ACCOUNTANCY (ACCY)

ACCY Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/ACCY)

Courses

ACCY 199 Undergraduate Open Seminar credit: 1 to 5 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/199) May be repeated.

ACCY 200 Fundamentals of Accounting credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/200) Survey course in the principles of accounting for students registered in schools and colleges other than the College of Business. Credit is not given for both ACCY 200 and either ACCY 201 or ACCY 202. Prerequisite: Sophomore standing.

ACCY 201 Accounting and Accountancy I credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/201) Develops a foundation for understanding and analyzing how accounting information is generated and interpreted by both external and internal decision makers. Students will begin by identifying the information conveyed in each of the basic financial statements and understand the way that this information is used by different external decision makers. Students will then focus on information used by management, with an emphasis on analysis to facilitate and guide management decision making, planning and control. Credit is not given for both ACCY 201 and ACCY 200. Prerequisite: Prior to enrollment in ACCY 201, students must: 1) have completed either ECON 102 or ECON 103; AND 2) have completed or be concurrently enrolled in the remaining ECON 102 or ECON 103 course.

ACCY 202 Accounting and Accountancy II credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/202) Further develops the student's understanding of accrual accounting, the goals and objectives of financial reporting, the information needs of end users, the qualities of useful information, as well as the financial statements and financial statement elements. Students will analyze and record progressively more complex transactions, continuing to take the economic event from inception to reporting. Recurring themes and foundational concepts are emphasized such that students can develop intuition for accounting measurement and reporting. Credit is not given for both ACCY 202 and ACCY 200. Prerequisite: ACCY 201 or equivalent.

ACCY 211 Understanding Financial Statements credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/211) Provides a basic understanding of financial statements. Topics include financial statement components and their meaning, the broader purpose of financial statements, and the role of accounting in producing financial statements. Emphasizes the ability to read and, to some extent, interpret real-world financial statements. Credit is not given for ACCY 211 if credit has been given for ACCY 200, ACCY 201, and/or ACCY 202. ACCY 211 does not count toward undergraduate degree requirements for degrees offered through the College of Business or toward the Business Minor. Prerequisite: Intended for non-business majors.

ACCY 212 Understanding Accounting for Business Decisions credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/212) This course provides a fundamental understanding of how accounting facilitates and influences decisions made by owners, managers, and employees within an organization. Accounting provides information for all types of decisions, ranging from everyday operational and procedural decisions to decisions about the long-term strategy and direction of the firm. Course topics include pricing, product selection, resource planning and allocation, and operational and strategic performance measurement. Credit is not given for ACCY 212 if credit has been given for ACCY 200, ACCY 201, and/or ACCY 202. ACCY 212 does not count toward undergraduate degree requirements for degrees offered through the College of Business or toward the Business Minor. Prerequisite: Intended for non-business majors.

ACCY 290 Prof Internship in Accountancy credit: 0 to 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/290) Formalized learning experience in combination with practice of accounting while engaged in an internship with a public accounting firm, business, or other off-campus organization; prior approval of learning plan and a summary report of learning experience are required. Approved for Letter and S/U grading. May be repeated in subsequent terms to a maximum of 3 hours. Prerequisite: Open to Department of Accountancy students; completion of ACCY 201 and ACCY 202 (or equivalent); and consent of department.

ACCY 301 Atg Measurement & Disclosure credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/301) Introduction to measurement and reporting of organizational performance for strategic and operational purposes with a focus on a variety of financial and non-financial performance measures suitable for both internal and external decision-making. Projects, together with a series of practical workshops, facilitate self-discovery of knowledge and development of a variety of professional skills and attitudes. Prerequisite: ACCY 202 or equivalent and recommend concurrent enrollment in ACCY 302 for Accountancy majors.

ACCY 302 Decision Making for Atg credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/302) We will develop and apply a framework to better understand the specific types of accounting information managers need to make key operational and strategic decisions. Using business case studies and real-world projects, the course will also develop skills in gathering, visualizing, and statistically analyzing this accounting information to inform these important decisions. Prerequisite: ACCY 202 or equivalent; BADM 210 or concurrent enrollment; and recommend concurrent enrollment in ACCY 301 for Accountancy majors.

ACCY 303 Accounting Institutions and Regulation credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/303) Measurement and reporting of firm's liabilities and shareholders' equity. Topics include current liabilities, contingencies, subsequent events, bonds, leases, pensions, equity issuance and repurchase, dividends, and equity-based compensation. Prerequisite: ACCY 301 and FIN 221.

