

**PSI 601 Management and Communication for Math and Science Professionals.** Develops key management and communications skills in professional science masters students which are essential for future development as practicing science and engineering professionals who have not been exposed to these in undergraduate programs. Includes development of skills in decision-making, leadership, group dynamics, and coverage of salient issues in power and politics, organizational culture and organizational development. Also covers project management applications and stresses professional communication. *3 Cr.*

**PSI 602 Accounting and Finance for Math and Science Professionals (B).** Covers key concepts in accounting and finance and develops associated analytical skills for professional science masters students who have not been exposed to these in their undergraduate programs. Topics include analysis of financial statements, ratio analysis, financial forecasting and planning, operational and capital budgeting, cost-volume-profit analyses and risk and return concepts. Students are also familiarized with online and commercially

available sources of financial data and required to conduct financial analyses using Microsoft Excel. *3 Cr. Every summer*

**PSI 603 Applied Quantitative Analysis for Math and Science Professionals (B).** Reinforces and builds on understanding of key concepts in statistics and operations research for professional science masters students who have taken only a single statistics course at the undergraduate level. Topics include review of data types and distributions, classification and presentation, descriptive statistics and correlations, design of experiments and surveys, hypothesis testing, ANOVA, goodness of fit, applied regression analysis, quality control statistics, selected topics in queuing theory and mathematical programming. Course utilizes integrative case studies and the use of Excel and commercial statistical packages (e.g. Minitab) for data analyses. *3 Cr. Every summer*

## DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

119 Hartwell Hall

(585) 395-2623

[www.brockport.edu/bus-econ/](http://www.brockport.edu/bus-econ/)

*Chair and Associate Professor* John Keiser, PhD, University of Illinois-Urbana Champaign; *Associate Chair and Associate Professor*: Jerald Weaver, PhD, Florida State University; *Professors*: James Cordeiro, PhD, SUNY Buffalo; John Gardner, PhD, The Ohio State University; Baban Hasnat, PhD, The University of Tennessee-Knoxville; Sandeep Singh, CFA, PhD, Kent State University; Susan Stites-Doe, PhD, SUNY Buffalo; Jeff Strieter, PhD, Syracuse University; *Associate Professors*: Steve Breslawski, PhD, SUNY Buffalo; Tom Cone, PhD, Pennsylvania State University-University Park; D. Donald Kent, PhD, Graduate Management Institute, Union College; Jane B. Romal, CPA, CMA, DBA, Cleveland State University; Melissa L. Waite, PhD, SUNY Buffalo; *Assistant Professors*: Lerong He, PhD, University of Pennsylvania, The Wharton School; M. Pamela Neely, PhD, SUNY Albany; Kyongsei Sohn, PhD, The George Washington University; Manish Tewari, PhD, University of Central Florida; Mark Vrobefski, PhD, SUNY Buffalo; Rong Yang, PhD, The State University of New Jersey-Rutgers; Michael Ziolkowski, PhD, SUNY Buffalo; *Instructors*: Timothy C. Hungerford, CPA, CFE, CIA, MBA, Rochester Institute of Technology; Kevin P. Scully, EdD, Columbia University; Jacqueline Slifkin, JD, University of Pittsburgh School of Law; Anne VanGraafeiland, JD, Boston College Law School.

### Graduate Programs in Accounting

The purpose of the graduate programs in accounting is to serve the mission of student success, educating qualified students and preparing graduates to serve the business community and the public trust. The programs provide qualified students with the opportunity to pursue licensure as a New York Certified Public Accountant. Depending on the program selected, students may be interested in pursuing other available certifications as well.

Students are expected to have an undergraduate degree in accounting or its equivalent. Those without the necessary undergraduate preparation must remedy any deficiencies. Students who are admitted without the necessary undergraduate academic preparation may need to be admitted conditionally and complete a configuration of undergraduate courses before beginning graduate courses. Credits earned in such baccalaureate-level courses are not applicable in meeting graduate degree requirements.

Both the Master of Science in Accounting and the Master of Science in Forensic Accounting programs require the successful completion of 30 graduate credits. Each program is designed for full-time students to complete in one year. Part-time students are expected to complete the degree within five years. Students selecting the MS in Forensic Accounting should enter the program in the fall semester if they plan to complete it in one year.

All courses are offered in the late afternoon or evening to accommodate both traditional full-time study and part-time study, with courses rotating between late afternoon and evening. Graduate courses in accounting are open to matriculated students only.

