



Master of Science in Accounting Course Scheduling Guide 2018 – 2019

General Overview

OVERVIEW

- The M.S. in Accounting is a 30-credit degree program. More credits may be needed if prerequisite courses are required. Students must complete at least 12-15 accounting credits.
- Students are required to elect an accounting specialty option. Specialty options include Information Systems (IS), Public and Corporate Accounting (PCA), and Taxation (TAX).
- Students must complete at least (9) credits outside of accounting. Per accreditation standards, IS courses can also be considered as non-accounting classes. Thus, a student could choose an option in Public and Corporate Accounting or Taxation and Information Systems.
- To schedule an appointment with your academic advisor, please use this link: (<http://accounting.broad.msu.edu/welcome/ms/advising/>).

DUAL-ENROLLMENT POLICY

- **You must have a dual enrollment form on file.**
- **You have to apply for graduation for your undergraduate degree.**
- If you change a course or do not adhere to the dual-enrollment policy, it could result in classes not counting towards your M.S. degree.
- Contact the Director with any questions regarding dual-enrollment.

OVERRIDE POLICY:

- **You will need to apply for overrides in the following cases before enrollment begins:**
 - If you **did not** complete your undergraduate degree at MSU.
 - If you **did not** complete the course prerequisites at MSU.
 - If you wish to enroll in any non-accounting courses (e.g. MKT, SCM, FI, MGT, GBL, etc.).
 - If the course is offered outside of the Broad College of Business. You will need to contact the **specific department** to get an override (EC 420 contact the Economics Department).
 - If you are a **graduate** student taking a **300- or 400-** level course.
 - If you are **dual enrolling** and taking any **800-**level course.
 - If any course is beyond the enrollment limit.
- **Links for overrides:**
 - Accounting (ACC), Finance (FI), Supply chain management (SCM), Management (MGT), Marketing (MKT), General business/law (GBL) (<https://uas.broad.msu.edu/advising-student-services/overrides/>).
 - Supply chain management (SCM) & Marketing (MKT) need to email directly or we forward the override ticket to broad.msc.inquiries@msu.edu.
 - Management need to email directly or we forward override ticket to mgt@msu.edu.

- COM 875 is our course and you should not have to apply for an override (unless you are dual enrolled, or it is at the enrollment limit-contact the Director for further instructions). All courses that are not in the Broad Business College, you will need to contact that department for an override.

Specialty Option Requirements

Students must select one of the following three options and enroll in the required courses. **Priority for courses will be given to those within the specialty option.** All courses are 3 credits each.

- **Information Systems (IS) Option**

MSU undergraduate accounting majors: Pick **(4)** of these courses-ACC 822, ACC 823, ACC 824, ACC 825, ACC 826, ACC 827

External accounting majors: **ACC 821** and pick **(3)** of these courses-ACC 822, ACC 823, ACC 824, ACC 825, ACC 826, ACC 827

Required Elective Course: COM 875

- **Public and Corporate Accounting (PCA) Option**

Pick **(4)** of these courses-ACC 807, ACC 808, ACC 814, ACC 833, ACC 841, ACC 843, ACC 850

Required Elective Courses: COM 875 & FI 801

- **Taxation (TAX) Option**

These courses-ACC 830, ACC 833, ACC 836, ACC 850

Required Elective Courses: COM 875 & FI 801

- **Public and Corporate Accounting/Information Systems Option**

Pick **(4)** of these courses-ACC 807, ACC 808, ACC 814, ACC 833, ACC 841, ACC 843, ACC 850

MSU undergraduate accounting majors: Pick **(4)** of these courses-ACC 822, ACC 823, ACC 824, ACC 825, ACC 826, ACC 827

External accounting majors: **ACC 821** and pick **(3)** of these courses-ACC 822, ACC 823, ACC 824, ACC 825, ACC 826, ACC 827

Required Elective Course: COM 875

- **Taxation/Information Systems Option**

These courses: ACC 830, ACC 833, ACC 836, ACC 850

MSU undergraduate accounting majors: Pick **(4)** of these courses-ACC 822, ACC 823, ACC 824, ACC 825, ACC 826, ACC 827

External accounting majors: **ACC 821** and pick **(3)** of these courses from-ACC 822, ACC 823, ACC 824, ACC 825, ACC 826, ACC 827

SCHEDULING ADVICE

- **Taxation (TAX) Option suggestions:**
 - ACC 833 and 836 may be taken concurrently.
- **Information Systems (IS) Option suggestions:**
 - Only (4) of the (6) courses are required for this specialty.
 - For a solid technical core, the faculty recommends ACC 823, 825, 826, and 827.
 - External accounting majors wanting to complete their M.S. in one year should take ACC 821 in the fall.

