

# SCHOOL OF ACCOUNTING, FINANCE AND INFORMATION SYSTEMS

## Undergraduate Programs

### MAJORS

- Accountancy (<http://catalog.oregonstate.edu/college-departments/business/accountancy-bs-hbs/>)
  - Options:**
    - Accounting Information Systems*
    - Dean's Academy*
    - International Business*
- Business Information Systems (<http://catalog.oregonstate.edu/college-departments/business/business-information-systems-ba-bs-hba-hbs/>)
  - Options:**
    - Dean's Academy*
    - International Business*
- Finance (<http://catalog.oregonstate.edu/college-departments/business/finance-ba-bs-hba-hbs/>)
  - Options:**
    - Dean's Academy*
    - International Business*

### MINOR

- Finance (<http://catalog.oregonstate.edu/college-departments/business/finance-minor/>)

### CERTIFICATE

- Accounting (<http://catalog.oregonstate.edu/college-departments/business/accounting-certificate/>)

## Graduate Programs

### MAJOR

- Accountancy (<http://catalog.oregonstate.edu/college-departments/business/accountancy-mac/>)

### CERTIFICATE

- Financial Planning (<http://catalog.oregonstate.edu/college-departments/business/finance-planning-graduate-certificate/>)

### Accounting (ACTG)

## ACTG 317, EXTERNAL REPORTING I, 4 Credits

Examines the theory and practice of financial accounting, the processing and controls phases of the accounting system, and reporting to external parties. Emphasis is placed on the accounting cycle and financial statement structure and content. The emphasis on the accounting cycle includes the processing and tracing of transaction data from source documents to financial statements.

**Prerequisite:** (BA 211 with C or better or BA 211H with C or better) and (BA 213 [C] or BA 213H [C])

**Equivalent to:** BA 317

## ACTG 318, EXTERNAL REPORTING II, 4 Credits

Continuation from ACTG 317 and the theory and practice of financial accounting and the reporting to external parties. Covers financial reporting objectives to provide information that is useful in investment and credit decisions, in assessing cash flow prospects, and about company resources and claims to those resources.

**Prerequisite:** ACTG 317 with C or better

**Equivalent to:** BA 318

## ACTG 319, EXTERNAL REPORTING III, 4 Credits

Continuation from ACTG 318 and the theory and practice of financial accounting and the reporting to external parties. Covers financial reporting objectives to provide information that is useful in investment and credit decisions, in assessing cash flow prospects, and about company resources and claims to those resources.

**Prerequisite:** ACTG 318 with C or better

**Equivalent to:** BA 319

## ACTG 321, COST MANAGEMENT I, 4 Credits

Reinforces and builds on the language and concepts of management accounting. Emphasizes different models for product costing and examines their effects on profit planning, budgeting, motivation, and control.

**Prerequisite:** ACTG 317 with C or better

**Equivalent to:** BA 321

## ACTG 326, ACCOUNTING RESEARCH METHODS AND TOPICS, 2 Credits

Covers the theory and practice of corporate financial reporting. It highlights the development of generally accepted accounting principles (GAAP) and accounting policy choices from two perspectives. First, it examines accounting policy making at the macro (standard setter) level, as well as to examine the past, present, and future role of standard setters in formulating accounting policy. Second, from the micro or company level, it will use cases involving decisions in financial reporting to evaluate accounting conventions, particularly with regard to how those decisions reflect economic reality and the quality of earnings. It will also conduct applied accounting research.

**Prerequisite:** (BA 211 with C or better or BA 211H with C or better) and (BA 213 [C] or BA 213H [C])

## ACTG 378, ACCOUNTING INFORMATION MANAGEMENT, 4 Credits

Introduces students to the field of information management. Topics include information systems technology, the strategic role of IT, the business applications of networks, databases and Internet technologies, the system life cycle model, systems analysis and design methodologies, and the development and implementation of information systems. Lec/rec.

