

ACCOUNTING

For undergraduate curriculum in business, major in accounting.

The curriculum in accounting is accredited by AACSB International, the Association to Advance Collegiate Schools of Business.

The primary purpose of accounting is to provide relevant information to both internal users (management) and external users such as investors, creditors, government, and the general public. Accounting is an integral part of the management of business and public organizations. Accountants, therefore, participate in planning, evaluating, controlling, and reporting the activities of the firm. Accounting is needed by external users in order to make investment decisions, to grant or withhold credit, and in the case of government, to collect revenue and gather statistical information. In order to provide useful information, accountants collect, analyze, synthesize, and report data in an understandable manner.

The instructional objective of the Accounting Program is to provide a well-rounded professional education in accounting. Such an education should provide the student with:

1. a mastery of basic accounting concepts
2. an ability to think critically and creatively about accounting problems
3. an ability to communicate effectively and work with others as a member of a team
4. an awareness and sensitivity for dealing with ethical concerns.

The major in accounting is designed to give students a conceptual foundation as well as to provide a wide range of basic skills and analytical tools for use in reporting for both public and private concerns. Students who complete the accounting major are well prepared to accept positions in industry, government, and the public accounting profession.

The requirements for the accounting major are met by successful completion of the following courses:

ACCT 383	Intermediate Managerial Accounting	3
ACCT 384	Accounting Information Systems	3
ACCT 386	Intermediate Accounting I	3
ACCT 387	Intermediate Accounting II	3
ACCT 485	Principles of Federal Income Tax	3
ACCT 497	Introduction to Auditing	3
ACCT 498	Capstone in Accounting	2
Three credit hours of electives chosen from the following:		3
ACCT 483	Advanced Managerial Accounting	
ACCT 484	Advanced Accounting Information Systems	
ACCT 487	Volunteer Income Tax Assistance	
ACCT 488	Governmental and Non-profit Institution Accounting	
ACCT 495	Advanced Accounting Problems	
ACCT 496	International Accounting	

See the CPA note below for the 150-hour education requirement for CPA certification in Iowa.

In addition, it is highly recommended that an accounting major include ACCT 316 Business Law. The Department of Accounting should be consulted for information on specific alternative plans of study.

The department also offers a minor for College of Business students with a different major. They are required to take 15 credits from a list of approved courses, of which 9 credits need to stand alone.

CPA Note: The accounting major requires 24 credits of accounting beyond principles. This satisfies the State of Iowa CPA exam requirement. ACCT 316 Business Law is also highly recommended; please note this class does not count towards the aforementioned 24 hours required to sit for the exam. While students may sit for the CPA exam in Iowa after completing the required accounting course work and earning a bachelors degree, CPA candidates must complete a total of 150 credits in order to be certified or licensed to practice in Iowa. Qualified students should consider taking the Masters of Accounting to satisfy the 150-credit requirement. Juniors and seniors in accounting who are interested in graduate study should contact the Coordinator of the M.Acc. Program as early as possible to complete their graduate degree in an efficient manner. Students planning certification outside Iowa must check local rules, as each state determines its own exam qualification and licensing requirements.

Freshman

Fall	Credits Spring	Credits
BUSAD 102 (or 103X)	1 ECON 102	3
ECON 101	3 MATH 151 [#]	3
COM S 113X	3 BUSAD 250	3
ENGL 150	3 International Perspective [@]	3
MATH 150 [#]	3 Social Science	3
LIB 160	1	
	14	15

Sophomore

Fall	Credits Spring	Credits
BUSAD 203	1 ACCT 215	3
SP CM 212	3 PHIL 230	3
STAT 226	3 Core Block Courses ^{##}	6-7
ENGL 250	3 MIS 207 or Elective [%]	3
ACCT 284	3	
Natural Science	3	
	16	15-16

Junior

Fall	Credits Spring	Credits
STAT 326 or Elective [%]	3 Core Block Courses ^{##}	6
Core Block Courses ^{##}	6 Elective	1-3
Humanities	3 Major Courses	6-9
US Diversity	3	
	15	13-18

Senior

Fall	Credits Spring	Credits
ENGL 302	3 MGMT 478	3
Social Science	3 Electives	4-5
Global Perspective	3 Major Courses	6
Major Courses	6 Humanities	3
	15	16-17

Total Credits: 119-126

[#] Students majoring in Business Economics (BUSEC) will take MATH 160 and ECON 207 instead of MATH 150 and MATH 151.

