:120</b>

\*A study-abroad program approved by the department chair and the dean/assistant dean may replace this requirement. FIN track students may not use FIN 4210 to fulfill this requirement.

**NOTE:** In addition to the University graduation requirements, all B.S. in Business Administration–Finance Track majors must attain an overall 2.00 QPA in the 12 semester hours listed above to fulfill the finance track.

### Minor in Finance

<b>Requirements for a Minor in Finance</b>	<b>Sem. Hrs.</b>
Required Courses: ECN 2030; DSC 1590 or 2090; FIN 2050, 2400, 3000, and 3210	18
	<b>Total: 18</b>

### Minor in Quantitative Finance

<b>Requirements for a Minor in Quantitative Finance</b>	<b>Sem. Hrs.</b>
Required Courses: ECN 2030; MAT 2150 or 2210; DSC 1590 or 2090; DSC 3130 or MAT 2100; FIN 3000, 3040*, and 3210	22
	<b>Total: 22</b>

\*FIN 3040 can be substituted for ECN 3040

## COURSES

### ACCOUNTING (ACC)

#### ACC 1020. Accounting for Non-Business Majors (3 credits)

This course is designed to develop an understanding of the basics of accounting: what accounting information is, how it is developed, how it is used, and what it means.

#### ACC 2270. Financial Accounting (3 credits)

Introduction to accounting. A study of the basic accounting equation, transaction analysis, and financial statements. PREREQ: DSC 2090 or 1590 and MAT 1070 or higher mathematics course.

#### ACC 2280. Managerial Accounting (3 credits)

An introductory study of internal accounting with emphasis on cost analysis and budgeting. The course stresses the attention-directing and problem-solving function of accounting in relation to current planning and control, evaluation of performance, special decisions, and long-range planning. PREREQ: A "C" or better in ACC 2270.

#### ACC 3210. Intermediate Accounting I (3 credits)

A study of financial accounting theory and procedures. Includes time value of money and in-depth analysis of asset accounts. PREREQ: A "C" or better in ACC 2270.

#### ACC 3220. Intermediate Accounting II (3 credits)

A continuation of ACC 3210. Includes in-depth study of liability and capital accounts, revenue recognition. PREREQ: ACC 3210.

#### ACC 3310. Cost Accounting (3 credits)

Cost determination and analysis, cost control, and cost-based decision making. Included are such topics as job order and process costing systems, application of factory overhead, and responsibility accounting. PREREQ: A "C" or better in ACC 2280.

#### ACC 4130. Accounting Information Systems (3 credits)

Basic concepts of accounting information systems including both computer based and manual systems. This course examines transaction processing systems with emphasis on internal controls and documentation, user support systems and systems development. Specific topics include spreadsheet functions, databases, etc. PREREQ: DSC 2090 and ACC 3310 or concurrent registration.

#### ACC 4170. Income Tax I (3 credits)

Federal income taxes as applied to individuals and sole proprietorships. Includes an overview of the tax system and the effect that tax law has on individual economic decisions. PREREQ: ACC 2270.

**ACC 4180. Income Tax II (3 credits)**

Federal income tax laws applicable to partnerships, corporations, estates, and trusts. PREREQ: ACC 4170.

**ACC 4210. Advanced Accounting (3 credits)**

Mergers and acquisitions accounting as well as preparation of consolidated statements after acquisition. Special accounting problems in consolidated financial statements, partnerships, pension funds, fund accounting, and fiduciary accounting. PREREQ: ACC 3220.

**ACC 4500. Governmental and Not-For-Profit Accounting (3 credits)**

Study of accounting principles unique to not-for-profit organizations as prescribed by generally accepted accounting principles and the Governmental Accounting Standards Board. PREREQ: A "C" or better in ACC 2280.

**ACC 4580. Auditing (3 credits)**

A study of the theory and application of generally accepted auditing standards used in the examination of financial statements. The role of internal control review, working papers, audit programs, and the auditor's liability are considered along with selected case studies. PREREQ: ACC 3220.