### **Master of Science in Forensic Accounting**

This program is designed for students pursuing careers as forensic accountants. Students completing this program will be qualified to pursue licensure as a Certified Public Accountant (CPA) in New York state and to seek the Certified Fraud Examiner (CFE) certificate through the Association of Certified Fraud Examiners.

Students must complete the following six core courses covering business topics largely addressed on the Uniform CPA Examination. These courses include:

- BUS 617 Management Information Systems (3 Cr.)
- BUS 625 Corporate Finance for Managers (3 Cr.)
- BUS 661 Decision Analysis (3 Cr.)
- BUS 663 Entrepreneurship (3 Cr.)
- BUS 676 Business Law for Executives (3 Cr.)
- ECN 605 Economic Analysis for Managers (3 Cr.)

Four additional required accounting courses provide advanced education in the accounting subjects that comprise the foundation of forensic accounting examinations and practice. These courses include:

- ACC 660 Advanced Topics in Audit and Assurance Services (3 Cr.)
- ACC 680 Principles of Forensic Accounting (3 Cr.)
- ACC 681 Fraud Examination (3 Cr.)
- ACC 682 Case Studies in Forensic Accounting (3 Cr.)

The sequence of course offerings is shown in the table below:

#### **Fall Semester each year**

- ACC 680 Principles of Forensic Accounting
- ACC 681 Fraud Examination
- BUS 617 Management Information Systems
- BUS 661 Decision Analysis
- BUS 676 Business Law for Executives

#### **Spring Semester each year**

- ACC 660 Advanced Auditing and Assurance
- ACC 682 Case Studies in Forensic Accounting
- BUS 625 Corporate Finance
- BUS 663 Entrepreneurship
- ECN 605 Economic Analysis for Managers

### Master of Science in Accounting

This program is designed for students pursuing careers as public accountants (CPAs) and management accountants. Students completing this program will be qualified to pursue licensure as a Certified Public Accountant (CPA) in New York state. Other certifications students may wish to pursue include the Certified Management Accountant (CMA) through the Institute of Management Accountants (IMA) and the Certified Internal Auditor (CIA) through the Institute of Internal Auditors.

Students must complete the following six core courses covering business topics largely addressed on the Uniform CPA Examination. These courses include:

- BUS 617 Management Information Systems (3 Cr.)
- BUS 625 Corporate Finance for Managers (3 Cr.)
- BUS 661 Decision Analysis (3 Cr.)
- BUS 663 Entrepreneurship (3 Cr.)
- BUS 676 Business Law for Executives (3 Cr.)
- ECN 605 Economic Analysis for Managers (3 Cr.)

Four additional required accounting courses provide advanced education in traditional core accounting subjects. These courses include:

- ACC 620 Advanced Topics in Financial Accounting (3 Cr.)
- ACC 640 Advanced Topics in Managerial Accounting (3 Cr.)
- ACC 650 Advanced Topics in Taxation and Regulation (3 Cr.)
- ACC 660 Advanced Topics in Audit and Assurance Services (3 Cr.)

The sequence of course offerings is shown in the table below:

#### Fall Semester each year

- ACC 620 Financial Accounting Theory
- ACC 650 Advanced Taxation and Regulation
- BUS 617 Management Information Systems
- BUS 661 Decision Analysis
- BUS 676 Business Law for Executives

#### Spring Semester each year

- ACC 660 Advanced Auditing and Assurance
- ACC 640 Advanced Managerial Accounting
- BUS 625 Corporate Finance
- BUS 663 Entrepreneurship
- ECN 605 Economic Analysis for Managers

### Admission Criteria

*Criteria and procedures for application require submission or evidence of the following:*

Applicants must submit a complete application, available online at [www.brockport.edu/graduate](http://www.brockport.edu/graduate) and from the Office of Graduate Studies, which includes:

- a. Official transcripts of all prior undergraduate and graduate work, documenting receipt of a baccalaureate degree or higher from an accredited four-year college or university (see the Graduate Admissions section of this catalog for further details) with a minimum undergraduate GPA of 3.0 on a 4.0 scale. The baccalaureate degree must reflect at least 120 hours of earned credit. A maximum of 12 credits can be transferred in from qualified graduate programs. All graduate accounting courses must be taken at Brockport.
- b. Completion of undergraduate accounting and business courses with minimum grades as defined (see [www.brockport.edu/bus-econ/programs/graduate/accounting/admission.html](http://www.brockport.edu/bus-econ/programs/graduate/accounting/admission.html) for detailed information).