- @ Courses in these requirements may be also used as Global Perspective, Humanities or Social Science.
- % Students in the Management Information Systems major (MIS) will take MIS 207 instead of an elective. Students in Accounting, Finance, or Business Economics majors will take STAT 326 instead of an elective.
- ## Core Block Courses: Students take the Core Block Courses containing their MAJOR core course first. All Blocks must be completed prior to taking MGMT 478 in the last semester.
BLOCK A: ACCT 285, ACCT 301, MIS 301
BLOCK B: FIN 301 and SCM 301
BLOCK C: MGMT 370 and MKT 340

Professional Program Requirements:

1. Completion of 30 credits, Foundation Courses, ENGL 150, and all ENGL 101/99 courses if required.
2. A minimum GPA of 2.50 either cumulative or in the Foundation Courses.

Graduation Requirements:

1. Grade of "C" or higher in at least 30 credits of Core and Major courses.
2. 42 credits of 300+ level courses.
3. 50% of required Business courses must be earned at ISU.
4. At least 32 credits and the LAST 32 credits must be earned at ISU.
5. 122 Credits minimum and a Cumulative GPA of at least 2.00
6. Grade of "C" or higher in 2 of the 3 required ENGL courses.

Graduate Study

The department offers a graduate degree, the masters of accounting (M.Acc.). This is a 30-hour degree. The program requires 15 hours of graduate accounting courses, ENGL 507 Writing and Analyzing Professional Documents or its equivalent, at least 9 hours of non-accounting graduate electives, and an international course from an approved list. Included in the 15 required hours of graduate accounting courses are two 3-credit required courses, ACCT 583 Advanced Managerial Accounting, and ACCT 598 Financial Accounting: Theory and Contemporary Issues.

The M.Acc. is appropriate for accounting undergraduate students wanting to pursue a variety of accounting careers. The M.Acc. program is an efficient way for qualified candidates to meet the 150-hour education requirement for CPA certification in Iowa. Students without an accounting degree will be required to complete a substantial amount of accounting coursework prior to being considered for admission to the M.Acc. Contact the coordinator of M.Acc. program for details.

The department participates in the full-time and part-time Master of Business Administration (M.B.A.) program. The M.B.A. is a 48-credit, non-thesis, non-creative component curriculum. Thirty of the 48 credits are core courses and the remaining 18 are graduate electives. Within the M.B.A. program, students may develop an area of specialization in accounting. The specialization is designed to help meet the education requirement for CPA certification in Iowa.

Courses primarily for undergraduates:

ACCT 215: Legal Environment of Business

(3-0) Cr. 3. F.S.SS.

Prereq: Sophomore classification

General history, structure, and principles of law. The legal system, as an agency of social control; good business practices, and tool for change. The court systems, Constitution, torts, contracts, administrative agencies, and agency law.

ACCT 284: Financial Accounting

(3-0) Cr. 3. F.S.SS.

Prereq: not open to first term freshmen

Introduction to the basic concepts and procedures of financial accounting from a user perspective. The course examines the accounting cycle, business terminology, basic control procedures, and the preparation and evaluation of financial reports, with an emphasis on financial statement analysis.

ACCT 285: Managerial Accounting

(3-0) Cr. 3. F.S.SS.

Prereq: ACCT 284

Understanding of fixed and variable costs and their role in planning, control and performance evaluation. Examination of alternative costing methods. Making decisions by identifying and developing relevant information. Development of spreadsheet skills.

ACCT 301: The Accounting Cycle

(1-0) Cr. 1. F.S.SS.

Prereq: ACCT 284

Interactive computer-based analysis of the accounting cycle including transactions and financial statements. Preparation of journal entries and adjusting entries and completion of the closing process.

ACCT 316: Business Law

(3-0) Cr. 3. F.S.

Prereq: ACCT 215

Continuation of 215. Sales under the Uniform Commercial Code, negotiable instruments, secured transactions, property transactions, partnerships, and wills and estates.

ACCT 383: Intermediate Managerial Accounting

(3-0) Cr. 3. F.S.

Prereq: ACCT 285 or ACCT 501; and ACCT 301

Generation, communication and use of information to assist management with planning, control, and decision making in manufacturing and service organizations. Includes cost concepts and relevance to decision situations, operational and capital budgeting, and performance evaluation. Emphasis on developing effective teamwork skills as well as spreadsheet capabilities.

ACCT 384: Accounting Information Systems

(3-0) Cr. 3.

Prereq: ACCT 285 or ACCT 501; ACCT 301 and MIS 301

Analysis of concepts and procedures underlying the automated accumulation and processing of accounting data. EDP internal control and audit techniques. Trends in accounting information systems.

ACCT 386: Intermediate Accounting I

(3-0) Cr. 3. F.S.

Prereq: ACCT 285 or ACCT 501 and ACCT 301

The conceptual framework of financial accounting. Communication of financial information on the income and retained earnings statements, statement of cash flows, and the balance sheet. Accounting concepts relating to current and operational assets of the firm. Identification of material differences between US GAAP and International Accounting Standards.

ACCT 387: Intermediate Accounting II

(3-0) Cr. 3. F.S.