**ACC 4990. Directed Studies in Accounting (1-3 credits)**

Independent study in an area of accounting of particular interest to a student under the direction of one or more faculty members. Students must submit detailed proposals for a directed study, detailing the proposed plan of study, research involved, dates for deliverables, final product to be produced, and faculty who will be supervising. Proposals will be reviewed by a faculty committee to determine acceptance of the proposal. PREREQ: ACC 2270, ACC 2280, and permission of the Department.

**ACCS 4xxx. Special Topics in Accounting (3 credits)**

The study of a particular topic of special importance, relevance, and currency in the field of accounting. The content of the special topics course varies with each offering. Course may be repeated as long as topic being studied is different. PREREQ: ACC 2270, ACC 2280.

**BUSINESS LAW (BLAW)****BLAW 2150. Business Law and Ethics (3 credits)**

The legal environment of business, contracts, personal property, commercial transactions, and forms of business organization.

**BLAW 3160. International Business Law (3 credits)**

This course will introduce students to the legal mechanics of international business transactions and to the commercial law environment within which those transactions are negotiated and executed. The course will focus on the trade and investment activities of business entities, examining in a practical way the legal documentation necessary to execute various types of transactions and issues that the international lawyer and business person are likely to confront. PREREQ: MGT 2150.

**BLAW 3180. Commercial Law (3 credits)**

Study of the commercial legal environment in which business enterprises operate. Examines the law of contracts, sales and warranties, security interests, commercial paper, and debtor and creditor rights. PREREQ: BLAW 2150.

**FINANCE (FIN)****FIN 2050. Personal Finance (3 credits)**

Course focuses on tools consumers can use in making purchase decisions. Topics include planning and managing personal finances, credit, insurance, real estate, financial investments, retirement planning and estate planning.

**FIN 2400. Foundations of Finance (for Non-Business Majors) (3 credits)**

Foundations of Finance offers a concise yet comprehensive survey approach to finance that provides students with the opportunity to understand what finance is all about. The course, intended for non-

business majors, introduces the three main areas of finance—markets, investments, and financial management. Topics include banks and financial institutions, interest rate and the saving process, time value of money, introduction to bonds and stocks, financial data analysis and long term financial planning, and overview of capital budgeting. MAT 1050 and a financial calculator are recommended.

**FIN 3000. Finance for Small and Entrepreneurial Businesses (3 credits)**

Small Business and Entrepreneurial Finance takes a three-pronged stage-sensitive approach to introduce financial thinking, tools, and techniques adapted to the realm of entrepreneurship and small business ownership. The course emphasizes the differences between large corporations and Small and Medium Enterprises (SMEs) relative to funding, risk assessment, and management. Topics include introduction to financial tools, financial markets and instruments, and management of short terms assets and liabilities. Analysis of bootstrapping strategies in estimating financial resource requirement is followed by a comprehensive discussion of sources of funds for small businesses in the development, startup, and survival stages of the entity's life cycle (including Small Business Administration programs), and in later stages of life, entrepreneurial venture growth capital, harvesting the venture investment and turnaround opportunities or liquidation under financial distress.

**FIN 3040. Money, Financial Markets, and Institutions (ECN 3040) (3 credits)**

Study of money, financial institutions and markets and their roles in the economy. Coverage includes organization and functions of financial intermediaries, structure of financial markets and financial instruments, application of time value of money to bond pricing and yield calculations, algebraic approach to the supply and demand for money and interest rate determination, term- and risk structures of interest rates, the Keynesian macroeconomic model, and the algebraic approach to analyzing the effects of money and credit on national income, prices, and interest rates. While this course is substantially the same as ECN 3040 and covers the same set of topics, it places more emphasis on the structure and functions of financial institutions and instruments and the role they play in guiding resources within the economy. PREREQ: A "C" or better in MAT 2150 or 2210 and in ECN 2030.

**FIN 3050. Risk Management and Insurance (3 credits)**

This course provides for the future business manager an introduction to the nature and management of risk. Theory and application into the nature of risk, exposure, insurance, and hedging are covered. Insurance is covered from the point of view of the business person, to be a smart consumer of insurance services; as well as from the point of view of a potential insurance industry representative or executive. PREREQ: FIN 3100, DSC 3130.