- c. Prior formal education which, when combined with requirements of the master of science degree, meets New York State Education Department requirements to sit for the Uniform CPA examination as follows<sup>1</sup>: a combined minimum of 33 hours in accounting, a combined minimum of 36 hours in business subjects other than accounting, and a combined minimum hours of liberal arts and sciences appropriate for the baccalaureate degree awarded (e.g., Bachelor of Science degree requires 60 hours). For details, visit [www.op.nysed.gov](http://www.op.nysed.gov) and [www.highered.nysed.gov/ocue](http://www.highered.nysed.gov/ocue).
- d. Score on the Graduate Management Admissions Test (GMAT).
- e. A personal statement expressing reasons for application, interest in accounting as an academic discipline and interest in accounting practice.
- f. At least two letters of recommendation from persons in a position to assess the applicant's aptitude for graduate study.

<sup>1</sup>Regulations of the Commission of Education: Sections 52.13, 70.1 and 70.4; Regents Rules Section 3.47

Criteria for admission will include evidence in a) - f) above, evidence that will be evaluated in the context of applicant's demonstrating appropriate interest and likelihood of success in completing the degree.

### General Department Policies

The graduate programs in accounting adhere to all College graduate policies, with the following additional policies:

1. Registration: Students should meet with their advisor at least two weeks in advance of their registration date. Advisors' office hours are posted on their office door or are available from the Department secretary at **(585) 395-2623**. Some advisors work by appointment and others on a drop-in basis. Voice and e-mail messages left for advisors should include the student's name, phone number, e-mail address, and times when the advisor may contact the student.
2. Participation in Assessment Activities: The Department of Business Administration and Economics administers various assessment instruments throughout its programs. Assessment activities may take the form of exams, exercises or surveys. Assessment data are used for quality control and program improvement. Many of the Department's program improvement efforts are based on assessment results.  
However, assessment results are valid only when students give their serious participation and best effort. As such, students are required, as a condition of enrollment in any of the department's courses, to participate in assessment activities and to give their best and honest effort in all assessment exercises administered by the department. Assessment activities administered in a course are considered a course requirement that is no less important than attendance, homework or other exams. Students who are absent when assessment exercises are conducted may be required to repeat the exercise as a condition of passing the course.
3. Departmental Communications: The Department uses an e-mail list-serve to communicate important information such as announcements, changes in class times and course offerings, and new policies. Department communiqués will be directed to the student e-mail address provided by the College.
  - Students are responsible for reading communications from the Department and responding accordingly.
  - Students may contact the Information Technology Help Desk at **(585) 395-5151** if they experience difficulties in accessing their e-mail.

- The Department's e-mail list-serve is for official department communiqués only. Student use of the list-serve to broadcast messages is strictly prohibited; violators will be referred to the campus Judicial System for appropriate action.
4. Program Continuation: The following policies relate to program continuation in the MS in Accounting and MS in Forensic Accounting programs:
    1. Students must complete all degree requirements with a minimum cumulative GPA of 3.0 or better and earn a grade of B- or better in all required courses.
    2. More than 3 credits of course work below a C+ will result in program dismissal.
    3. Refer to the Graduate Probation/Dismissal Policy as published online at [www.brockport.edu/policies](http://www.brockport.edu/policies) for additional termination conditions.

### Contact Information

For Program Advisement:  
 Graduate Director  
 Department of Business Administration and Economics  
 119 Hartwell Hall  
**(585) 395-2623**

For Applications and Application Procedures:  
 Office of Graduate Admissions  
**2104 Morgan Hall**  
**(585) 395-5465**  
[www.brockport.edu/graduate](http://www.brockport.edu/graduate)  
[gradadmit@brockport.edu](mailto:gradadmit@brockport.edu)

### BUSINESS ADMINISTRATION AND ECONOMICS COURSES

**ACC 620 Advanced Topics in Financial Accounting Theory (B).** Selected topics in advanced financial accounting theory and applications. Includes framework of accounting concepts and principles, the development of accounting thought and knowledge, financial statement and footnote disclosure issues and practices under GAAP with an emphasis on how management's choices among alternative principles affect the quality of earnings and financial position, an introduction to current research issues, and financial statement analysis. Case studies will also use FARS (Financial Accounting Research Software). *3 Cr. Fall.*

