

ACCOUNTING

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The School of Accountancy's mission is to foster professional excellence, lifelong learning, impactful scholarship, and commitment to community among its graduates, faculty, and others in the accounting profession.

- *Professional excellence* means ensuring that our graduates are skilled in accounting, financial analysis, and decision-making, and that they understand the impact of their actions on the organization, the profession, and society.
- *Lifelong learning* denotes motivation and commitment to continuous development at all levels of one's career.
- *Impactful scholarship* means scholarship which improves our understanding of accounting, the practice of accounting, and the process of educating future accountants.
- *Commitment to community* is the giving of one's time, skills, and resources to help create a better world.

Our programs achieve this mission by emphasizing technical knowledge and analytical ability, interpersonal skills and intercultural understanding, and ethically based leadership and social responsibility. In the School of Accountancy, students learn to integrate accounting concepts and business applications in the context of communication, ethics, values, and technology. This integration is accomplished in the undergraduate business core and in the School of Accountancy core.

The School of Accountancy's strengths include the following:

- an established reputation as a provider of quality programs
- highly qualified faculty who emphasize teaching and relevant research
- student access to faculty—both individually and in relatively small classes
- innovative curricula
- emphasis on state-of-the-art technology throughout the curricula
- emphasis on practical experience
- a rigorous educational experience

The degree prepares students to work as strategic business advisors who can analyze and understand today's complex business environment. Students gain expertise in the traditional accounting arenas of managerial accounting, financial reporting, systems, auditing and tax, as well as in the nontraditional areas of technology, marketing, strategic planning, and finance. The School of Accountancy offers a bachelor of science in accounting (BSAcc), a master of accountancy (MAcc), a STEM designated master of science in accounting, technology, and analytics (MSATA), and a dual degree option that allows completion of the bachelor's and master's degrees in five years.

Refer to the appropriate sections of this bulletin for the admission, retention, and graduation requirements for the School of Accountancy, which differ from the general requirements of the Daniels College of Business.

Program Objectives

Objectives of the BSAcc are to prepare students for entry-level positions in accounting. In this program, students will learn how to

1. prepare and interpret financial statements for business enterprises;
2. use accounting data to evaluate performance and enable decision-making;
3. apply the principles related to the design, integrity, and effectiveness of accounting information systems;
4. explain the role of auditing in society, including auditing procedures and reporting requirements;
5. apply federal tax laws pertaining to individuals; and
6. Analyze the legal, ethical and legislative constructs that govern the conduct of business.

Criteria for Admission to the BSAcc Program

Continuing Students

- Students must have a minimum 2.5 GPA (overall, in ACTG, and in the following courses: ACTG 2200, FIN 2800 and ACTG 2300).
- If a student fails to meet the required GPA, he or she may still be able to qualify for the School of Accountancy. Please consult with the director of the School of Accountancy.
- Other specific admission requirements apply. Please see the School of Accountancy for details.

Transfer Students

Undergraduate transfer students must meet the requirements listed for continuing students. Credits are considered for transfer only if they meet the following standards:

- Accounting courses beyond principles must be taken at an AACSB-accredited institution or approved by the School of Accountancy.
- Courses must be comparable to required courses offered in the School of Accountancy. Any required courses that do not meet the above criteria must either be validated by examination or retaken. In computing the GPA for purposes of admission to the School of Accountancy, work transferred from previous schools and work at the University of Denver are included.

Retention Requirement for Bachelor of Science in Accounting

To remain in the program, a student must maintain a GPA of 2.5 or higher, both overall and in accounting courses.

Major

Bachelor of Science in Accounting Major Requirements

(186 credits required for the degree (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/bachelorofscienceinaccounting/>))

Minimum of 40 credits. Students must earn a minimum 2.5 GPA, both overall, in all business courses, and in accounting courses. If a GPA deficiency exists at the time the prescribed program is completed, no more than 10 credits of approved additional accounting courses and non-accounting courses may be taken in an attempt to correct the deficiency.