**FIN 3100. Business Finance (3 credits)**

Principles of financial management as they apply to American business organizations. The role of finance and the financial manager, risk, return and interest rates, long-term investment decisions, cost of capital, and short and long term financing decisions. PREREQ: A "C" or better in ACC 2270, DSC 3130 or equivalent statistical course, and MAT 1070 or a higher-level mathematics class.

**FIN 3210. Financial Analysis with Spreadsheet Applications (3 credits)**

FIN 3210 employs spreadsheets as a management tool for financial analysis by taking an integrative view that promotes integration across financial functions and responsibilities within a business. Topics include analyzing income statements, balance sheets, and cash flow statements, performing vertical and horizontal analyses of financial statements, determining financial ratios and analyzing their trends and significance, and combining quantitative and judgmental techniques to improve forecasts of sales revenues and customer demands. Spreadsheet software will be used in the course as an analytical tool. PREREQ: DSC 1590 or DSC 2090 and FIN 3000.

**FIN 3500. Survey of Ethics in Economics and Finance (ECN 3500) (3 credits)**

A survey of the emerging field of Financial Ethics. This course will provide an overview of ethical theory and decision making, explore some of the possible sources of ethical conflicts in economics and finance, study the practice of ethical decision making in the fields of finance and economics, and employ case studies to practice methods for determining ethical decision making in financial management, investments, and financial institutions.

**FIN 4100. Financial Management (3 credits)**

Finance from the viewpoint of the financial manager. This course introduces and utilizes the case study method to explore differences in financial policy, financial statements for ratio analysis, capital budgeting investment decisions, and strategic bond and stock valuations. PREREQ: A “C” or better in FIN 3100.

**FIN 4180. Investment Analysis and Portfolio Management (3 credits)**

Equity and debt securities as investments, the organization and functions of the capital market, and the analysis and evaluation of securities and portfolios. PREREQ: A “C” or better in FIN 3100.

**FIN 4200. Bank Management and Policy (3 credits)**

Course focuses on the theory and practice of management of commercial banks and other depository institutions. Primary emphasis is on the application of concepts and analytical tools crucial to decisions facing managers of contemporary banks. Areas covered include financial and portfolio management, deposit acquisitions, capital adequacy, managerial objectives, market and regulatory environment, and dimensions of risk. PREREQ: A “C” or better in FIN 3100.

**FIN 4210. International Finance (3 credits)**

This course will provide the student with a comprehensive survey of complex financial concepts as applied to the international arena, through the exploration of theoretical constructs and their practical applications. Topics explored include the international macroeconomic environment, international financial landscape, and the management of the multinational firm. PREREQ: FIN 3100, DSC 3130, MAT 2150 or 2210.

**FIN 4800. Financial Institution Internship (1-3 credits)**

A work experience in a bank or financial institution where the student, under academic and employer supervision, participates in actual managerial functions and is exposed to the daily operation, decisions and working policies of the bank (minimum of 40 work hours per semester credit hour required). Students must keep an extensive diary of work experiences and submit frequent reports to the academic supervisor. Pass/Fail. May be repeated for credit. PREREQ: A “C” or better in FIN 3100 and the consent of Dean or faculty member supervising bank internships.

**FIN 4990. Directed Studies in Finance (1-3 credits)**

Independent study in an area of finance of particular interest to a student under the direction of one or more faculty members. Students must submit detailed proposals for a directed study, detailing the proposed plan of study, research involved, dates for deliverables, final product to be produced, and faculty who will be supervising. Proposals will be reviewed by a faculty committee to determine acceptance of the proposal. PREREQ: A “C” or better in FIN 3100 and permission of the Department.

**FINS 4xxx. Special Topics in Finance (3 credits)**

The study of a particular topic of special importance, relevance, and currency in the field of finance. The content of the special topics course varies with each offering. Course may be repeated as long as topic being studied is different. PREREQ: A “C” or better in FIN 3100 or permission of the instructor.

**INFORMATION TECHNOLOGY MANAGEMENT (ITM)****ITM 3010. Management Information Systems (3 credits)**

Introductory examination of the role of information systems in the support of managerial decisions. Communications theory, electronic storage systems, data base accumulation. PREREQ: DSC 2090, MGT 3060.