Prereq: ACCT 386

Financial accounting and reporting practices for business entities. Generally accepted accounting principles (GAAP) relative to firm liabilities, equity, income, taxes, employee benefits, leases, accounting changes and cash flows. Identification of material differences between US GAAP and International Accounting Standards. Discussion of current issues in financial accounting. Focus on written communication.

ACCT 483: Advanced Managerial Accounting

(Dual-listed with ACCT 583). Cr. 3.

Prereq: ACCT 383 or ACCT 581

Business simulation focusing on generation and communication of information to assist management with financial decision-making. Emphasis on developing teamwork, written communication, and oral presentation skills.

ACCT 484: Advanced Accounting Information Systems

(Dual-listed with ACCT 584). (3-0) Cr. 3.

Prereq: ACCT 384

Advanced accounting information systems concepts; database design and information retrieval, internal controls within computerized accounting information systems, financial reporting in an electronic environment.

ACCT 485: Principles of Federal Income Tax

(3-0) Cr. 3. F.S.

Prereq: ACCT 386 or ACCT 501

Introduction to the fundamentals of federal income taxation and concepts applicable to all tax entities. Addresses issues related to the measurement and recognition of income, deductions, gains, and losses, taxation of property transactions, and basis / cost recovery concepts. Includes coverage of tax law policy objectives, tax implications of business and investment decisions, tax versus financial reporting treatment of common business transactions, and ethical issues related to tax compliance and planning.

ACCT 487: Volunteer Income Tax Assistance

(Dual-listed with ACCT 587). (0-2) Cr. 1. Repeatable, maximum of 3 credits. S.

Prereq: ACCT 285 or ACCT 501

Introduction to and field work in the preparation of individual income tax returns (state and federal). Basic coverage of filing and residency status, taxable income, exemptions, deductions, and credits. Tax software usage and online filing.

ACCT 488: Governmental and Non-profit Institution Accounting

(Dual-listed with ACCT 588). (3-0) Cr. 3.

Prereq: ACCT 387

Accounting and financial reporting principles of local and state governments, including universities, schools, and hospitals. In addition, accounting and financial reporting of non-profit organizations will be addressed. Financial statements of local governmental units and the university are explored.

ACCT 490: Independent Study

Cr. 1-3. Repeatable. F.S.SS.

*Prereq: ACCT 285, senior classification, permission of instructor***ACCT 495: Advanced Accounting Problems**

(Dual-listed with ACCT 595). (3-0) Cr. 3.

Prereq: ACCT 387

Accounting for business combinations and affiliated companies, intercompany transactions, and consolidated financial statements; Partnership accounting; Segment and Interim Reporting; Multinational accounting.

ACCT 496: International Accounting

(Dual-listed with ACCT 596). (3-0) Cr. 3.

Prereq: ACCT 386 or ACCT 501

Financial reporting issues in a global environment, including introduction to International Financial Reporting Standards (IFRS) and the potential for the use of IFRS in the U.S. Accounting and managerial issues faced by multinational corporations. Technical issues such as transfer pricing, inflation accounting and taxation will be discussed.

ACCT 497: Introduction to Auditing

(3-0) Cr. 3. F.S.

Prereq: ACCT 384, ACCT 387 and STAT 326

The conceptual framework of auditing. Professional ethics. External reporting concepts. Audit methodology including risk analysis, internal control, procedures for gathering evidence and the role of statistical sampling in auditing.

ACCT 498: Capstone in Accounting

(2-0) Cr. 2. F.

Prereq: ACCT 383, ACCT 384, ACCT 387, and ACCT 485.

Integrative studies in accounting. Development of critical thinking, ethical reasoning, professional research and teamwork skills. Written, visual, and oral communication with corporate stakeholders.

Courses primarily for graduate students, open to qualified undergraduates:

ACCT 501: Financial Accounting

(3-0) Cr. 3.

Prereq: Enrollment in MBA program or departmental permission

A general introduction to financial accounting information. Topics covered include the use and analysis of financial information, the regulatory environment, the role of International Financial Reporting Standards (IFRS), and the use of the internet and electronic spreadsheets as a means of accessing and analyzing financial data.

ACCT 581: Accounting for Decision Making

(3-0) Cr. 3.

Prereq: ACCT 501 or equivalent

Decision analysis applied to managerial accounting issues. Generation of information for management decision making and control. Responsibility accounting and non-recurring decisions.

ACCT 582: Corporate Governance and Top Management

(Cross-listed with MGMT). (3-0) Cr. 3.

Prereq: MGMT 503 or permission

Duties, structure, and functioning of top management teams and corporate boards of directors. CEO/board tenure and succession planning, top management compensation, board committee composition, assessment of CEO and board performance, theories of corporate governance, management of the corporate strategic agenda, governance codes, international governance, and chairman/CEO duality. Case studies and contemporary issues discussed.