- **For those wishing to take the CPA exam these classes are suggested for more in depth understanding of the accounting topics. They are not required to take the CPA Exam.**
 - ACC 850: Accounting for Multiunit Enterprises
 - ACC 833: Federal Income Taxation of Corporations and Shareholders
 - ACC 808: Contemporary Financial Reporting Decisions
 - ACC 814: Advanced Auditing
 - ACC 308: Governmental & Not-for-Profit Accounting (1 credit)*

*Although credits at the 300-level cannot be counted toward the M.S. degree, having study in this subject is a requirement for CPA licensing in the State of Michigan. It is recommended that MSU undergraduates take this course in the last semester of their senior year.

COURSE OFFERINGS

Fall Semester

Course	Course Title	Prerequisite	TAX	IS	PCA
ACC 814	Advanced Auditing	ACC 411			X
ACC 821	Enterprise Database Systems			X	
ACC 822	Information Systems Project Management			X	
ACC 823	Advanced Enterprise Database Systems	ACC 321/821		X	
ACC 824	Governance and Control of Enterprise Systems			X	
ACC 830	Tax Research	ACC 331	X		
ACC 843	Value Chain Accounting and Analytics	ACC 341 and MKT 317			X
ACC 850	Accounting for Multiunit Enterprises	ACC 301 and ACC 331	X		X
COM 875	Communication Leadership Skills in Organizations		X	X	X
FI 801	Managerial Finance	FI 311	X		X

Spring Semester

Course	Course Title	Prerequisite	TAX	IS	PCA
ACC 807	Financial Statement Analysis	ACC 301			X
ACC 808	Contemporary Financial Reporting Decisions	ACC 301			X
ACC 822	Information Systems Project Management			X	
ACC 823	Advanced Enterprise Database Systems *Starting Spring 2018	ACC 321 or 821		X	
ACC 825	Object-Oriented Business Information Systems *Starting Spring 2019	ACC 321 or ACC 821		X	
ACC 826	Enterprise Information Systems			X	
ACC 827	Accounting Analytics	ACC 321 or ACC 821		X	
ACC 833	Federal Income Taxation of Corporations and Shareholders	ACC 331	X		X
ACC 836	U.S. Taxation of Multinational Transactions	ACC 331	X		
ACC 841	Strategic Management Controls Systems	ACC 341 and MGT 409			X
COM 875	Communication Leadership Skills in Organizations		X	X	X
FI 801	Managerial Finance	FI 311	X		X

Summer Semester

Course	Course Title	Prerequisite	TAX	IS	PCA
FI 801	Managerial Finance	FI 311	X		X
COM 875	Communication Leadership Skills in Organizations		X	X	X

Electives

OVERVIEW

- Students are required to take at least nine (9) credits outside of accounting. Per accreditation standards, IS courses are not considered accounting. Thus, a student could choose an option in Public and Corporate Accounting or Taxation and Information Systems.
- Students entering the M.S. Program without a previous degree in business may have to use their elective credits toward introductory courses in economics, finance, supply chain management, and marketing (FI 801, SCM 800, MKT 805).
- Students can take up to six (6) credits at the 400 level (upon approval from the MS in Accounting Director or Assistant Director).
- Presented below are the most common courses taken. **The courses in bold are recommended by the faculty.**
- Depending upon career interests and background, one may find courses of interest in other colleges/departments on campus and are free to look at other academic departments within the University for potential electives. **You must get approval from the Director or Assistant Director on all your electives to count towards the 30 credits that are not listed on the elective sheet or study plan.**
- Please be aware that BUS 491, HB 409, and HDFS courses are not counted towards the 30 credits.
- Please note: Departments often change semester offerings and course descriptions. For the most accurate and up to date information please check the *Schedule of Courses* at <http://schedule.msu.edu/> and *Description of Courses* at <http://www.reg.msu.edu/Courses/Search.asp>.

COURSES

FS=Fall SS=Spring US=Summer

Communication

Course	Course Name	Prereq.	Semester	Notes
COM 875	Communication Leadership Skills in Organizations		FS, SS, US	Required for all students. Does not require override unless dual enrolled or at enrollment limit.