Code	Title	Credits
Accounting Core Courses ¹		
Accounting Core I Requirements ²		
ACTG 3017	Accounting Information Systems & Controls	
ACTG 3018	Intermediate Financial Accounting I	
Accounting Core II Requirements		
ACTG 3034	Accounting Data Analytics	
ACTG 3037	Cost Management	
ACTG 3038	Accounting Core II - Intermediate Financial Accounting II	
Accounting Core III Requirements		
ACTG 3068	Intermediate Financial Accounting III	
ACTG 3551	Auditing	
Additional Accounting Courses ³		
ACTG 3440	Business and Investment Tax Issues	4
Select 8 credits from the following:		8
ACTG 3130	RPA in the Business and Accounting Environment	
ACTG 3284	Consolidated Financial Statement	
ACTG 3285	Accounting for Foreign Operations	
ACTG 3462	Corporate & Partnership Tax	
ACTG 3620	Accounting Ethics	
ACTG 3740	Valuation and Modeling	
Advisor Approved FIN or INFO course		
Total Credits		12

¹ **Core in Accountancy**

The core in accountancy is a yearlong, fully integrated series of courses. Each quarter must be completed in its entirety before the student can move on to the next quarter. Any student with an ACTG GPA below 2.5 at the end of any quarter will not be permitted to continue in the accounting major.

² A prerequisite for enrollment in Accounting Core I classes is a 2.5 GPA for ACTG 2200, ACTG 2300, and FIN 2800. Either ACTG 2300 or FIN 2800 could be a corequisite for Accounting Core I; please see advisor.

³ Please refer to the BSAcc degree page (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/bachelorofscienceinaccounting/>) for Business Core and additional degree requirements.

Minor

Minor Requirements

The Accounting minor is available to students pursuing any major.

Prerequisite to all other Accounting Minor Classes:

Code	Title	Credits
ACTG 2200	Introduction to Financial Reporting ¹	4

16 credits, including the following:

Code	Title	Credits
ACTG 3220	Understanding Financial Statements ²	4
ACTG 3440	Business and Investment Tax Issues	4
ACTG 3281	Intermediate Financial Accounting I	4
ACTG 3282	Intermediate Financial Accounting II	4
Finance Majors must complete one of the following ²		4
ACTG 3462	Corporate & Partnership Tax	
ACTG 3701	Topics in Accounting	
ACTG 3740	Valuation and Modeling	
Total		16

¹ Business Majors will take this course as part of the BSBA Business Core. Non-Business Majors must officially declare the minor to gain access to this course and subsequent courses in the minor.

² Finance majors must substitute an advisor-approved accounting course for ACTG 3220 Understanding Financial Statements. ACTG 3462 Corporate & Partnership Tax or ACTG 3740 Valuation and Modeling is recommended.

Undergraduate/Graduate Dual Degree Program in Accounting

The School of Accountancy offers undergraduates an accelerated program leading to the master of accountancy (MAcc). Students may apply for admission to the graduate program after completing the accounting core. Admission is based on academic performance and faculty evaluation. Contact the School of Accountancy for more information. Students accepted to the program normally complete the BSAcc and MAcc in a total of five years or less.

Requirements for Distinction in the Major in Accounting

Upon reaching 90 credit hours completed, students with a 3.50 cumulative GPA or higher, and a 3.85 Daniels GPA or higher, are invited to either create a portfolio of in-depth business experiences or to write a thesis to earn Distinction. See Daniels Undergraduate Programs or faculty in the department for more information.

This course plan is a sample schedule only. Individual course plans will vary based on incoming transfer credit, admission path to Daniels, prerequisites, availability of courses, minors, and other scheduling factors. You must meet with your Daniels academic advisor to develop an individual graduation plan for your specific needs.