ACCY 304 Accounting Control Systems credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/304) Explores an important framework that highlights the vital roles of control systems play in shaping and implementing organizational strategy. Components of this framework include internal controls, organizational missions and values, codes of ethics, performance measurement, evaluation, and reward systems. Case studies, class discussions, group exercises, and field research projects emphasize critical reasoning, data analytics, teamwork, and written and oral communication. Prerequisite: ACCY 301 and ACCY 302.

Information listed in this catalog is current as of 06/2020
ACCY 312  Principles of Taxation  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/312)
Introduction to the United States federal income tax system with an emphasis on income tax determination and the taxation of property transactions. Topics include the tax environment, tax provisions relevant to businesses, employees and business owners. Projects facilitate self-discovery of knowledge and envelopment of a variety of professional skills and attitudes. Prerequisite: ACCY 202 or equivalent.

ACCY 321  Principles of Public Policy  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/321)
Same as ACE 321, BADM 303, and PS 321. See PS 321.

ACCY 398  Practical Problems in Atg  credit: 0 to 16 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/398)
Course covers the professional standards relating to corporate financial reporting, taxation, auditing and public sector reporting. Serves as a review course for the Uniform Certified Public Accountant (CPA) Examination. Additional fees may apply. See Class Schedule. Approved for Letter and S/U grading. May be repeated up to 16 hours in separate terms, if topics vary. Credit is not given towards degree requirements. Prerequisite: Consent of the Department. Intended for students enrolled in the BS in Accountancy, Certificate in Accountancy, MAS, and MSA programs. Students from other UIUC programs must demonstrate that they have taken courses in financial accounting (beyond introductory level), cost/managerial accounting (beyond introductory level), auditing, and taxation.

ACCY 405  Assurance and Attestation  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/405)
Conceptual introduction to diverse means by which assurance providers improve the quality of information used by third parties for contracting purposes, with emphases on the credibility- and relevance-enhancement properties of assurance providers' services. Topics include the economics of assurance and attestation, and concepts including independence, risk, evidence, and control. Projects facilitate self-discovery of knowledge and development of professional skills and attitudes. 3 undergraduate hours. 3 graduate hours. Prerequisite: ACCY 304 or consent of department.

ACCY 410  Advanced Financial Reporting  credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/410)
Current authoritative accounting standards and applications to accounting practice. Topics do not represent the full range of financial reporting issues, but are selected based on relevance of the underlying business transaction, complexity of the topic, consistency of applicable standard with underlying reporting concepts, and transferability of the standard to other accounting issues. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: ACCY 303 or consent of department.

ACCY 411  Auditing Stds and Practice  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/411)
Framework for understanding and evaluating the professional auditing standards for assurance services. Model of financial reporting provides an overview of the types of information disseminated by companies to external users, and provides the basis for identifying professional standards areas for future standards' development. 3 undergraduate hours. No graduate credit. Credit is not given for both ACCY 411 and ACCY 515. Prerequisite: ACCY 304 or consent of department.

ACCY 451  Advanced Income Tax Problems  credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/451)
An introduction to U.S. federal taxation of business entities including taxable corporations and flow through entities (partnerships, Subchapter S corporations, and limited liability companies). Practical problems facilitate self-discovery of technical tax knowledge and the development of data analysis skills. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: Senior standing and ACCY 312.

ACCY 499  Senior Research  credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/499)
Research and readings course for students majoring in accounting. May be taken by students in the college honors program in partial fulfillment of the honors requirements. 2 to 4 undergraduate hours. No graduate credit. May be repeated to a maximum of 6 hours. Prerequisite: Cumulative grade-point average of 3.0, honors in the junior year, or consent of department; senior standing.

ACCY 500  Accounting Measurement, Reporting, and Control  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/500)
A managerial perspective of the nature and role of accounting in organizational measurement, reporting and control processes. 2 or 4 graduate hours. No professional credit. Prerequisite: Enrollment in a non-accountancy masters program in business or consent of department.

ACCY 501  Accounting Analysis I  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/501)
Addresses the conceptual framework and financial statements--balance sheet, income statement and the statement of cash flows. It also provides in-depth analysis of accounting issues related to the measurement, recognition and disclosure of current and non-current assets, and revenue recognition. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Prerequisite: Enrollment in graduate degree program or consent of department.

