ACCOUNTING AND INFORMATION SYSTEMS

Undergraduate Program Information

The Bachelor of Accountancy degree is available to students choosing accounting as a major. The curriculum is designed to prepare you for the excellent opportunities that exist in public accounting practice and in business, government, and nonprofit organizations. It is also appropriate for those who may choose to seek either the Master of Accountancy or the Master of Business Administration degree after graduation.

The Information Systems program has a focus on cybersecurity that prepares you for a variety of administrative and technical positions associated with the security of information systems. Potential employers include information systems service organizations, public accounting/consulting firms, manufacturing and merchandising business, banks and other financial institutions, government and others that rely on information systems to support their business.

Graduate Program Information

The last two decades have witnessed a tremendous expansion in the knowledge base required for accounting professionals. The business environment has become increasingly complex, as evidenced by the growth in the body of national and international accounting and auditing standards, taxation, SEC and other regulatory requirements. The accountant must also be well versed in communications and analytical skills, computer-based information systems, professional ethics and global issues.

Neither the traditional four-year accounting program nor the MBA provides the educational breadth and depth necessary to fully prepare students for the demands now imposed by many accounting careers. The major objective of the Master of Accountancy (MAcc) program is to provide for these increased educational needs and to prepare students more adequately for careers as professional accountants in financial institutions, government, not-for-profit organizations, and public practice. The program is designed to provide a technical and theoretical foundation in accountancy at the advanced level and yet allow the student to take courses to accommodate individual needs.

Degrees for the Department

Bachelor Degrees

Accounting - Bachelor of Accountancy

Information Systems - Bachelor of Business Administration

Master Degree

Accounting - Master of Accountancy

Minors for the Department

Undergraduate

Accounting - Undergraduate Minor

Enterprise Systems - Undergraduate Minor

Information Systems - Undergraduate Minor

Graduate

Information Systems - Graduate Minor

Associate Professor, Kevin Melendrez, Ph.D., Department Head

Professors: Mora; Associate Professors: Billiot, Clemons, Joo, Melendrez. Assistant Professors: Arslan, Ewing, Fuqua, Shen, Zhang; College Assistant Professor: Hamilton, Mitchell, Shindi, Taylor; Emeritus Professor: Foster, Mills, Oliver, Scribner, Seipel, Tunnell

F. Arslan, Ph.D. (Texas - El Paso) - information systems; M. J. Billiot, D.B.A. (Mississippi State) - managerial and financial accounting; R. Clemons, Ph.D. (Texas A&M) - taxation; R. Ewing, Ph.D. (Kentucky) - C.P.A., C.M.A. - managerial accounting; T. Foster (emeritus), Ph.D. (Penn State); D. Fuqua, Ph.D. (New Mexico State) - supply chain optimization and big data predictive analytics; P. Hamilton, MBA (New Mexico State); T. Joo, Ph.D. (Arkansas) C.P.A - financial accounting and taxation; K. Melendrez, Ph.D. (Arizona) - financial accounting; S. Mills (emeritus), Ph.D. (Texas Tech) C.P.A.; P. Mitchell, M Acc (New Mexico State) C.P.A.; C. Mora-Monge, Ph.D. (Toledo) - supply chain management, information systems; E. Scribner (emeritus), Ph.D. (Oklahoma State); C.P.A.; C. Seipel (emeritus), Ph.D. (Oklahoma State) - C.P.A., C.F.E.; Z. Shen, Ph.D. (Case Western Reserve University) - information systems; R. Shindi, Ph.D. (New Mexico State) - human-computer interaction; L. Tunnell (emeritus), Ph.D. (Texas Tech) - financial accounting.

Accounting Courses

ACCT 101. Supplemental Instruction to ACCT 221
1 Credit (1)
Collaborative workshop for students in ACCT 221 – Financial Accounting. Course does not count toward departmental degree requirements. May be repeated up to 2 credits. Restricted to Las Cruces campus only.

Corequisite(s): ACCT 221.