First Year					
Fall	Credits	Winter	Credits	Spring	Credits
First-Year Seminar (FSEM)	4	WRIT 1122	4	WRIT 1133	4
MATH 1200 ¹	4	INFO 1010	4	INFO 1020	4
BUS 1440	4	ECON 1020 ²	4	MGMT 2100	4
Common Curriculum Course ³	4	BUS 1099	0	Common Curriculum Course ³	4
		Common Curriculum Course ³	4		
	16		16		16
Second Year					
Fall	Credits	Winter	Credits	Spring	Credits
ACTG 2200 ⁵	4	ACTG 2300 ⁵	4	BUS 2099	0
BUS 3000	4	ACTG 3440	4	FIN 2800 ⁵	4
LGST 2000	4	MKTG 2800	4	INFO 2020	4
Common Curriculum Course ³	4	INTZ 2501 ⁴	2	Common Curriculum Course ³	4

Common Curriculum Course ³			4 Elective		4
16			18		16
Third Year					
Fall	Credits	Winter	Credits	Spring	Credits
Study Abroad	16	MGMT 3000	4	BUS 3800	4
Elective		ACTG 3018 ⁵	4	ACTG 3034	4
		ACTG 3017 ⁵	4	ACTG 3037	4
		BUS 3099	0	ACTG 3038	4
16			12		16
Fourth Year					
Fall	Credits	Winter	Credits	Spring	Credits
ACTG 3068	4	ACTG Elective	4	Advanced Seminar (ASEM)	4
ITEC 3155	4	Common Curriculum Course	4	ACTG Elective	4
ACTG 3551	4	Common Curriculum Course	4	ACTG Elective	4
Elective	4			Common Curriculum Course	4
16			12		16
Total Credits: 186					

¹ MATH 1200 fulfills requirements for Analytical Inquiry: The Natural and Physical World.

² ECON 1020 fulfills half of the requirements for Scientific Inquiry: Society and Culture.

³ Common Curriculum Requirements (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/degreesanddegreerequirements/>): Students are encouraged to complete Language or Scientific Inquiry: The Natural and Physical World sequences earlier in their studies; choose one for year 1 and the other for year 2.

⁴ INTZ 2501 is required for any student who studies abroad, and may be taken in any quarter within the year prior to studying abroad.

⁵ A prerequisite for enrollment in Accounting Core I classes is a 2.5 GPA for ACTG 2200, ACTG 2300, and FIN 2800. Either ACTG 2300 or FIN 2800 could be a corequisite for Accounting I classes; please see advisor.

ACTG 1988 Study Abroad Resident Credit (0-18 Credits)

ACTG 2010 Survey of Accounting (4 Credits)

Accounting for running a business, with modules on financial accounting and a focus on managerial accounting. Prerequisite: Sophomore standing. Business minors only.

ACTG 2200 Introduction to Financial Reporting (4 Credits)

The purpose of this course is to introduce students to accounting and its relevance in the business world. Students learn how to analyze transactions and prepare financial statements. In addition, students are introduced to publicly traded company's annual reports and 10k's. Prerequisites for Business majors: INFO 1010, MATH 1200, ECON 1020, and Microsoft Excel Certification. Prerequisites for Business Administration minors: Declared minor.

ACTG 2300 Accounting for Decision Making (4 Credits)

Introduces or reinforces concepts and techniques for using accounting information for managerial purposes. The focus is on interpreting financial information and making business decisions, not accumulating or preparing accounting information. Students will learn the concepts of cost behavior, cost-volume-profit analysis, master budgeting, relevant factors for short-term decision making and cost allocation. Prerequisites: ACTG 2200 and Microsoft Excel Certification. Restriction: Must be pursuing BSBA or BSACC degree.