Finance*

Course	Course Name	Prereq.	Semester	Notes
FI 413	Management of Financial Institutions	FI 311	FS, SS	
FI 451	International Financial Management	FI 311	FS, SS, US	
FI 457	Security Analysis	FI 312	FS, SS, US	
FI 473	Debt and Money Markets	FI 311	FS, SS	
FI 478	Investment Strategies and Speculative Markets	FI 311 and FI 312	FS, SS	Not available to students with credit in FI 852

FI 801	Managerial Finance	FI 311	FS, SS, US	Not available to students with credit in FI 311 & 312
FI 845/846	Financial Modeling & Simulation I & II	FI 801	FS, SS	Recommended background FI 851
FI 850/851	Introduction to Investments I & II	FI 801	SS	
FI 852/855	Financial Derivatives I & II	FI 850/851	SS	Limited enrollment – talk with Director
FI 853/854	Debt and Money Instruments and Markets/Fixed Income Assets	FI 850/851	FS	
FI 857	Security Analysis and Portfolio Management	FI 850/851	FS, SS	
FI 860/861	Multinational Corp Finance/International Financial Markets	FI 801	FS	
FI 862/865	Corporate Strategy Valuation/Corporate Real Options Valuation	FI 801	SS	Limited enrollment – talk with Director
FI 869/870	Entrepreneurial Finance Venture Capital/Venture Capital and Private Equity	FI 801	SS	

**Graduate level finance courses are in high demand by MBA students. They are advanced level courses and many MS students do not have the background in finances. If you have an interest in finance, take FI 801. Those with more experience in finance (beyond FI 311 & 312 will fulfill the FI 801 prerequisite) should talk with the Director about taking the other 800 level courses.*

General Business/Pre-Law

Course	Course Name	Prereq.	Semester	Notes
GBL 460	International Law and Business	GBL 295	SS	
GBL 467	Emerging Enterprise Law	GBL 295	FS	
GBL 480	Environmental Law and Sustainability for Business: From Local to Global (I)		FS	
GBL 491	Topics in Business Law	GBL 395 or GBL 395H	SS	

Management

Course	Course Name	Prereq.	Semester	Notes
MGT 411	Organizational Staffing	MGT 315	FS, SS	
MGT 412	Compensation & Reward Systems	MGT 315	FS	
MGT 413	Personnel Training & Development	MGT 315	FS	
MGT 414	Diversity in the Workplace	MGT 315	FS, SS	
MGT 475	Negotiation & Conflict Management		FS	
MGT 476/804	International Management	MGT 315	FS, SS	
MGT 810	Human Resource Management	MGT 315	FS, SS	
MGT 811	Fundamentals of HR Staffing	MGT 315	FS, SS	
MGT 832	Negotiation and Conflict Management	MGT 315	FS	Can only enroll in MS Section
MGT 840	Leadership	MGT 315	FS, SS	

Marketing*

Course	Course Name	Prereq.	Semester	Notes
MKT 805	Marketing Management		FS, SS	Not available to MSU students with credit in MKT 300
MKT 860	International Business		FS	
MKT 862	Global Marketing	MKT 805/MKT 300	FS	

**Formerly listed as MSC in Schedule of Courses.*

Supply Chain Management*

Course	Course Name	Prereq.	Semester	Notes
SCM 800	Supply Chain Management		FS	Not available to MSU students with credit in SCM 303
SCM 833	Decision Support Models	SCM 800/SCM 303	FS	
SCM 842	Total Quality Management	SCM 800/SCM 303	SS	

**Formerly listed as MSC in Schedule of Courses.*

COURSE DESCRIPTIONS

– Specialty Options

Information Systems (IS)

(MSU undergraduate accounting majors need 5 courses from list; non-MSU undergraduate majors need 6 courses from list)

- ACC 821 Enterprise Database Systems (required for non-MSU undergraduate majors)
Management of information in business organizations. Conceptual modeling of transaction process systems, workflow systems and enterprise-wide networks of value-added activities. Integration of decision support and policy level systems with economic event processing systems. Evolution of accounting systems.
- ACC 822 Information Systems Project Management
Management of information system projects. Modeling of business processes. Management of project scope, time and costs. Planning and control of projects. Program and portfolio management. Consulting issues for effective project management.
- ACC 823 Advanced Enterprise Database Systems
Architecture of enterprise information. Semantic and syntactic modeling of enterprise economic phenomena, relational database technology and database design for business systems, business process analysis patterns and implementation compromises.
- ACC 824 Governance and Control of Enterprise Systems
Governance and control of information technologies. Identification and valuation of key information and communication technologies, frameworks for assessing information system risk, information system auditing, and international standards for information technology governance and control.
- ACC 825 Object-Oriented Business Information Systems
Analysis and design of object-oriented business systems. Unified modeling language descriptions of business phenomena and rules, object-oriented programming, use-case analysis and specifications, and XML tag sets for transactions and reporting.
- ACC 826 Enterprise Information Systems
Analysis, design and use of enterprise systems. Importance of enterprise system fit and reengineering of the enterprise. Implementation risks and organizational returns. Use of enterprise software.
- ACC 827 Accounting Analytics
Help you develop an accounting data analytics mindset and learn how data analytics is used in different accounting related tasks, learn how to use the data visualization software.