**Prerequisite:** (BA 213 with C or better or BA 213H with C or better) and (BA 270 [C] or BA 270H [C] or BA 302 [C]) and (BA 275 [C] or BA 275H [C] or BA 276 [C])

**Equivalent to:** ACTG 378H, BA 378

## ACTG 378H, ACCOUNTING INFORMATION MANAGEMENT, 4 Credits

Introduces students to the field of information management. Topics include information systems technology, the strategic role of IT, the business applications of networks, databases and Internet technologies, the system life cycle model, systems analysis and design methodologies, and the development and implementation of information systems. Lec/rec.

**Attributes:** HNRS – Honors Course Designator

**Prerequisite:** (BA 213 with C or better or BA 213H with C or better) and (BA 270 [C] or BA 270H [C] or BA 302 [C]) and (BA 275 [C] or BA 275H [C] or BA 276 [C])

**Equivalent to:** ACTG 378

## ACTG 379, ACCOUNTING ANALYTICS, 4 Credits

Covers the analysis of data as it pertains to accounting professionals. The focuses include analytic techniques for decision making and the examination of “big data” involving accounting information. Hands-on experiences will develop skills with select software tools used in data analytics for accounting professionals.

**Prerequisite:** ACTG 318 with C or better and (ACTG 378 [C] or ACTG 378H [C])

## ACTG 405, READING & CONFERENCE, 1-6 Credits

*This course is repeatable for 12 credits.*

## ACTG 414, FORENSIC ACCOUNTING, 2 Credits

Explores the forensic accountant's role in today's economy. Topics covered include fraud detection and fraud investigation techniques, valuation of closely held businesses, lost profits analyses, and various types of litigation support services. Fundamental legal concepts governing expert witness testimony are also examined, and students are required to quantify economic damages in cases.

**Prerequisite:** ACTG 319 with C or better

## ACTG 415, GOVERNMENTAL AND NOT-FOR-PROFIT, 2 Credits

Introduction to accounting and financial reporting for governmental and not-for-profit organizations. Topics include state, local and federal governmental accounting, including fund accounting and reporting, and accounting for not-for-profit hospitals, universities, and health/welfare organizations.

**Prerequisite:** ACTG 319 with C or better

## ACTG 416, ACCOUNTING RESEARCH AND ANALYSIS, 2 Credits

Covers the theory and practice of corporate financial reporting. It highlights the development of generally accepted accounting principles (GAAP) and accounting policy choices from two perspectives. First, it examines accounting policy making at the macro (standard setter) level as well as to examine the past, present, and future role of standard setters in formulating accounting policy. Second, from the micro or company level it will use cases involving decisions in financial reporting to evaluate accounting conventions, particularly with regard to how those decisions reflect economic reality and the quality of earnings. It will also conduct applied accounting research.

**Prerequisite:** ACTG 319 with C or better

## ACTG 417, ADVANCED ACCOUNTING, 4 Credits

An advanced course in financial accounting theory. Covers corporate combinations, consolidated financial statements, and government and not-for-profit accounting.

**Prerequisite:** ACTG 319 with C or better

**Equivalent to:** BA 417

## ACTG 420, IT AUDITING, 4 Credits

Explores key information systems issues such as planning, acquisition, delivery, and monitoring from a risk and control perspective. Students learn to use IT audit standards, guidelines, and frameworks and build data analysis tool skills.

**Prerequisite:** (ACTG 319 with C or better or BA 372 with C or better) and ACTG 378 [C]

**Equivalent to:** BA 420

## ACTG 422, STRATEGIC COST MANAGEMENT, 4 Credits

Continuation of concepts and processes of management accounting. Emphasizes relevant costs, cost accumulation and allocation, segment performance measurement and control and quantitative techniques.

