The Master of Accounting degree, offered by the Jones Graduate School of Business, is designed to enable students with a top-tier undergraduate education, regardless of their major, to complete the educational requirements for becoming a certified public accountant. Certified public accountants conduct independent audits and provide accounting, tax, and consulting services. The program prepares students to enter careers in public accounting, corporate accounting, management accounting, governmental accounting, financial analysis, and law enforcement.

Graduates of the program will excel in analytics, critical thinking, ethics, judgment, and communications, built on outstanding technical accounting skills. An understanding of global capital markets and macroeconomic forces will complement graduates’ accounting expertise, along with proficiency in corporate finance, risk and valuation.

Accounting does not currently offer an academic program at the undergraduate level.

Master’s Program

- Master of Accounting (MAcc) Degree (https://ga.rice.edu/programs-study/departments-programs/business/accounting/accounting-macc/)

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Deputy Dean
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James P. Weston
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Yan Anthea Zhang
Jing Zhou

Associate Professors
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Karthik Balakrishnan
Sharad Borle
Alan Crane
Kevin Crotty
Jefferson Duarte
Prashant Kale
Balaji Koka
Yangios Papanastasiou
Brian R. Rountree
D. Brent Smith
Yuhang Xing
Anastasiya Zavyalova

Assistant Professors
Piyush Anand
Hailey Ballew
Jaeyeon Chung
Tommy Pan Fang
Petri Ferreira
Arun Gopalakrishnan
Visiting Professors

Dinah Cohen
Dan Lynch

For Rice University degree-granting programs:
To view the list of official course offerings, please see Rice's Course Catalog (https://courses.rice.edu/admweb/!SWKSCAT.cat?p_action=cata)
To view the most recent semester's course schedule, please see Rice's Course Schedule (https://courses.rice.edu/admweb/!SWKSCAT.cat)

Accounting (MACC)

MACC 500 - INTERNSHIP IN ACCOUNTING
Short Title: INTERNSHIP IN ACCOUNTING
Department: Management
Grade Mode: Standard Letter
Course Type: Internship/Practicum
Credit Hours: 6
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Supervised off-campus, non-group instruction, including field experiences, practica, or internships in applied accounting. Written and oral critique of activity required. Internship plan must be approved in advance by the MAcc Program Director. Instructor Permission Required.

MACC 501 - ACCOUNTING ETHICS AND PROFESSIONALISM
Short Title: ETHICS IN ACCOUNTING
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 3
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The purpose of the course is to prepare the future CPA for ethical judgement. Course materials emphasize ethical reasoning and giving voice to values; principles of integrity, objectivity, independence (in fact and appearance) and avoidance of intentional misrepresentation of facts; the role of core values in a dynamically changing global economy; and professional and ethical issues in accounting practice.

MACC 502 - BUSINESS LAW FOR ACCOUNTANTS
Short Title: BUSINESS LAW FOR ACCOUNTANTS
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 3
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course examines the broad subject of law as it relates to business and is designed to help the accounting student develop "legal astuteness." The course provides an initial exposure to contracts and crucial concepts of tort, crime, agency, and business organization, as well as federal legal and regulatory schemes.
MACC 503 - ACCOUNTING AND AUDITING REGULATION
Short Title: ACCTING & AUDITING REGULATION
Department: Management
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Seminar
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Students will engage in an intensive 5-day learning program. An accounting faculty member will oversee the course, and various officials involved in public policy will lead many presentations and discussions. The grade for this course will be 100% based on accounting and business writing.

MACC 504 - FINANCE FOR ACCOUNTANTS
Short Title: FINANCE FOR ACCOUNTANTS
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Coverage of core concepts in the areas of 1) corporate finance, 2) financial portfolio management, and 3) financial futures and options.

MACC 505 - ECONOMIC ENVIRONMENT OF BUSINESS
Short Title: ECONOMIC ENVIRONMT OF BUSINESS
Department: Management
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: EEB stresses an understanding of the major macroeconomic forces affecting business in today's global economy. Fluency in major macroeconomic concepts and forces enhances business decision-making in the globally competitive product, financial, and labor markets that characterize the modern business environment.