ACCY 502  Accounting Analysis II  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/502)
Measurement and reporting of firm's liabilities and shareholders’ equity. Topics include contingencies, subsequent events, bonds, leases, deferred taxes, pensions, equity transactions, and earning per share. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Prerequisite: ACCY 501 or equivalent; enrollment in graduate degree program or consent of department.

ACCY 503  Managerial Accounting  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/503)
Introduction to management accounting principles, as used to facilitate and align internal decisions made by managers and employees. Topics include analytical tools and techniques to address common business problems, cost information systems, budgeting, and strategic performance measurement systems. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Prerequisite: Credit or concurrent registration in ACCY 501 or equivalent; enrollment in graduate degree program or consent of department.

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**ACCY 504 Auditing** credit: 2 or 4 Hours.  
Introduction to conceptual and applied material in the field of auditing. Emphasizes the audit process, reporting, and professional responsibilities. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Prerequisite: Credit or concurrent registration in ACCY 502, or equivalent; enrollment in graduate degree program or consent of department.

**ACCY 505 Federal Taxation** credit: 2 or 4 Hours.  
Introduction to historical and conceptual as well as applied material in the accounting area of federal taxation; emphasizes the provisions of the tax law relevant to accounting measurement methods. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Credit is not given for both ACCY 505 and ACCY 312. Prerequisite: Enrollment in graduate degree program or consent of department.

**ACCY 506 Advanced Topics in Accounting** credit: 4 Hours.  
Covers current authoritative accounting standards and applications to accounting practice. Topics include accounting for business combinations, the preparation of consolidated financial statements, and other advanced financial reporting topics. 4 graduate hours. No professional credit. Credit is not given for both ACCY 410 and ACCY 506. Prerequisite: ACCY 501, and credit or concurrent enrollment in ACCY 502.

**ACCY 507 Taxation of Business Entities** credit: 2 or 4 Hours.  
This course provides an introduction to the U.S. federal income tax treatment of corporations and pass-through entities, including Subchapter S corporations, partnerships, and limited liability companies. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Credit is not given for both ACCY 507 and ACCY 451. Prerequisite: ACCY 505 or equivalent.

**ACCY 510 Financial Reporting Standards** credit: 4 Hours.  
Stakeholders' needs for reliable and relevant information about the performance of firms, as well as managers; economic self-interests, influence managers' selection of accounting policies and financial reporting methods. This course selectively surveys both academic research and professional standards to focus on the measurement, classification and disclosure of financial transactions. Cases, class discussion and research projects emphasize independent thinking, group processes, and communication. 4 graduate hours. No professional credit. Prerequisite: ACCY 410 and enrollment in the BS/MS in Accountancy program or consent of department.

**ACCY 511 External Risk Measurement and Reporting** credit: 4 Hours.  
Application of the concepts of risk and uncertainty to the financial management of organizations in achieving business objectives and strategies, with an emphasis on the role of accounting measurement and reporting in the management of such risks. Focuses on integrating knowledge acquired from behavioral, economic, finance, and accounting perspectives. 4 graduate hours. No professional credit. Prerequisite: ACCY 410 and FIN 300, or equivalent, and enrollment in graduate accounting degree program; or consent of department.

**ACCY 512 Data Analytics for Management Accounting** credit: 4 Hours.  
Data analytics incorporated into management decision making, including planning, cost management, and management control system design. Focuses on developing your skills of gathering and analyzing data for internal decision making purposes. 4 graduate hours. No professional credit. Prerequisite: Enrollment in graduate accounting degree program or consent of department.

**ACCY 515 Auditing & Assurance Standards** credit: 4 Hours.  
Role of professional and ethical standards in the conduct of auditing and assurance services and the role of auditing and assurance services in corporate governance and capital markets. This course selectively surveys both academic and professional literature to focus on the conduct of auditing and assurance services. Cases, class discussion, group projects, and data analytics using Tableau emphasize the importance of critical thinking, group processes, and communication for professional accounting practice. Real-world scenarios assist in implementing auditing standards. 4 graduate hours. No professional credit. Prerequisite: ACCY 405 and enrollment in the BS/MS in Accountancy program or consent of department.

**ACCY 516 Professional Responsibility and Ethics for Accountants** credit: 3 Hours.  
This course covers key principles of accountants’ professional responsibility in their jobs, organizations, and careers, and adopts both theoretical and practical perspectives of the role of ethics and morals within the accounting discipline. The course begins with a general overview of these key constructs and principles, including various philosophies from a variety of disciplines and cultures. Next, the course provides a historical perspective of major instances of accounting-related "failures" and "successes" in the area of professional responsibility and ethics. This historical perspective provides the underlying reasoning for many contemporary codes of conduct, ethics, and professional guidelines. A variety of experiential learning opportunities will help students explore and develop their own perspective on ethics and morals, and how these principles affect their professional roles, responsibilities, and choices. 3 graduate hours. No professional credit.