**ITM 3100. Basic Application Development (3 credits)**

This course is an introduction to the Visual Basic.NET language within the Visual Studio.NET integrated application development environment. The course covers the fundamentals of programming in a visual, object-oriented language and focuses on common programming methodologies and basic application development skills.

**ITM 3200. E-Commerce (3 credits)**

This course is designed to help business students increase their knowledge in E-Commerce so that they may better understand how organizations can successfully operate their businesses online. Specific topics to be addressed include business models, technical infrastructure, software procurement strategies, customer interaction, and the implementation of customer-centric systems. PREREQ: A “C” or better in ITM 3010.

**ITM 3500. Database Management Systems (3 credits)**

In this course, students will investigate application development in a business database environment with an emphasis on designing, modifying, and querying databases. In this course students will develop an understanding of database technology, database design, database selection and acquisition. Decision-making using databases will be covered. Overviews of emerging trends in data management will be covered. PREREQ: A “C” or better in ITM 3010 or ACC 4130.

**ITM 3700. Enterprise Business Systems (3 credits)**

Enterprise Business Systems provide information management and analysis to organizations. This course provides the student with an overview of Enterprise Business Systems. Topics covered will include functional systems, cross-functional systems, CRM, MRPII/ERP, SCM. PREREQ: A “C” or better in ACC 2280, ITM 3010, and MKT 3120.

**ITM 4100. System Analysis and Design (3 credits)**

An introduction to systems thinking and the systems analysis process. The emphasis will be on traditional analysis, design, and implementation through the data flow analysis and systems development life-cycle approaches. Student teams will perform system studies of real-world problems and develop potential solutions. PREREQ: A “C” or better in ITM 3500; ITM 3100 is recommended.

**ITM 4400. Project Management (3 credits)**

This course is designed to provide knowledge of business project management in general and information technology project management in specific. It explores the dimensions and elements of project management; concepts, methodologies, strategies, and structures. Attention will also be given to cost controls, teamwork, and quality management. PREREQ: A “C” or better in ITM 3010 or ACC 4130.

**ITM 4600. Systems Security, Reliability, and Privacy (3 credits)**

This course develops the student’s ability to comprehend, communicate, and apply current electronic commerce developments as a professional involved in designing, building, or managing information and accounting systems. Topics include the number-one topic of concern for businesses using E-business applications: transaction security and privacy. In addition, reliability of information systems as well as business decisions required to implement, plan, and support an electronic commerce endeavor are presented. PREREQ: A “C” or better in ITM 3500.

**ITM 4800. Information Technology Management Internship (1-3 credits)**

A work experience in an operating business where the student, under academic and employer supervision, participates in actual information technology managerial functions (40 work hours per semester credit hour required). Student must keep an extensive diary of work experiences and submit frequent reports to academic supervisor. PREREQ: A “B” or better in ITM 4100 and 4400.

**ITM 4950. Advanced Information Technology Management (3 credits)**

This course emphasizes the management of information technology and related resources from a broad strategic perspective. Topics covered include assessment of information technologies and their fit to organizational structure, tracking emerging technologies and trends, managing portfolio resources and matching them to business needs, technology transfer, end-user computing, outsourcing, theoretical models, strategic applications, and strategic IT planning. PREREQ: A “C” or better in FIN 3100, ITM 3010 and 4400.

**ITM 4990. Directed Studies in Information Technology Management (1-3 credits)**

Independent study in an area of ITM of particular interest to a student under the direction of one

or more faculty members. Students must submit detailed proposals for a directed study, detailing the proposed plan of study, research involved, dates for deliverables, final product to be produced, and faculty who will be supervising. Proposals will be reviewed by a faculty committee to determine acceptance of the proposal. PREREQ: A “C” or better in ITM 4100 and 4400.

**ITMS 4xxx. Special Topics in Information Technology Management (3 credits)**

The study of a particular topic of special importance, relevance, and currency in the field of Information Technology Management. The content of the special topics course varies with each offering. PREREQ: A “C” or better in ITM 3010.