MACC 506 - JUDGMENT AND DECISION MAKING FOR ACCOUNTANTS
Short Title: JUDGMENT/DECISION MAKING-ACCTS
Department: Management
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Intensive Learning Experience
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Decisions in the workforce are often made under conditions of bias, conflict of interest, and missing information. In this course, accountants will learn how to identify and overcome common judgment and decision making errors through lecture, discussion, and experiential activities.

MACC 511 - ISSUES IN FINANCIAL REPORTING II
Short Title: ISSUES IN FIN REPORTING II
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 3
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Topics include: accounting for dilutive securities and stock-based compensation; recognition and de-recognition of investments, leases, deferred taxes, and pension and other postretirement obligations; advanced topics on inter-corporate investment accounting. Codification research will be integrated throughout course. Comparison of U.S. GAAP and IFRS.

MACC 512 - FINANCIAL STATEMENT ANALYSIS AND VALUATION
Short Title: FINANCIAL STATEMENT ANALYSIS
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 3
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The first half of the course focuses on documenting and understanding a firm's profitability relative to past performance and comparable firms. The second half of the course covers: 1) forecasting financial statements and 2) deriving firm value under a variety of approaches, including DCF and residual income valuation (RIV).

MACC 513 - ISSUES IN FINANCIAL REPORTING III
Short Title: ISSUES IN FIN REPORTING III
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 3
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course covers the advanced financial accounting topics of: accounting for intercorporate investments, for mergers and acquisitions, and for the preparation of consolidated statements, accounting for foreign currency translation, restating financial statements for inflation and for relative price changes, accounting for state and local governments, partnership accounting and reporting, and accounting for bankruptcy and reorganization.
MACC 514 - FAIR VALUE ACCOUNTING
Short Title: FAIR VALUE ACCOUNTING
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course examines: fair value accounting, as outlined in Accounting Standard Codification section 820 and other U.S. accounting standards; use of 3rd party pricing services, credit risk considerations, and recent accounting updates impacting the valuation of various financial instruments, such as loans, equities, department securities, alternative investments, real estate investments and liabilities.

MACC 515 - ADVANCED TOPICS IN REVENUE RECOGNITION
Short Title: ADVANCED REVENUE RECOGNITION
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: While revenue generation is a key source of business risk and represents the primary value creation activity, its measurement and reporting in financial statements can be subject to substantial judgment. The course will cover the principles embedded in the US GAAP for revenue recognition and will examine how revenue recognition can vary substantially according to the underlying economics of different business models.

MACC 530 - INTRODUCTION TO MANAGERIAL ACCOUNTING
Short Title: INTRO TO MGMT ACCOUNTING
Department: Management
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Lecture
Credit Hours: 0.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Course introduces the vocabulary and mechanics of cost accounting. Basic managerial accounting topics will be covered, including cost-volume analysis, cost behavior, relevant costs, and the use of cost information for decision making.

MACC 531 - ADVANCED MANAGEMENT ACCOUNTING
Short Title: ADVANCED MGMT ACCOUNTING
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The use of management accounting information to serve management decision-making; review of cost accounting concepts; use of standards and variances; relevance and decision making; role of cost allocations; different costs for different purposes; product costing systems; and managing customers.

MACC 541 - ACCOUNTING CONTROL SYSTEMS
Short Title: ACCOUNTING CONTROL SYSTEMS
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Prerequisite(s): MACC 542 (may be taken concurrently)
Description: This course provides students with an in-depth understanding of professional standards, the audit process, advanced auditing techniques, and the auditor's role. This course will use case studies to explore audit topics not extensively covered in a typical intro-auditing course, including planning/risk assessment, design and execution of procedures, testing techniques, and software tools.

MACC 542 - ADVANCED AUDITING
Short Title: ADVANCED AUDITING
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course provides students with an in-depth understanding of professional standards, the audit process, advanced auditing techniques, and the auditor's role. This course will use case studies to explore audit topics not extensively covered in a typical intro-auditing course, including planning/risk assessment, design and execution of procedures, testing techniques, and software tools.

MACC 551 - ACCOUNTING INFORMATION SYSTEMS
Short Title: ACCOUNTING INFORMATION SYSTEMS
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to Graduate level students.
Course Level: Graduate
Description: A study of automated systems of processing data for accounting information. The course provides an in-depth understanding of integrated audit of internal control over financial reporting in accordance with PCAOB Audit Standard 5. Also covers fundamental procedures used in financial statement audits, specifically in the client acceptance and continuance, planning and risk assessment, and audit comfort cycle phases of the engagement.

