

# ACCOUNTING DEPARTMENT

## Concentration in Accounting

### Objective

- To provide education for leadership in the accounting profession.

The way that organizations (both public accounting firms and corporations) conduct business and the role of accountants in organizations has changed dramatically. To be an effective leader in the current business environment, accountants must be knowledgeable in a wide range of disciplines, including finance, management, and marketing.

In response, the accounting profession has undergone its most significant changes in recent history; changes that require enhanced skills and knowledge for career success. Because accountants need to be business people first, knowledge of accounting must be firmly grounded in an understanding of the complete range of business functions. In addition, accountants must be accomplished communicators.

Bryant's accounting program is designed to meet the challenges posed by such changes. The accounting curriculum provides a flexible program of study relevant to all areas of accounting. Elective courses and internship opportunities permit students to pursue areas of specific career interests. Additionally, through the integration of business and liberal studies, students obtain the knowledge, sensitivities, and skills mandated by an increasingly complex, globally interdependent and technologically sophisticated world.

Bryant's accounting program provides the sufficient background for the major professional examinations. In addition, qualified undergraduate students are eligible to take up to two graduate courses during their senior year to get a head start on completing the Master of Professional Accountancy (MPAc) and MPAC with Tax Concentration. Both courses can be applied to their graduate degree, and one course can be applied to their undergraduate degree. MPAC enables Bryant undergraduate students to complete the required 150 credits to be certified as a CPA in as little as 4 1/2 years.

## Concentration in Managerial Accounting and Finance

### Objectives

- To provide education for leadership roles in the management accounting and corporate finance profession.
- Develop the analytical and managerial capabilities necessary for making sound financial decisions, either as a manager of an enterprise or not-for-profit organization.
- Prepare students for career paths involving management accounting and financial decision making.
- Prepare students for internal audit careers.

The way that business and not-for-profit organizations conduct business, and the role of accounting and finance professionals in organizations has changed dramatically. Professionals need to be business people first, with knowledge of accounting and finance firmly grounded in an understanding of the complete range of business functions. To be an effective leader in the current business environment, accounting and finance professionals must be knowledgeable in a wide range

of disciplines including accounting, finance, information technology, management, marketing, and decision analysis.

In response, the Institute of Management Accountants has developed a body of knowledge for accounting and finance professionals. This body of knowledge also prepares students for the Certified Management Accountant (CMA) certification, which is the premier professional certification in management accounting and corporate finance.

Bryant's managerial accounting and finance program provides the basic background for the Certified Management Accountant (CMA) program. In addition, students in this program have the flexibility to structure their course of study for the Certified Information Systems Auditor (CISA) certification. Students in this program will also have the opportunity to obtain the Bloomberg certification, if they so desire.

The Managerial Accounting and Finance program is designed to meet the challenges posed by the current more complex business environment. The program curriculum provides a flexible program of study relevant to areas of management accounting, corporate finance, and decision analysis. Elective courses and internship opportunities permit students to pursue areas of specific career interests. Additionally, through the integration of business and liberal studies, students obtain the knowledge, sensitivities, and skills mandated by an increasingly complex, globally interdependent and technologically sophisticated world.

## Faculty

### Department Chair

Dr. Saeed Roohani

### Professor

Kwadwo Asare

### Professor

David J. Beausejour

### Professor

Dennis M. Bline

### Professor

Charles P. Cullinan

### Professor

Timothy G. Krumwiede

### Professor

Michael F. Lynch

### Professor

Saeed J. Roohani

### Professor

Xiaochuan Zheng

### Associate Professor

Daniel Ames

### Associate Professor

Elena Precourt

### Senior Lecturer

Mary Ella Gainor

### Visiting Professor/Lecturer

Gene Kovacs

**Lecturer**

William J. Lynch

**Concentration**

- Accounting Concentration (<http://catalog.bryant.edu/undergraduate/collegeofbusiness/accountingdepartment/accountingconcentration/>)
- Managerial Accounting and Finance (<http://catalog.bryant.edu/undergraduate/collegeofbusiness/accountingdepartment/managerialaccountingandfinanceconcentration/>)

**Courses****ACG 203. Principles of Financial Accounting. 3 Credit Hours.**

This course is designed to serve the needs of both accounting majors and students of other disciplines. As an introductory course, students will understand how fundamental Generally Accepted Accounting Principles drive the creation of financial information. Additionally, common uses of financial information for performance evaluation by internal and external decision-makers will be explored.