ACCT 583: Advanced Managerial Accounting

(Dual-listed with ACCT 483). Cr. 3.

Prereq: ACCT 383 or ACCT 581

Business simulation focusing on generation and communication of information to assist management with financial decision-making. Emphasis on developing teamwork, written communication, and oral presentation skills.

ACCT 584: Advanced Accounting Information Systems

(Dual-listed with ACCT 484). (3-0) Cr. 3.

Prereq: ACCT 384

Advanced accounting information systems concepts; database design and information retrieval, internal controls within computerized accounting information systems, financial reporting in an electronic environment.

ACCT 585: Taxes and Business Strategy

(3-0) Cr. 3.

Prereq: ACCT 485

Integration of concepts from accounting, finance, and economics to determine how taxes affect business decisions. Provides students with a conceptual framework for thinking about business tax planning and applies it to various common business decisions.

ACCT 586: Advanced Federal Taxation

(3-0) Cr. 3.

Prereq: ACCT 485

Advanced coverage of federal taxation including issues related to the taxation of corporations, partnerships, estates and trusts, and their owners. Includes coverage of rules, concepts, background, and planning opportunities related to a number of common transactions involving these entities.

ACCT 587: Volunteer Income Tax Assistance

(Dual-listed with ACCT 487). (0-2) Cr. 1. Repeatable, maximum of 3 credits. S.

Prereq: ACCT 285 or ACCT 501

Introduction to and field work in the preparation of individual income tax returns (state and federal). Basic coverage of filing and residency status, taxable income, exemptions, deductions, and credits. Tax software usage and online filing.

ACCT 588: Governmental and Non-profit Institution Accounting

(Dual-listed with ACCT 488). (3-0) Cr. 3.

Prereq: ACCT 387

Accounting and financial reporting principles of local and state governments, including universities, schools, and hospitals. In addition, accounting and financial reporting of non-profit organizations will be addressed. Financial statements of local governmental units and the university are explored.

ACCT 590: Special Topics

Cr. 1-3. Repeatable. F.S.SS.

Prereq: Permission of instructor

For students wishing to do individual research in a particular area of accounting.

ACCT 591: Fraud Examination and Prevention

(3-0) Cr. 3.

Prereq: ACCT 497 or ACCT 501

Principles and methodology of fraud detection and deterrence. Addresses the causes and elements of fraud, asset theft, corruption, financial statement mis-representation, internal controls for fraud prevention, investigative evidence gathering, and legal aspects of fraud.

ACCT 592: Financial Statement Analysis

(3-0) Cr. 3.

Prereq: ACCT 284 or ACCT 501

Presentation and analysis of financial statement information from the point of view of the primary users of such data: owners and creditors. Topics include the financial reporting system, the primary financial statements, effects of accounting method choice on reported financial data, and firm valuation.

ACCT 594: Business Valuation

(3-0) Cr. 3.

Prereq: ACCT 387 or ACCT 592

Using financial statement analysis to value the firm. Topics covered include assessing how well a firm's financial statements reflect the economic effects of its resource management strategies and constructing proforma financial information that will serve as inputs to valuation models.

ACCT 595: Advanced Accounting Problems

(Dual-listed with ACCT 495). (3-0) Cr. 3.

Prereq: ACCT 387

Accounting for business combinations and affiliated companies, intercompany transactions, and consolidated financial statements; Partnership accounting; Segment and Interim Reporting; Multinational accounting.

ACCT 596: International Accounting

(Dual-listed with ACCT 496). (3-0) Cr. 3.

Prereq: ACCT 386 or ACCT 501

Financial reporting issues in a global environment, including introduction to International Financial Reporting Standards (IFRS) and the potential for the use of IFRS in the U.S. Accounting and managerial issues faced by multinational corporations. Technical issues such as transfer pricing, inflation accounting and taxation will be discussed.

ACCT 597: Advanced Auditing and Assurance Services

(3-0) Cr. 3.

Prereq: ACCT 497

A study of advanced auditing and assurance issues. Topics include risk analysis, internal control, fraud detection, analytical procedures, evaluating operational and strategic objectives, and reporting and implementing audit findings.

ACCT 598: Financial Accounting: Theory and Contemporary Issues

(3-0) Cr. 3. F.

Prereq: ACCT 386 or ACCT 501

Theoretical discussion of the financial accounting and reporting environment. The usefulness of financial accounting information for decision making. Current financial accounting issues, the financial accounting standard setting process, FASB Standards Codification, and the role of the SEC in financial reporting.

ACCT 599: Creative Component

Cr. 2.

Prereq: Admission to the Master of Accounting Program

This course prepares students to complete their creative component project option in the Master of Accounting degree.