ACTG 2988 Study Abroad Resident Credit (0-18 Credits)

ACTG 3014 Accounting Core I - Accounting Fundamentals (4 Credits)

The course prepares the future accountant to understand how the accounting system and profession functions within marketplace. At the conclusion of this course the student should understand: (1) the fundamental elements and terminology of business transactions and related financial accounting (2) the accounting system of recording, classifying and summarizing information, (3) economic and ethical issues relating to financial accounting, and (4) technical and communication skills necessary for the professional accountant. The practice of technical skills is supplemented with learning concepts and techniques for effective oral and written business functions, with a focus on reinforcing speaking and writing skills through practice and feedback. Prerequisites: ACTG 2200, ACTG 2300. Prerequisite or Co-requisite: FIN 2800.

ACTG 3017 Accounting Information Systems & Controls (4 Credits)

The objective of this course is to provide an integrated learning opportunity that encompasses financial internal controls and accounting information systems. Students will learn skills that can immediately be translated to their jobs/internships. The first part of the course focuses on advanced Excel concepts and certification, as well as learning some basic concepts for database systems using Access. The second part of the course will focus on completing the accounting cycle for a business in a manual environment. The purpose being to understand the relationship of all of the documents and the needed controls. The third part of the course focuses on the use of accounting software to automate the processes from the second part of the course. The emphasis being on understanding the impact on the controls within the system. Prerequisites: ACTG 2200, ACTG 2300, and FIN 2800.

ACTG 3018 Intermediate Financial Accounting I (4 Credits)

Foundations of financial statement content, including structure of financial accounting theory; accounting process and cycle; income determination and reporting; compound interest concepts and relationship to accounting; accounting and reporting for current assets. Case studies of open-ended accounting problems requiring application of GAAP guidance to fact patterns. Prerequisites: ACTG 2200, ACTG 2300. Prerequisite or Co-requisite: FIN 2800. Must be a Daniels Student.

ACTG 3019 Cost Management (4 Credits)

This course introduces objectives, methods and problems encountered in cost accounting. Cost accounting is a broad field that often links financial and management accounting, involving communication between accountants and management. Prerequisites: ACTG 2200, ACTG 2300. Prerequisite or Co-requisite: FIN 2800.

ACTG 3034 Accounting Data Analytics (4 Credits)

In today's information world, accountants must be well equipped to understand and utilize the vast and varying data systems that feed a company's decision-making process. The course fosters a data analytics mindset in accounting students by providing hands on skills with software tools with a strong emphasis on interpreting and communicating the results to the business. Students will gain experience coding in SQL, loading and manipulating data files in Alteryx, and visualizing data for effective storytelling in Tableau. Projects focus on large scale business cycles and challenge students to craft appropriate questions of the data and dig beyond initial data results to identify trends and root causes. Strong focus is placed on visually and verbally communicating the results of the data analysis to a non-technical business audience.

ACTG 3037 Cost Management (4 Credits)

Cost Management builds upon basic concepts and techniques for using accounting information for managerial purposes. The focus is on interpreting both high-level and detailed financial information and making business decisions, not accumulating or preparing accounting information. After completing this course, the student should understand: • Cost behavior. • Techniques and uses of cost-volume-profit analysis. • Relevant factors for short-term decision-making. • Cost accumulation, tracing, and allocation. • Components and uses of the master budget. To master the course material, the student will need a basic understanding of historical financial accounting, but the course emphasizes present and future management actions. Prerequisites: ACTG 2300 and ACTG 3018.

ACTG 3038 Accounting Core II - Intermediate Financial Accounting II (4 Credits)

The focus of this course is the foundation and content of published financial statements. Specifically, it covers the following two modules: 1) assets: recognition, measurement and reporting issues, a) fixed assets and b) intangible assets; 2) liabilities: recognition, measurement and reporting issues, a) current liabilities, b) contingencies, and c) long-term liabilities. Common to each of the modules is an emphasis on reading GAAP and applying the GAAP guidance to fact patterns. In particular, the course is designed to enhance each student's ability to identify, discuss, and resolve open-ended problems (i.e., those having no single "correct" answer). Therefore, each student must commit to being an active participant in the class discussions. The two main reasons to participate are that (1) the class will be a richer experience if we hear a variety of views on each issue and (2) it is important to develop confidence in your ability to analyze and discuss complex technical issues, and to explain and justify your conclusions. Prerequisites: ACTG 3014, ACTG 3019 and ACTG 3018.