ACCT 200. A Survey of Accounting
3 Credits (3)
Emphasis on financial statement interpretation and development of accounting information for management. For engineering, computer science, and other non business majors. Community Colleges only.

Prerequisite: one C S course or consent of instructor.

ACCT 2110. Principles of Accounting I
3 Credits (3)
An introduction to financial accounting concepts emphasizing the analysis of business transactions in accordance with generally accepted accounting principles (GAAP), the effect of these transactions on the financial statements, financial analysis, and the interrelationships of the financial statements.

ACCT 2120. Principles of Accounting II
3 Credits (3)
An introduction to the use of accounting information in the management decision making processes of planning, implementing, and controlling business activities. In addition, the course will discuss the accumulation and classification of costs as well as demonstrate the difference between costing systems.

Prerequisite(s): ACCT 2110.
ACCT 301. Financial Accounting I  
3 Credits (3)  
Concepts, principles, and practices of financial accounting, stressing the determination of income and financial position. A student who does not pass the class within three attempts will not be allowed to take class for a fourth.  
Prerequisite(s): C or better in ACCT 2110 or (OATS 120 and OATS 121) and ACCT 2120.

ACCT 302. Financial Accounting II  
3 Credits (3)  
A continuation of ACCT 301.  
Prerequisite(s): C- or better in ACCT 301.

ACCT 351. Accounting Systems  
3 Credits (3)  
Covers accounting information systems as processors of data for financial reporting and control of economic organizations.  
Prerequisite(s): C or better in ACCT 301.

ACCT 353. Cost Accounting  
3 Credits (3)  
The development and use of cost accounting information for inventory valuation, income determination, and cost control. A student who does not pass the class within three attempts will not be allowed to take class for a fourth.  
Prerequisite(s): C or better in ACCT 2110 or (OATS 120 and OATS 121) and ACCT 2120.

ACCT 403. Federal Taxation I  
3 Credits (3)  
Basic federal income tax laws; emphasis on determination of taxable income of individuals. A student who does not pass the class within three attempts will not be allowed to take class for a fourth.  
Prerequisite(s): C or better in ACCT 2110 or (OATS 120 and OATS 121) and ACCT 2120.

ACCT 451. Auditing Theory and Practices  
3 Credits (3)  
Auditing standards, audit evidence, auditors reports and opinions, and professional responsibilities.  
Prerequisite(s): ACCT 351 and C- or better in ACCT 302.

ACCT 455. Federal Taxation II  
3 Credits (3)  
Federal income tax laws applicable to partnerships, corporations, fiduciaries, tax research, tax planning.  
Prerequisite(s): C- or better in ACCT 403 or consent of instructor.

ACCT 456. Accounting for Nonprofit Organizations  
3 Credits (3)  
Control and reporting problems unique to governmental units and other nonprofit organizations. Fund accounting principles, procedures, and reports.  
Prerequisite(s): C- or better in ACCT 302.

ACCT 458. Accounting Data Analytics  
3 Credits (3)  
Data Analytics in financial and managerial accounting and auditing. Restricted to: Accounting majors.  
Prerequisite(s): C- or Better in ACCT 301, ACCT 302, and ACCT 351.

ACCT 460. Fraud Examination and Prevention  
3 Credits (3)  
Covers business fraud as it is occurring in American society. Emphasis is on occupational fraud and financial statement fraud. Examines various types of fraud, its symptoms and effective investigation techniques. Effective fraud prevention measures are discussed throughout the course. Emphasizes case studies and the application of principles to actual fraud cases.  
Prerequisites: a C- or better in ACCT 451 or concurrent enrollment.

ACCT 490. Selected Topics  
1-3 Credits  
Current topics in accounting. Prerequisites vary according to the seminar offered. May be repeated for a maximum of 12 credits under different subtitles.

ACCT 498. Independent Study  
1-3 Credits  
Individual studies directed by consenting faculty with the prior approval of the department head. May be repeated up to 3 credits. Consent of Instructor required.  
Prerequisite(s): Consent of instructor.