**ACCY 517 Financial Statement Analysis** credit: 4 Hours.  
Examines tools and techniques of financial statement analysis from the perspective of investors and creditors; emphasizes theoretical and empirical properties of financial ratios. 4 graduate hours. No professional credit. Prerequisite: ACCY 410 or concurrent enrollment; or ACCY 500 or equivalent; or ACCY 502 or equivalent; and enrollment in graduate degree program or consent of department.
ACCY 518 Financial Statement Fraud  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/518)
Introduction to fraud examination with an emphasis on financial statement fraud. The course provides a comprehensive introduction to fraud examination. The topics addressed in the course include the unique characteristics of fraud examinations and a comparison to financial statement audits, the characteristics that should be possessed by fraud examiners, an overview of the fraud examination process, the nature and extent of fraud, an introduction to the taxonomy of financial statement frauds, techniques for evidence collection including interview techniques, Benford’s law, and the development of fraud reports. 4 graduate hours. No professional credit. Prerequisite: Enrollment in graduate accounting degree program or consent of the department. This class is restricted to MAS and MSA students: Accountancy-IUIC.

ACCY 550 Multistate Taxation  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/550)
Will examine state and local tax laws prevalent in the United States today. The course will consider the historical progression of state and local taxation, the power of states to tax (and the limitations on that power), and planning strategies for minimizing the impact of state and local taxation. Income taxes are emphasized; however, other taxes such as sales and use taxes and property taxes will be discussed. 2 graduate hours. No professional credit. Prerequisite: ACCY 451 or equivalent, enrollment in a graduate accounting degree program or consent of the department.

ACCY 551 Corporate Income Taxation  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/551)
Analyzes the tax treatment, problems, planning techniques, and underlying governmental policies involving corporations and their shareholders; coverage includes formations, operations, distributions, liquidations, reorganizations, and affiliations. 4 graduate hours. No professional credit. Prerequisite: ACCY 451, credit or concurrent enrollment in ACCY 556, or equivalent or consent of department.

ACCY 552 Partnership Income Taxation  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/552)
Analyzes the tax treatment, problems, planning techniques, and underlying governmental policies involving partnerships and their partners, including Subchapter S corporations and their shareholders. 4 graduate hours. No professional credit. Prerequisite: ACCY 451, credit or concurrent enrollment in ACCY 556, or equivalent or consent of department.

ACCY 553 Selected Topics in Fed Tax  credit: 2 to 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/553)
Seminar on federal tax topics of current interest in specialized areas; topics include international taxation, deferred compensation, problems of closely-held businesses, estate planning, taxation of trusts, and new developments. May be repeated with the consent of the department. Prerequisite: ACCY 451 or consent of department.

ACCY 554 International Taxation  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/554)
This course analyzes the tax treatment, issues, planning techniques and underlying government policies involved in doing business internationally. The course incorporates concepts learned in all of the tax courses as they relate to the impact on cross border outbound transactions (i.e., the taxation of US taxpayers doing business abroad). Topics include the source of income, transfer pricing, controlled foreign corporations (CFCs), Subpart F income, foreign tax credits, Global Intangible Low-Taxed Income (GILTI), Base Erosion and Anti-Abuse Tax (BEAT), and Foreign Derived Intangible Income (FDII). While this course focuses heavily on outbound transactions, some inbound rules (i.e., non-US taxpayers doing business in the United States) will be discussed. 2 or 4 graduate hours. No professional credit. Prerequisite: ACCY 451 or equivalent, enrollment in a graduate accounting degree program or consent of the department.

ACCY 555 Income Tax Accounting  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/555)
This course analyzes the underlying concepts for Accounting for Income Taxes. The course covers all aspects of financial statement income tax accounting including ASC 740, contingency reserves, purchase accounting, IFRS, footnote disclosures, and interim reporting. 2 graduate hours. No professional credit. Prerequisite: Restricted to students enrolled in the MS in Taxation Program.