MACC 561 - ACCOUNTING CONTROL SYSTEMS
Short Title: ACCOUNTING CONTROL SYSTEMS
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Prerequisite(s): MACC 542 (may be taken concurrently)
Description: This course examines: fair value accounting, as outlined in Accounting Standard Codification section 820 and other U.S. accounting standards; use of 3rd party pricing services, credit risk considerations, and recent accounting updates impacting the valuation of various financial instruments, such as loans, equities, department securities, alternative investments, real estate investments and liabilities.

MACC 562 - AUDITING: A DATA ANALYTICS APPROACH
Short Title: DATA ANALYTICS IN AUDITING
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course applies accounting and critical thinking skills to real-world data analytics examples from auditing and forensics. The focus is on (1) the methodologies of transforming raw and unstructured data into workable data sets, (2) how to interpret data sets, and (3) the presentation of data to decision makers.
MACC 563 - DATA ANALYTICS FOR ACCOUNTANTS I
Short Title: DATA ANALYTICS FOR ACCT I
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Introduction to using data analytics in an accounting context. Topics include how data are structured, methodologies for cleaning and merging data, and tools for analyzing and visualizing data.

MACC 564 - DATA ANALYTICS FOR ACCOUNTANTS II
Short Title: DATA ANALYTICS FOR ACCT II
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture/Laboratory
Credit Hours: 3
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Advanced methods of leveraging data analytics in an accounting context. Students develop coding capabilities to extract, organize, and analyze various types of structured and unstructured financial data. Topics include statistical data analysis, probability, and introduction to machine learning.

MACC 567 - FEDERAL TAXATION
Short Title: FEDERAL TAXATION
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 3
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Introduction to federal income tax principles. Emphasis on general skills in identifying and resolving tax issues, understanding the administrative and public policy and reasoning underlying tax law choices and integrating the tax laws into business and personal decisions and planning. Coverage of taxation of C-corporations, S-corporations, and partnerships.

MACC 568 - TAXES AND BUSINESS STRATEGY
Short Title: TAXES AND BUSINESS STRATEGY
Department: Management
Grade Mode: Standard Letter
Course Type: Lecture
Credit Hours: 1.5
Restrictions: Enrollment limited to students in the following programs: EMBA MACC MBA PMBA WMBA XMBA Enrollment is limited to Graduate or Graduate Quadmester level students.
Course Level: Graduate
Prerequisite(s): MACC 571
Description: An examination of how taxes affect companies' decision-making and their financial and operational structure.
MACC 599 - INDEPENDENT STUDY
Short Title: INDEPENDENT STUDY
Department: Management
Grade Mode: Standard Letter
Course Type: Independent Study
Credit Hours: 1-3
Restrictions: Enrollment limited to students in the MACC program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Specialized aspect or topic in an area directly related to public accounting that is chosen by student and an appropriate faculty member. Department Permission Required. Repeatable for Credit.

MACC 677 - SPECIAL TOPICS
Short Title: SPECIAL TOPICS
Department: Management
Grade Mode: Standard Letter
Course Type: Internship/Practicum, Laboratory, Lecture, Seminar, Independent Study
Credit Hours: 1-4
Restrictions: Enrollment is limited to Graduate or Visiting Graduate level students.
Course Level: Graduate
Description: Topics and credit hours vary each semester. Contact department for current semester's topic(s). Repeatable for Credit.

Description and Code Legend
Note: Internally, the university uses the following descriptions, codes, and abbreviations for this academic program. The following is a quick reference:

Course Catalog/Schedule
• Course offerings/subject code: MACC

Department Description and Code
• Management: MGMT

Graduate Degree Description and Code
• Master of Accounting degree: MAcc

Graduate Degree Program Description and Code
• Degree Program in Accounting: ACCO

CIP Code and Description 1
• ACCO Major/Program: CIP Code/Title: 52.1399 - Management Sciences and Quantitative Methods, Other

1 Classification of Instructional Programs (CIP) 2020 Codes and Descriptions from the National Center for Education Statistics: https://nces.ed.gov/ipeds/cipcode/