**Prerequisite:** ACTG 319 with C or better and ACTG 321 [C] and BA 357 [C]

**Equivalent to:** BA 422

## ACTG 424, TAXATION I, 4 Credits

Covers concepts related to business taxation and focuses primarily on 1) basic income tax law as it relates to businesses, 2) the role of income taxes in decision making processes, and 3) basic income tax research. In addition, the course is intended to assist students in preparation to become a professional, and thus contains components designed to aid in the development of technical, analytical, problem-solving and communication skills.

**Prerequisite:** ACTG 319 with C or better

**Equivalent to:** ACTG 325

## ACTG 425, ADVANCED TAXATION, 4 Credits

Examination of the federal tax system as it applies to corporations, partnerships, and estates and trusts. Emphasis is placed on understanding tax planning for business owners and refining the ability to research tax issues.

**Prerequisite:** ACTG 424 with C or better

## **ACTG 427, ASSURANCE AND ATTESTATION SERVICES, 4 Credits**

Assertions of enterprises gain credibility when examined by an independent third party. Assurance and attestation provide credibility. Coverage includes ethics, risk, materiality, internal control, evidence and reporting.

**Prerequisite:** ACTG 319 with C or better

**Equivalent to:** BA 427

*Available via Ecampus*

## **ACTG 428, ADVANCED AUDIT ANALYTICS, 4 Credits**

An advanced four-credit course covering audit theory, current audit practice and auditor professional skills. The equivalent of three credits (30 hours) relates to in-class activities, readings, presentations, research and group discussions of relevant advanced audit topics. The equivalent of one credit (10 hours) relates to understanding the use and future of data analytics in the audit profession. Theory, current audit practice and auditor professional skills.

**Prerequisite:** ACTG 427 with C or better

## **ACTG 429, TOPICS IN ACCOUNTING, 1-4 Credits**

Analysis of current topics in accounting. Topics will vary from term to term.

**Equivalent to:** BA 429

## **ACTG 516, ACCOUNTING RESEARCH AND ANALYSIS, 3 Credits**

Emphasis on financial accounting, tax and auditing research and analysis and communication of conclusions in the context of accounting case studies.

## **ACTG 517, ADVANCED ACCOUNTING, 4 Credits**

An advanced course in financial accounting theory. Corporate combinations, consolidated financial statements, foreign operations and subsidiaries, partnerships, and sole proprietorships; contemporary issues in financial accounting.

**Equivalent to:** BA 517

**Recommended:** ACTG 319

## **ACTG 518, ACCOUNTING THEORY AND PRACTICE I, 3 Credits**

Expands and integrates knowledge of US and international generally accepted accounting principles (GAAP) in a rigorous study of the design, selection, and consequences of various models of financial reporting.

**Prerequisite:** (ACTG 516 with C or better and ACTG 517 [C])

## **ACTG 519, ACCOUNTING THEORY AND PRACTICE II, 3 Credits**

Study of the design, selection, and consequences of various models of financial reporting. Research accounting treatments for complex facts and circumstances with ambiguous accounting guidance. Build on financial reporting models to develop in-depth understanding and application of accounting practice.

**Prerequisite:** ACTG 518 with C or better

## **ACTG 520, IT AUDITING, 4 Credits**

Explores key information systems issues such as planning, acquisition, delivery, and monitoring from a risk and control perspective. Students learn to use IT audit standards, guidelines, and frameworks and build data analysis tool skills.

**Recommended:** (ACTG 319 or BA 372) and ACTG 378

## **ACTG 522, STRATEGIC COST MANAGEMENT, 4 Credits**

Continuation of concepts and processes of management accounting. Emphasizes relevant costs, cost accumulation and allocation, segment performance measurement and control and quantitative techniques.

**Recommended:** ACTG 319, ACTG 321 and BA 357

## **ACTG 524, INTRODUCTION TO TAXATION, 4 Credits**

Meets two major objectives. First, it is a technical introduction to U.S. income tax with emphasis on general and business related topics.

Second, it provides a framework for students to launch further study in the tax area. Students will be encouraged to supplement text materials with readings from the Internal Revenue Code and Regulations as well as secondary tax research services.