**ACC 640 Advanced Topics in Managerial Accounting (B).** Examines ramifications of managerial accounting within the firm through case studies. Includes, but is not limited to, analysis of measuring, reporting, estimating and summarizing cost activities for management decision-making in complex corporations. Extends from job order costing, ABC costing, and process costing, through budgets and variances, to cost behavior and allocation, transfer pricing and accounting for all aspects of lean production. *3 Cr. Spring.*

**ACC 650 Advanced Topics in Taxation and Regulation (B).** Examines the Federal income taxation and compliance aspects of corporations, shareholders, partnerships and partners. Topics include tax effects of entity formation, operations, distributions and liquidations. Also discusses Federal tax reporting for not-for-profit entities, and an introduction to Federal estate and gift taxation. Requires that students prepare tax forms 1120, 1065, 1120S, and 990 and related schedules, using commercial tax software; study codes of ethics and conduct related to tax practice; and perform tax research and prepare related memoranda. *3 Cr. Fall.*

**ACC 660 Advanced Topics in Audit and Assurance Services (B).** Examines selected topics in auditing and assurance services at the advanced level. Topics include information systems control and audit; substantive testing for the revenue, expenditure and financing/investing processes; audit reports; and other assurance services. Requires that students learn applications in auditing using representative audit software such as ACL. Uses case studies extensively. *3 Cr. Spring.*

**ACC 680 Principles of Forensic Accounting (B).** Develops the skills needed for the forensic accountant including investigation, dispute resolution and litigation support. Emphasizes investigations other than the fraud audit, including bankruptcy, divorce, cybercrime and business valuations. *3 Cr. Fall.*

**ACC 681 Fraud Examination (B).** Examines the area of occupational fraud and abuse. Topics include investigation technique and skills, fraud theory and reasons occupational fraud is committed. Examines various types of occupational fraud including skimming, larceny, payroll schemes, reimbursement schemes and fraudulent financial reporting. Uses cases throughout the course. *3 Cr. Fall.*

**ACC 682 Case Studies in Forensic Accounting (B).** *Prerequisites: ACC 680, ACC 681.* Uses cases to develop a greater understanding of the entire field of forensic accounting including litigation support services and fraud examination. Allows students to develop analytical skills and writing skills in developing solutions to complex cases. *3 Cr. Spring.*

**BUS 617 Management Information Systems (B).** Explores the need and role of information systems in organizations, examines the use of different types of organizational information systems and technical foundations of information systems, and addresses management of the systems function. Provides an introduction to systems analysis and design. Also examines ERP systems. Students must have a working knowledge of Excel and Access prior to enrolling. *3 Cr. Fall.*

**BUS 625 Corporate Finance for Managers (B).** Advanced analysis of concepts, techniques, and tools used for decision-making within a business entity. Topics include time value of money, security valuation, investment and financing decision analysis, dividend policy, and an introduction to derivative securities and contracts. *3 Cr. Spring.*

**BUS 661 Decision Analysis (B).** Explores quantitative methods, including surveys, multi-variate statistical techniques, decision analysis, PERT/CPM, and inventory and quality management approaches, as well as qualitative techniques such as group decision-making, and their application to individual and team analysis of business problems. *3 Cr. Fall.*

**BUS 663 Entrepreneurship (B).** Examines the techniques and skills used by entrepreneurs in starting and growing a business. Requires students to write a business plan and defend it. Explores each area of the business plan in-depth. Studies both educational and psychological skills of entrepreneurs. Provides students with the opportunity to work with real-world entrepreneurs in developing their plans or to develop their own business plan. *3 Cr. Spring.*

**BUS 676 Business Law for Executives (B).** Provides a survey of topics related to accounting and business practice, including coverage of the Uniform Commercial Code articles on sales, negotiable instruments and secured transactions; bankruptcy, real and personal property, corporations, partnerships and limited liability entities; wills and trusts, intellectual property, employment law, antitrust, international business law and cyberlaw. Students study and draft legal documents. *3 Cr. Fall.*

**ECN 605 Economic Analysis for Managers (B).** Examines micro and macro economic principles at the advanced level. Topics in microeconomics include economic models, individual choice and demand, production and the firm, pricing in the goods and factor markets, and general equilibrium. Macroeconomic topics include aggregate supply and demand, inflation, fiscal and monetary policy, and international trade. Cases may be used. *3 Cr. Spring.*