Masters Accounting (MACC)

Courses

**MACC 409 Advanced Federal Income Taxation 3 Credits**

An advanced study of the taxation of business organizations, estates, trust, and wealth transfer taxes. Planning and research are the basic components of the course. Problem-solving and written research are emphasized. Credit will not be given for both ACCT 309 and MACC 409.

**Prerequisites:** ACCT 307

**MACC 412 IT Auditing 3 Credits**

Addresses internal control and audit issues in an Information Technology (IT) environment, structured around the COSO internal control framework. Audit procedures for the review of IT general and application controls are examined. Students perform substantive tests on financial databases using audit software. Topics covered: Internal controls in centralized and distributed IT environments, IT outsourcing, IT governance, Data modeling, network and database security ACL software, SAP process and control issues.

**MACC 413 The Corporate Financial Reporting Environment 3 Credits**

This course addresses the nature of corporate financial reporting, its role in providing decision-useful information to capital market participants, standard-setting and the FASB conceptual framework, and theoretical and empirical assessments of its performance.

**MACC 420 Fraud Examination and Forensic Accounting 3 Credits**

This course focuses on developing student understanding of forensic accounting and fraud investigation for introduction to the forensic accounting profession. Course provides enhanced knowledge of occupational fraud, with emphasis on financial statement fraud. Topics include the nature/theories of fraud, fraud prevention/detection techniques and the legal and auditing framework for fraud investigation. Course integrates data analytic techniques in fraud examination and detection, analysis of SEC cases involving fraud allegations and incorporates materials provided by the Association of Certified Fraud Examiners (ACFE).

**Prerequisites:** ACCT 320

**MACC 424 Governance, Risk and Control 3 Credits**

This course focuses on developing in students an understanding of corporate governance, risk oversight and internal control monitoring from an accounting professional's perspective. Topics include agency theory, fundamentals of corporate governance, risk and internal control, functions of the board of directors and the audit committee, independent auditor and impediments to audit quality, internal auditor's role, and SEC regulations and laws impacting governance, risk and control. Class discussions, interactive group exercises, role plays, field projects, and real-life cases are used.

**Prerequisites:** ACCT 320 or BUA2

**MACC 427 Reporting and Auditing Fair Value Estimates 3 Credits**

Explores the theory and mechanics of financial reporting of assets and liabilities presented at fair value. The course focuses on U.S. GAAP standards relating to the recognition, measurement, valuation, and disclosure of fair value in financial statements. The course also examines management incentives in reporting and issues faced by auditors in providing assurance regarding these estimates.

**MACC 430 Data Analytics for Accountants 3 Credits**

This course uses publicly available financial statement information to programmatically analyze company activities. Obtaining, cleaning, exploring, analyzing with statistical and machine learning methods, and presenting accounting data are explored in a project based format. Non-financial related information analyses are linked to audit and risk assessments. Projects and papers involve actual entities and associated financial information. Credit will not be given for both MACC 430, Data Analytics for Accountants and ACCT 330, Accounting Data and Analytics.

**Prerequisites:** ECO 045