**Prerequisite:** BA 528 with C or better

## **ACTG 525, ADVANCED TAXATION, 4 Credits**

Examination of the federal tax system as it applies to corporations, partnerships, and estates and trusts. Emphasis is placed on understanding tax planning for business owners and refining the ability to research tax issues.

**Recommended:** ACTG 424

## **ACTG 527, ASSURANCE AND ATTESTATION SERVICES, 4 Credits**

Assertions of enterprises gain credibility when examined by an independent third party. Assurance and attestation provide credibility. Coverage includes ethics, risk, materiality, internal control, evidence and reporting.

**Equivalent to:** BA 527

**Recommended:** ACTG 319

## **ACTG 529, TOPICS IN ACCOUNTING, 1-4 Credits**

Analysis of current topics in accounting. Topics will vary from term to term.

**Equivalent to:** BA 529

## **ACTG 620, FOUNDATIONS OF ACCOUNTING RESEARCH, 3 Credits**

Introduces first-year doctoral students to accounting research by discussing the development of modern accounting theory, relating it to theories in economics and finance, and exposing students to the different areas of and methodologies used in accounting research. Also begins a survey of classic and contemporary literature in the area of financial accounting research. Specific financial accounting topics may change from quarter to quarter, but sample topics include earnings management, earnings quality, and voluntary disclosure.

## **ACTG 621, FINANCIAL ACCOUNTING RESEARCH, 3 Credits**

Surveys classic and contemporary research in the area of financial accounting. Specific topics may change from quarter to quarter, but sample topics include the value relevance of accounting information, post earnings announcement drift, the residual income model, analysts' use accounting information, and market-based assessments of the usefulness and limitations of alternative accounting measurements and disclosures.

## **ACTG 622, ACCOUNTING, JUDGMENT AND ACCOUNTABILITY, 3 Credits**

Surveys classic and contemporary research in areas related to management, judgment, and accountability in accounting. Specific topics may change from quarter to quarter, but sample topics include research on management incentives and compensation, performance measurement, auditing, corporate governance, and research using behavioral methods.

## **ACTG 623, TAX RESEARCH, 3 Credits**

Surveys classic and contemporary research in the area of taxation. Specific topics may change from quarter to quarter, but sample topics include tax vs. nontax costs in business decisions, book-tax differences, taxes and financial reporting, multijurisdictional tax issues, and tax avoidance.

### **Finance (FIN)**

## **FIN 341, INVESTMENTS, 4 Credits**

Risk and reward characteristics of investments; sources of investment information; domestic and international security markets; investment characteristics of common stocks, debt securities, convertible securities, option contracts, and investment companies; real property investment; economic market analysis; technical market analysis; tax aspects of investments; and investment management.

**Prerequisite:** BA 240 with C or better or BA 240H with C or better or BA 360 with C or better or BA 360H with C or better or FIN 340 with C or better or FIN 340H with C or better

**Equivalent to:** BA 341

## **FIN 342, ADVANCED FINANCIAL MANAGEMENT, 4 Credits**

Capital market theory and the valuation of risky assets, capital budgeting, valuing the firm's securities, capital structure theory, long-term financing alternatives, cost of capital, dividend policy, working capital management, financial analysis and planning, mergers, and takeovers.

**Prerequisite:** FIN 340 with C or better or FIN 340H with C or better or BA 240 with C or better or BA 240H with C or better or BA 360 with C or better or BA 360H with C or better

**Equivalent to:** BA 342

## **FIN 434, CFA PREPARATION, 2-4 Credits**

Provides students with structure and guidance in their preparation for the Chartered Financial Analyst (CFA) Level exam. Students systematically prepare for and are tested on the 18 sections of the exam.