Pre/Corequisites: GFOB 100 or GFOB 100G

Session Cycle: Fall, Spring, Summer

Yearly Cycle: Annual.

**ACG 204. Principles of Managerial Accounting. 3 Credit Hours.**

This course is designed to serve the needs of both accounting majors and students of other business disciplines. Students will explore how accounting information is used internally by management to determine product/service cost; understand cost behavior; plan, evaluate, and control operations; and make business decisions.

Prequisites: ACG 203

Session Cycle: Fall, Spring, Summer

Yearly Cycle: Annual.

**ACG 301. Financial Reporting I. 3 Credit Hours.**

This course addresses topics relevant to the financial reporting for creditors, investors, regulatory agencies, and other interested parties. The course emphasizes the conceptual development and application of reporting alternatives.

Pre/Corequisites: FIN 201

Prequisites: Grade of "C" or higher in ACG 203 and junior standing

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 302. Financial Reporting II. 3 Credit Hours.**

This course addresses topics relevant to the financial reporting for creditors, investors, regulatory agencies, and other interested parties. The course emphasizes topics such as pensions, leases, long-term debt, and stockholders' equity.

Prequisites: Grade of "C" or higher in ACG 301

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 311. Cost Management. 3 Credit Hours.**

This course is designed to reinforce, amplify, and extend some of the management accounting concepts and techniques introduced in ACG 204, Principles of Managerial Accounting. The course provides a basic understanding of various concepts and techniques used to identify, collect, measure, classify, and report information that is useful to managers for: (1) determining the cost of products, customers, suppliers, and other relevant cost objects; (2) planning and controlling; (3) making continuous improvement; and (4) decision making.

Prequisites: Grade of "C" or higher in ACG 204 or ACG 320 and junior standing

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 315. Advanced Managerial Accounting. 3 Credit Hours.**

This is an advanced management accounting course designed for those students who desire to expand their understanding of management accounting or financial management into the use of accounting information to create value in the organization. The course addresses recent innovations in management accounting including the balanced scorecard, strategy maps, strategic cost management for product and customer profitability analysis, lean manufacturing; quality costs, target costing, measuring and managing life-cycle costs, environmental costing, and the design and implementation of management control systems.

Prequisites: Grade of "C" or higher in ACG 311 and MGT 200

Session Cycle: Fall

Yearly Cycle: Annual.

**ACG 320. International Accounting. 3 Credit Hours.**

In this course, students will investigate how financial reporting develops differently across geographic boundaries. Students will learn how the use of financial accounting information by different groups causes the focus of financial accounting to differ. They will also learn how different accounting rules will result in significant differences in published financial reports. This course is a required course for International Business majors and may be taken by accounting concentrators as an open elective only.

Prequisites: ACG 203 and Sophomore Standing

Session Cycle: Spring

Yearly Cycle: Annual.

**ACG 345. Accounting Information Systems. 3 Credit Hours.**

This course provides students with (1) an understanding of accounting information systems theory and practice, (2) the knowledge to take advantage of new information technologies such as database management systems, decision support systems, expert systems, and telecommunications, (3) the skills to integrate both financial and non-financial information into a corporate information systems schema, (4) an exposure to a wide range of business, accounting, and auditing software packages, (5) the knowledge to assess controls, and (6) an understanding of systems analysis and design.

Pre/Corequisites: Grade of "C" or higher in ACG 301

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 350. Fraud Examination. 3 Credit Hours.**

This course examines the causes and consequences of fraud as well as discusses the basic concepts and procedures involved in performing a fraud examination.

Prequisites: Grade of "C" or higher in ACG 345

Session Cycle: Spring

Yearly Cycle: Annual.

**ACG 351. Corporate Taxation. 3 Credit Hours.**

In this course, accounting majors are introduced to topics in corporation taxation. Through problems and interpretation of tax law, students examine the taxation of corporations and their shareholders.

Prerequisites: Grade of "C" or higher in ACG 203 and junior standing

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 352. Individual Taxation. 3 Credit Hours.**

This course examines the federal tax structure with an emphasis on the taxation of individuals. Topics covered in this course include income determination, exemptions, deductions, property transaction, and accounting methods. Tax planning opportunities are also explored.