ACCT 500. Concepts in Accounting  
1 Credit (1)  
Development, interpretation, and use of accounting information for financing, investing, operating, and managerial decision making.  
Prerequisite(s): Admitted to MBA program.

ACCT 503. Accounting for Managers  
3 Credits (3)  
Concepts and principles of financial and managerial accounting. Presents techniques used to measure business transactions, prepare financial statements, techniques for management decision-making, planning, and control. Not open to MAcc students.  
Prerequisite(s): B or better in both ACCT 2110 or (OATS 120 and OATS 121) and ACCT 2120.

ACCT 510. Technical and Professional Communication for Accountants  
3 Credits (3)  
Effective writing strategies for professional communications. Students will learn to write with a professional style and proper English usage and to work with a variety of technical and lay audiences. Emphasis on initiation, planning, composition, and evaluation of business and accounting workplace scenarios to develop communication skills used in a business environment. Restricted to: Master of Accountancy majors.

ACCT 530. Advanced Accounting  
3 Credits (3)  
This course is designed to provide in-depth study of current financial accounting concepts related to business combinations, financial statement consolidations, and foreign currency transactions and translations. Restricted to: Master of Accountancy majors.  
Prerequisite(s): ACCT 302 with a grade of C or better.

ACCT 544. Financial Statement Analysis and Valuation  
3 Credits (3)  
Valuation of firms using financial information, financial statement analysis, and the valuation of individual assets and liabilities. Restricted to: Master of Accountancy majors.  
Prerequisite(s): Acct 302; Graduate students only.
ACCT 550. Special Topics
3 Credits (3)
Seminars in current topics in various areas of accounting including financial, managerial, auditing, taxation, systems, and fund accounting. Prerequisites vary according to topic being offered.

ACCT 551. Advanced Auditing Theory and Practice
3 Credits (3)
Understanding and evaluating internal control in an EDP environment. Statistical sampling applications and current issues in auditing. Restricted to: Master of Accountancy majors.
Prerequisite(s): ACCT 451.

ACCT 555. Federal Tax Research
3 Credits (3)
Tax research methodology including case materials, critical judicial decisions, journal articles, and research services. Emphasis on tax planning. Restricted to: Master of Accountancy majors.
Prerequisite(s): ACCT 403.

ACCT 559. Ethics and Professionalism in Accounting
3 Credits (3)
Introduction to ethical reasoning, integrity, objectivity, independence, and professional accounting issues. Students will apply the concepts and theories to accounting-specific cases. Restricted to: Master of Accountancy majors.
Prerequisite(s): C or better in ACCT 451.

ACCT 560. Taxation of Corporations and Shareholders Advanced
3 Credits (3)
Effects of taxation on the organization, operation, and reorganization of corporations and on their shareholders. Restricted to: Master of Accountancy majors.
Prerequisite(s): ACCT 403.

ACCT 564. Financial Accounting Research
3 Credits (3)
Interpretation and application of accounting principles to financial reporting issues of business and nonbusiness organizations. Consent of Instructor required. Restricted to: Master of Accountancy majors.
Prerequisite(s): ACCT 302.

ACCT 570. Taxation of Partnerships
3 Credits (3)
Taxation of partnership contributions and distributions, transfer of partnership interests, and allocations of partnership income. Also includes taxation of S corporations. Restricted to: Master of Accountancy majors.
Prerequisite(s): ACCT 403.

ACCT 580. Professional Accountancy
3 Credits (3)
Prepares students for the accounting profession and professional certification through study of a wide range of topics similar to those a student might encounter in their first year of employment. Restricted to: Master of Accountancy majors.

ACCT 598. Independent Study
1-3 Credits
Individual studies directed by consenting faculty with prior approval of the department head. A maximum of 3 credits may be earned.
Prerequisite: consent of instructor.

ACCT 599. Master's Thesis
15 Credits
Thesis.