**Equivalent to:** BA 434

*This course is repeatable for 4 credits.*

## **FIN 437, APPLIED PORTFOLIO MANAGEMENT, 2 Credits**

Hands-on experience of managing two investment portfolios. Each member in the Oregon State Investment Group (OSIG) should act as a financial analyst to analyze a chosen company by performing the Discounted Cash Flow (DCF) or Residual Income Model (RIM), the relative valuation, and the SWOT analyses. The weekly seminar offers opportunities for students to present their analyses and offer comments and suggestions to other's presentations.

**Equivalent to:** BA 437

## **FIN 438, APPLIED PORTFOLIO MANAGEMENT II, 1 Credit**

Each student will act as a financial analyst to analyze a chosen company using models learned in FIN 437. Provides students with an opportunity to practice security valuation and get familiar with the tools. In addition, this course will focus on various measures of portfolio performance.

**Prerequisite:** FIN 437 with C- or better or BA 437 with C- or better

**Equivalent to:** BA 438

## **FIN 439, APPLIED PORTFOLIO MANAGEMENT III, 1 Credit**

Each student will act as a financial analyst to analyze a chosen company using models learned from FIN 437. Provides students additional opportunity to practice security valuation and strengthen their understanding of the tools. In addition, this course will introduce ways to develop an efficient portfolio.

**Prerequisite:** FIN 437 with C- or better or BA 437 with C- or better

**Equivalent to:** BA 439

## **FIN 440, FIXED INCOME SECURITIES, 4 Credits**

Provides students with intermediate knowledge of fixed income assets, interest rate and interest rate theory, the tools for estimating values, and managing portfolios of fixed income assets. The course can also serve as a partial coverage of material expected of applicants planning on seeking the Certified Financial Analyst designation.

**Prerequisite:** FIN 341 with C- or better

## **FIN 441, FINANCIAL INSTITUTIONS, 4 Credits**

Introduction of markets and institutions that form the economic system of trading financial and real assets both domestically and internationally. The introduction of concepts of financial theory, institutional detail, regulatory environments, and the history of financial markets. Topics include legal, ethical, technological, and global issues facing financial managers, markets, and institutions.

**Prerequisite:** BA 240 with C or better or BA 240H with C or better or BA 360 with C or better or BA 360H with C or better or FIN 340 with C or better or FIN 340H with C or better

**Equivalent to:** BA 441

## **FIN 442, FINANCIAL STATEMENT ANALYSIS, 4 Credits**

Student develop the understanding and skill to use financial statements for investment decisions, credit decisions, performance analysis, and forecasting. Three main topic areas: analysis overview, accounting analysis, and financial analysis.

**Prerequisite:** FIN 342 with C- or better

**Equivalent to:** BA 435

## **FIN 443, PORTFOLIO MANAGEMENT, 4 Credits**

An introduction to the construction, revision, and performance evaluation of financial asset portfolios.

**Prerequisite:** FIN 341 with C- or better or BA 341 with C- or better

**Equivalent to:** BA 443

## **FIN 444, FINANCIAL RISK MANAGEMENT, 4 Credits**

Investigation of financial hedging activities for corporations and financial institutions using futures, options, and other derivative securities. Identification of risk attributes, valid hedging rationales, and management of hedging programs.

**Prerequisite:** FIN 341 with C- or better

**Equivalent to:** BA 444

## **FIN 445, INTERNATIONAL FINANCIAL MANAGEMENT, 4 Credits**

International monetary environment; foreign exchange risk management; source and availability of funds to finance trade and multinational operations; taxation planning and control; international portfolio diversification; international banking; capital budgeting; political risk evaluation of performance.

**Prerequisite:** FIN 341 with C- or better and FIN 342 [C-] and (FIN 440 [C-] or FIN 442 [C-] or FIN 443 [C-] or FIN 444 [C-] or FIN 499 [C-])

**Equivalent to:** BA 445

## **FIN 499, SELECTED TOPICS IN FINANCE, 1-4 Credits**

Examination of the impact of recent advances in finance on contemporary business. Topic will vary from term to term.