ACTG 3049 Accounting Information Systems (4 Credits)

The objective of this course is to provide an integrated learning opportunity that encompasses financial statement assurance and accounting information systems. The first part of the course exposes these issues using a hypothetical company based on an actual company. The student should develop a knowledge and understanding of this particular industry and how it provides assurance of the company's financial statements as well as address a variety of challenging accounting information systems issues. The second part of the course focuses on a conceptual framework to emphasize the professional and legal responsibility of accountants, auditors, and management for the design, operation, and control of AIS applications.

ACTG 3068 Intermediate Financial Accounting III (4 Credits)

This course is a continuation of ACTG 3018 and ACTG 3038 and completes the examination of the foundation and content of published financial statements. Specific topics include: stockholders' equity, investments in debt and equity securities, revenue recognition, income taxes, pensions, leases, statement of cash flows, accounting changes and errors, and interim reporting. Prerequisites: ACTG 3034, ACTG 3037, and ACTG 3038.

ACTG 3069 Accounting Communications (4 Credits)

This course emphasizes critical communications skills for future accounting, tax, auditing and consulting professionals. The course develops written communication skills including but not limited to technical writing, reporting the results of research and explaining complex issues. Oral communication assignments include formal presentations, development of debate skills and boardroom presence. Assignments incorporate business etiquette and team building.

ACTG 3130 RPA in the Business and Accounting Environment (4 Credits)

Robotic Process Automation (RPA) is an emerging technology that is changing the way businesses process data. RPA allows many business processes to be automated and remove the human from performing repetitive tasks. This course will teach the basics of the technology using one of the most popular RPA software programs, UiPath. Students will learn the theory, design an application of RPA through small projects.

ACTG 3220 Understanding Financial Statements (4 Credits)

Provides business majors with the necessary understanding to read, interpret, and use published financial statements. Cross listed with ACTG 4222. Prerequisite: ACTG 2200 and admission to Daniels.

ACTG 3230 Financial Statement Analysis (4 Credits)

Consolidated financial statements, accounting for leases, currency translation, and options and futures impacts, GAAP to restate financial statements for differences between companies. Impact of financial transactions and evaluating a firm's performance from a user's perspective.

ACTG 3281 Intermediate Financial Accounting I (4 Credits)

The focus of this course is the foundation and content of published financial statements. Specifically it covers the following broad topics: (1) Conceptual Framework of Financial Reporting; (2) Financial Statements and Related Disclosures; (3) Assets: Recognition and Measurement; and (4) Liabilities: Recognition and Measurement. Common to each of the topics is an emphasis on reading GAAP and applying GAAP guidance to fact patterns. Prerequisite: ACTG 2200.

ACTG 3282 Intermediate Financial Accounting II (4 Credits)

This course is a continuation of Intermediate Financial Accounting I. The focus of this course is the application of Generally Accepted Accounting Principles to complex business transactions. The course includes various intermediate accounting topics, including current and long-term liabilities, leases, income taxes, pensions, shareholders' equity, earnings per share, the statement of cash flows, and other financial reporting issues. Prerequisite: ACTG 3281.

ACTG 3284 Consolidated Financial Statement (2 Credits)

Consolidation procedures, issues in the preparation and presentation of consolidated information, and interpretation of consolidated financial statements.

ACTG 3285 Accounting for Foreign Operations (2 Credits)

Financial statement impact from doing business in a foreign currency, having foreign subsidiaries or operations, and certain hedging activities.

ACTG 3340 Topics and Cases in Managerial Accounting (4 Credits)

Topics & Cases in Managerial Accounting focuses upon contemporary methodologies used by managerial accountants. Such methodologies are examined through classroom discussions of case studies and related articles. The course is designed to develop and enhance skills that are essential for the long-term success of career in accounting and finance. Prerequisites: ACTG 2300.