ACCY 556 Tax Research  credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/556)
Provides the student with a working knowledge of tax research methodology utilized by accountants in public practice. Aims to develop the student's capacity for either solving or defending his/her position with respect to a particular tax issue. 1 to 4 graduate hours. No professional credit. May be repeated with consent of the department. Prerequisite: Credit or concurrent enrollment in ACCY 451, or equivalent or consent of department.

ACCY 557 Accounting Periods and Methods  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/557)
Covers federal income tax rules concerning the choice, utilization, and changes regarding tax accounting periods and methods, including the following: overall methods of accounting, revenue recognition, deductions, capitalization, accounting periods, and certain other special tax accounting concepts available to taxpayers. 2 graduate hours. No professional credit.

ACCY 558 Taxation of Closely-Held Bus.  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/558)
The course analyzes the taxation and planning opportunities associated with all types of closely-held business entities and their stakeholders, including the tax impact of operating as an S corporation, converting from a C corporation to an S corporation, distributions, redemptions, liquidations, and termination of entities, at risk limitations, compensation vs. dividends, and fringe benefits. It also covers tax-exempt organizations.

ACCY 559 Tax Policy  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/559)
A normative analysis of the structure and design of the tax system including the tenets of good tax policy; and the theoretical and empirical analysis of the impact of taxation on the economic system. 2 graduate hours. No professional credit.
ACCY 560  Information in Value Creation  credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/560)
Introduction to the role of information in processes employed by organizations to create value in market settings, including concepts and theories from strategic management, economics of organization, and systems theory and the relevance of such theories to the concepts and practices of accounting and auditing. This course is for graduate accountancy students who did not earn a BSA at University of Illinois at Urbana-Champaign. 1 to 4 graduate hours. No professional credit. May be repeated in the same or separate terms to a maximum of 4 hours with consent of the department. Prerequisite: Enrollment in graduate accounting degree program and consent of department.

ACCY 561  Taxes and Business Strategy  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/561)
To be a complete tax professional, one must understand both the tax law and how the law interacts with a broad spectrum of factors affecting business decisions. To this end, the course integrates concepts from finance, economics and tax law to develop a complete understanding of the role of taxes in business strategy. It also provides a platform to allow students to explore specific areas of tax law more deeply than a traditional course would permit. Prerequisite: Concurrent enrollment with ACCY 557 or consent of instructor.

ACCY 562  Tax Procedures  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/562)
An in-depth analysis of IRS Procedures including the processes through which tax laws are enacted, interpreted, administered and applied, along with the remedies available to taxpayers within the tax controversy framework of the IRS, Federal government and the court system. 2 graduate hours. No professional credit.

ACCY 563  Consolidated Returns  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/563)
Analyzes the technical tax law governing consolidated tax returns. Designed to further develop concepts discussed in the Corporate and Closely-Held Business courses. 2 graduate hours. No professional credit.

ACCY 564  Reorganizations  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/564)
Analyzes the technical tax law governing corporate reorganizations. Designed to further develop concepts discussed in the Corporate Tax, Closely-Held Business as well as the Taxes ad Business Strategies courses. 2 graduate hours. No professional credit.

ACCY 569  Data Driven Decisions in Accounting  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/569)
This course prepares accounting students to use analytic software to explore, visualize, and statistically analyze accounting data. 2 graduate hours. No professional credit.

ACCY 570  Data Analytics Foundations for Accountancy  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/570)
Concepts and foundations underlying data analytics for accounting. Provides fundamental knowledge of how to acquire, organize, synthesize and analyze (possibly large) volumes of data to address questions and problems. After completing this course, students should (1) have a foundational understanding of the techniques underlying data analytics, (2) recognize scenarios and identify appropriate tools for various types of data analysis and (3) use Python and Tableau to perform data analysis. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Prerequisite: Enrollment in graduate accounting program or consent of the department.

ACCY 571  Statistical Analyses for Accountancy  credit: 2 or 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/571)
Fundamental knowledge of how to perform statistical analyses useful for leveraging accounting information to solve business problems. After completing this course, students should (1) have a foundational understanding of the statistical analyses underlying data analytics, (2) recognize scenarios and identify appropriate statistical tools for various types of data analysis and (3) use common computer-based tools to perform statistical analyses. 2 or 4 graduate hours. No professional credit. May be repeated up to 4 hours for iMSA and online students that complete the first part of the course content in a 2-hour section (part A) and then complete the remainder of the class in a second 2-hour section (part B). Prerequisite: Enrollment in graduate accounting program or consent of the department.