*This course is repeatable for 16 credits.*

## **FIN 542, INVESTMENTS, 3 Credits**

Introduction to the tools and concepts of security analysis and investments; basic security types, including stocks, bonds, options and futures, respective markets and to how these securities are traded; fundamental valuation techniques and theory for stocks and bonds.

**Recommended:** BA 360

## **FIN 543, PORTFOLIO MANAGEMENT, 4 Credits**

An introduction to the construction, revision, and performance evaluation of financial asset portfolios.

**Prerequisite:** FIN 542 with C or better

## **FIN 544, FINANCIAL RISK MANAGEMENT, 4 Credits**

Investigation of financial hedging activities for corporations and financial institutions using futures, options, and other derivative securities. Identification of risk attributes, valid hedging rationales, and management of hedging programs.

**Equivalent to:** BA 544

**Recommended:** FIN 542

## **FIN 545, INTERNATIONAL FINANCIAL MANAGEMENT, 3 Credits**

International monetary environment; foreign exchange risk management; source and availability of funds to finance trade and multinational operations; taxation planning and control; international portfolio diversification; international banking; capital budgeting; political risk evaluation of performance.

**Prerequisite:** BA 540 with B- or better

**Equivalent to:** BA 545

**Recommended:** FIN 341 and FIN 342 and (FIN 440 or FIN 442 or FIN 443 or FIN 444 or FIN 499)

## **FIN 546, ADVANCED CORPORATE FINANCE, 3 Credits**

The second course in the Corporate Finance sequence. Examines corporate payout policies and capital structure choices, choices in debt financing, financial planning and working capital management, and valuation of projects using a real-options approach.

**Prerequisite:** BA 540 with B- or better

## **FIN 549, MERGERS AND ACQUISITIONS, 3 Credits**

Provides an in-depth examination of the theory and practice of the market for corporate control, primarily focusing on mergers and acquisitions (M&A). The objective of the course is to provide an understanding of how to structure, value, and implement an M&A transaction. Students will be expected to apply the appropriate tools and skills to evaluate M&A transactions.

**Prerequisite:** FIN 546 with B- or better

## **FIN 550, FUNDAMENTALS OF FINANCIAL PLANNING, 4 Credits**

Professional conduct and regulation, general financial planning principles, and education planning.

## **FIN 551, INSURANCE PLANNING AND TAX PLANNING, 4 Credits**

Risk management and insurance planning; tax fundamentals and income tax planning.

**Prerequisite:** FIN 550 with B- or better

## **FIN 552, FINANCIAL PLANNING II, 3 Credits**

Retirement planning; qualified and non-qualified retirement plans; IRAs; legal, tax, financial and non-financial aspects of estate planning; trusts; wills; wealth transfers.

**Prerequisite:** FIN 551 with C or better

## **FIN 553, FINANCIAL PLANNING III, 6 Credits**

Synthesis and integration of financial planning fundamentals to develop a comprehensive financial plan; client communication.

**Prerequisite:** FIN 552 with C or better

## **FIN 599, SELECTED TOPICS IN FINANCE, 1-4 Credits**

*This course is repeatable for 16 credits.*

## **FIN 640, FOUNDATIONS OF FINANCIAL RESEARCH, 3 Credits**

Provides an in-depth introduction to the foundations of financial research with an emphasis on theoretical developments and empirical research methods. Specific topics may change from quarter to quarter, but sample topics include theory of the firm, capital structure theory, dividend policy, and event study methodology.

## **FIN 641, CORPORATE FINANCE SEMINAR, 3 Credits**

Survey classic and contemporary research in the area of corporate finance. Specific topics may change from quarter to quarter, but sample topics include capital structure, dividend policy, agency theory, adverse selection and signaling, and non-cooperative games with and without complete information.

## **FIN 642, CAPITAL MARKETS, 3 Credits**

Surveys research on capital markets. Specific topics may change from quarter to quarter, but sample topics include asset pricing models, efficient markets vs behavioral finance, market volatility, volume, new issues market, and emerging markets.