ACTG 3360 Profit, Planning & Control (4 Credits)

Comprehensive planning in the corporate environment involving in-depth study of goals, procedures, responsibility, and coordination of planning and control process. Objectives and structuring of planning process, significant problem areas, benchmarks for alternative evaluation processes, and correction and control tools. Prerequisite: ACTG 2300.

ACTG 3440 Business and Investment Tax Issues (4 Credits)

Income tax conceptual framework applicable to common business and investment transactions, including tax implications of business decisions. How effective business planning depends on accurate assessment of relevant tax factors. Prerequisites: ACTG 2200.

ACTG 3461 Individual Income Tax (4 Credits)

Federal income tax as it applies to individuals, including discussion of rates, exemptions, deductions, and accounting methods; gross income, property transactions, tax deferred exchanges; business operating taxpayer issues. Prerequisites: ACTG 2200.

ACTG 3462 Corporate & Partnership Tax (4 Credits)

Federal income tax as applied to the formation, operation and dissolution of business entities. Determination of corporate taxable income, special deductions, credits, methods of computing tax liability and estimated tax requirements. Determination of partnership and S Corporation ordinary income; classification and amount of separately stated items allocable to partners and S Corporation shareholders in accordance with the conduit principle.

ACTG 3551 Auditing (4 Credits)

This course covers professional ethics and legal environment, generally accepted auditing standards (GAAS), internal control, audit documentation and auditors reports.

ACTG 3620 Accounting Ethics (4 Credits)

This course focuses on the idea of community and the ethical and social relationships of accounting leaders and business organizations in their communities. The course focus is on the role of the accounting professional and the unique and special responsibilities associated with that role. This is examined by analyzing a variety of issues that students will face during their careers. The goal is to provide students with generalized understanding and skills that can be employed in dealing with other issues that emerge directly relate to the state Code of Professional Conduct applicable to CPAs, the Code provisions are discussed and analyzed.

ACTG 3701 Topics in Accounting (1-4 Credits)**ACTG 3702 Topics in Accounting (1-4 Credits)****ACTG 3703 Topics in Accounting (1-4 Credits)****ACTG 3704 Topics in Accounting (1-4 Credits)****ACTG 3705 Topics in Accounting (4 Credits)**

Prerequisite: ACTG 3068 or instructor's permission.

ACTG 3740 Valuation and Modeling (4 Credits)

Professional decisions in the face of uncertainty are made using a combination of judgment and sound analysis. Even skilled professionals in any field will make incorrect decisions when working with incorrect or insufficient information or when making careless analyses. One key to improving decision-making is superior analytical insights and skills. Given this, the ultimate purpose of the course is to: 1. Provide you with experience in identifying critical decisions that can best be improved through analysis of data and modeling. Once key issues are identified. 2. Provide you with the knowledge and insight necessary to identify appropriate (and reject inappropriate) models or analyses. Once an appropriate model or models are identified: 3. Provide you with the tools and skills necessary to correctly use those models by identifying, measuring and evaluating critical factors, data and assumptions. 4. Gain experience in critically evaluating and auditing your work and the work of other professionals. For example, has management used appropriate models, appropriate data and reasonable assumptions in their estimates of fair value for various assets. Prerequisites: INFO 1020, ACTG 2200 and FIN 2800.

ACTG 3880 Internship - Undergraduate (0-4 Credits)

Practical work experience.

ACTG 3885 Undergraduate Field Experience (0 Credits)

Compensated work experience; no academic credit. Prerequisite: instructor's permission.

ACTG 3988 Study Abroad Resident Credit (0-18 Credits)**ACTG 3991 Independent Study (1-10 Credits)**

Independent research/study; requires written report. Prerequisite: instructor's permission.

ACTG 3995 Independent Research (1-10 Credits)