Prerequisites: Grade of "C" or higher in ACG 203 and junior standing

Session Cycle: Fall, Spring, Summer

Yearly Cycle: Annual.

**ACG 370. Personal Financial Planning. 3 Credit Hours.**

This course addresses the issues involved in personal financial planning. Topics covered include investment planning, retirement planning, estate tax planning, and income tax planning.

Prerequisites: Grade of "C" or higher in ACG 203 and junior standing

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 381. Information Systems Controls and Audit. 3 Credit Hours.**

This course will cover basic auditing concepts applicable in a wide variety of environments (IT audit, internal audit, and audit in cyberspace or cloud). Theoretical constructs to be covered include (1) the nature of digital evidence and the digital evidence gathering process, (2) the components of risk and their effects on the audit process, and (3) the influence of various organizational structure and culture on internal controls. The course will include applications of auditing of internal control systems, and the use of information technology to conduct various types of audit tests. Students will also learn about the use of standardized audit data in a financial audit. In addition, students learn about careers in CISA (Certified Information Systems Auditor) and general competency areas to become a CISA professional. Applications of forensic accounting in an IT environment or cloud will also be examined and discussed.

Prerequisites: Grade of "C" or higher in ACG 345

Session Cycle: Spring

Yearly Cycle: Annual.

**ACG 391. Accounting Internship. 3 Credit Hours.**

Individually supervised employment in an area of accounting that involves application of accounting concepts. Students must work on average ten hours per week, meet periodically with a supervising professor, research related literature in the field of employment, and prepare a substantive report of the work experience. Limited to Juniors and Seniors. Approval of a supervising faculty member and the department chair are required.

**ACG 442. Auditing Concepts. 3 Credit Hours.**

This course presents the basic concepts and procedures associated with an audit of financial statements. Topics covered include auditors' professional responsibilities, risk analysis, the nature of evidence, the relationship between risk and evidence, and the audit reporting process.

Prerequisites: Senior standing and a grade of "C" or higher in ACG 302 and ACG 345

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 445. Data Analytics in Accounting. 3 Credit Hours.**

Organizations create and collect massive amounts of data as result of their day-to-day operations. Frequently referred to as "Big Data" it represents an important asset for the organization. Big data presents both opportunities and challenges for accounting professionals. Understanding how to use data to formulate and solve business problems provides an opportunity for the accounting professional to become a forward thinking strategic partner in the organization. It can also help auditors design better risk-based testing procedures. The challenge for accountants is to develop the skill set needed to extract value from big data through advanced analytics. This course will challenge you to think critically about whether and how data can improve business performance, create opportunities, and/or identify risks.

Prerequisites: ACG 301 and ACG 345 and junior standing

Session Cycle: Spring

Yearly Cycle: Annual.

**ACG 461. Financial Reporting III. 3 Credit Hours.**

This course addresses topics relevant to the financial reporting for creditors, investors, regulatory agencies, and interested parties.

The course emphasizes topics such as business combinations and consolidations.

Prerequisites: Senior standing and a grade of "C" or higher in ACG 302

Session Cycle: Fall, Spring

Yearly Cycle: Annual.

**ACG 465. Governmental and Not-For-Profit Accounting. 3 Credit Hours.**

This course is an introduction to the accounting and financial reporting principles of state and local governments, colleges and universities, hospitals, and other not-for-profit organizations. Students develop an appreciation for the special accounting, budgeting, and reporting needs of these organizations.

Prerequisites: Grade of "C" or higher in ACG 302

Session Cycle: Varies

Yearly Cycle: Annual.

**ACG 471. Product/Service Costing. 3 Credit Hours.**

This course concentrates on the design and measurement of costs in different types of operating environments. The impact of the new manufacturing environment on cost accounting procedures will also be considered.

Prerequisites: Senior standing and a grade of "C" or higher in ACG 311

Session Cycle: Varies

Yearly Cycle: Alternate Years.

**ACG 497. Directed Study in Accounting. 3 Credit Hours.**

This course is designed to permit the student to pursue an area of accounting of interest and concern. The work will be performed under the supervision of a faculty member who will design the program of study and the requirements to be met by the student. This course must be approved by the department chair based on the agreed upon plan of study.

Prerequisites: senior standing is required.