ACCY 574  Risk Management and Innovation  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/574)
Decision making and analytic approaches to help organizations navigate disruptive changes in practices, technology, regulation, and culture to serve stakeholders (customers, employees, investors, the public). Course content focuses on identifying and quantifying risks, and balancing between achieving consistent, measurable outcomes and delivering stakeholder-driven objectives. Cases and experiential learning will emphasize developing tools to translate data into insights, tie these insights into managing stakeholder interests, and communicating these insights to decision makers. 4 graduate hours. No professional credit. Prerequisite: Enrollment in MAS or MSA program.

ACCY 575  Data Analytics Applications in Accountancy  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/575)
Develops knowledge regarding the role, methods, and implications of business and data analytics in accounting. Building on prior coursework on the fundamentals of statistical analysis and business/data analytics, this course provides the opportunity to apply related theoretical and practical principles to a variety of accounting scenarios, including audit, tax, fraud identification and detection, financial reporting, and managerial accounting. 4 graduate hours. No professional credit. Prerequisite: ACCY 570.

ACCY 576  Data Preparation for Accounting  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/576)
This course focuses on developing Python skills for assembling business data, taught within the context of multiple accounting settings (e.g., financial statement data, stock data, loan data, point-of-sale data, etc.). 2 graduate hours. No professional credit.
ACCY 577  Machine Learning for Accounting  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/577)
This course introduces machine learning algorithms and their applications in accounting problems. It covers classification, regression, clustering, text analysis, time series analysis. It also discusses feature importance and model optimization. 2 graduate hours. No professional credit. Prerequisite: ACCY 576.

ACCY 578  Accounting Analytics Applications  credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/ACCY/578)
Develops students' knowledge regarding the role, methods, and implications of business and data analytics in accounting via real-world applications of fundamental and advanced analytics principles. Application opportunities span multiple areas of accounting, including audit, fraud identification and detection, financial accounting, and managerial accounting. After engaging in this course, students should (1) have a foundational understanding of the role of business / data analytics in accounting and (2) be able to apply this knowledge to real-world clients, business decisions, etc. 1 graduate hour. No professional credit. May be repeated in the same or separate semesters to a maximum of 4 hours. Prerequisite: Some sections require the completion of ACCY 576 (or equivalent), and are denoted as requiring this prerequisite.

ACCY 585  Constructs in Atg Research  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/585)
Examines the role of information in economic and behavioral models of decision making under uncertainty; presents major paradigms underlying contemporary accounting research. Interdisciplinary approach; readings drawn from the accounting, behavioral, economics, and finance literature. Prerequisite: MATH 463 and ECON 502.

ACCY 590  Adv Prof Internship in ACCY  credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/590)
A formalized learning experience in combination with practice of accounting while engaged in an internship with a public accounting firm, business, or other off-campus organization; prior approval of learning plan and a summary report of learning experience required. Approved for letter and S/U grading. May be repeated to a maximum of 4 hours. Prerequisite: Open only to accountancy majors enrolled in the department's integrated bachelor/master program or students with graduate standing in accountancy; completion of 300-level accountancy courses appropriate to internship learning plan; and consent of department.

ACCY 592  Introduction to Accounting Research  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/592)
Comparative study of alternative methodologies and conceptual frameworks and their application to selected current research issues central to the development of accounting thought, both theoretical and empirical. 4 graduate hours. No professional credit. Prerequisite: Courses in behavioral science, mathematics, and economics; or equivalent background and admission to the accountancy Ph.D. program; or consent of department.

ACCY 593  Special Research Problems  credit: 1 to 8 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/593)
Individual investigations or research projects selected by the students, subject to approval by the graduate adviser and the executive officer of the Department. May be repeated in the same or separate terms. Prerequisite: Enrollment in graduate accounting degree program or consent of department.

ACCY 594  Doctoral Research Seminar  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/594)
Seminars in various accounting areas designed to enhance the research abilities of doctoral students and to assist them in preparing research proposals; these include Behavioral Dimensions, Public Sector, Tax, Auditing, Managerial, and others announced in the Class Schedule. May be repeated. Prerequisite: Credit or concurrent registration in ACCY 592 or consent of department.

ACCY 595  Models of Decision and Choice  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/595)
Same as PSYC 534. See PSYC 534.

ACCY 599  Thesis Research  credit: 0 to 16 Hours. (https://courses.illinois.edu/schedule/terms/ACCY/599)
Individual direction and guidance in writing theses; seminar discussion of progress made. Approved for S/U grading only. May be repeated.

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