Public and Corporate Accounting

(Focus on public and corporate accounting practice)

- ACC 807 Financial Statement Analysis
Concepts of financial analysis using U.S. and international accounting information. Cash-flow and earnings based models for business valuation, and supply of and demand for accounting information in financial markets.
- ACC 808 Contemporary Financial Reporting Decisions
Framework for making professional judgments and decisions about accounting for contemporary financial reporting issues. Conceptual framework, standard setting, accounting for financial instruments, foreign subsidiaries, and hedging.
- ACC 814 Advanced Auditing
Economic, regulatory and technology environments as it relates to auditing in the public and private sectors. Risk analysis, professional standards, audit evidence gathering and evaluations, accounting and auditing research and decision making.
- ACC 833 Federal Income Taxation of Corporations and Shareholders
The Federal income taxation of corporations and shareholders resulting from operations, distributions, formations, liquidation, and reorganizations. Taxation of pass through entities.
- ACC 841 Strategic Management Controls Systems
Management accounting concepts for strategic management and business unit-management. Performance measurement, planning and budgeting, and control system design.
- ACC 843 Value Chain Accounting and Analytics
Management accounting for operational management. Advanced cost system design, costing for new product development, profitability of customer and supplier relations and cost of quality.
- ACC 850 Accounting for Multi-Unit Enterprises
Financial reporting and tax issues related to business combinations and divestitures and the resulting consolidated reporting of the multi-unit enterprise's financial and tax information.

Taxation

ACC 830	<u>Tax Research</u> Writing and presentation techniques of tax research. Tax practice and procedure, and partnership taxation.
ACC 833	<u>Federal Income Taxation of Corporations and Shareholders</u> The Federal income taxation of corporations and shareholders resulting from operations, distributions, formations, liquidation, and reorganizations. Taxation of pass through entities.
ACC 836	<u>U.S. Taxation of Multinational Transactions</u> Federal income taxation of transactions by U.S. persons outside the United States, and of investments by foreign persons in the U.S.
ACC 850	<u>Accounting for Multiunit Enterprises</u> Financial reporting and tax issues related to business combinations and divestitures and the resulting consolidated reporting of the multi-unit enterprise's financial and tax information.

COURSE DESCRIPTIONS

– Electives

Communication

- COM 875 Communication Leadership Skills in Organizations
Theoretical and practical approaches to organizational communication and leadership. Communication and responsibility in a new era. Leadership self-assessment, leadership in action and managerial communication, and leadership accountability.

Finance

- FI 413 Management of Financial Institutions
Management, decision-making and policy formulation for depository and non-depository financial institutions emphasizing commercial banking. Savings banks, credit unions and non-bank financial institutions including investment banks.
- FI 451 International Financial Management
Financial management of multinational firms. Theoretical and applied aspects of international capital budgeting, capital structure, cash management, asset pricing, and risk management. Cross-cultural and ethical considerations.
- FI 457 Security Analysis
Fundamental analysis of individual stocks. Discounted cash flow valuation, relative valuation, special situations. Management of a real-money stock portfolio, the Michigan State University Student Investment Fund.
- FI 473 Debt and Money Markets
Role and nature of international debt and money markets. Corporate and government bond valuation, fixed income derivative instruments and bond portfolio management. Special role of "time" in debt and money markets.
- FI 478 Investment Strategies and Speculative Markets
Pricing, trading strategies, hedging applications, and markets for forwards, futures, swaps, and options.
- FI 801 Managerial Finance
Short-, intermediate- and long-term problems. Financial planning and control. Applications in domestic and international settings.
- FI 845/846 Financial Modeling & Simulation I & II
Applications of financial theory through computer modeling. Financial forecasting, cash flow modeling, and valuation.
- FI 850/851 Introduction to Investments I & II
Security risk and return concepts. Portfolio analysis and concepts of market efficiency. Equity investments, bonds, options, futures, and international securities.
- FI 852/855 Financial Derivatives I& II
Theories of domestic and international financial markets and instruments. Effects of risk and maturity on prices. Arrangement of business and portfolio risk and returns with options and futures.

FI 853/854	<u>Debt and Money Instruments and Markets/Fixed Income Assets</u> Fixed-income security markets. Valuation of instruments traded.
FI 857	<u>Security Analysis & Portfolio Management</u> Fundamental analysis of individual stocks. Discounted cash flow valuation, relative valuation, and special situations. Management of student-run investment fund.
FI 860/861	<u>Multinational Corp Finance/International Financial Markets</u> Cross-border capital budgeting, capital structure, cash management, corporate governance, foreign currency and Eurocurrency markets, and currency risk management.
FI 862/865	<u>Corporate Strategy Valuation/Corporate Real Options Valuation</u> Financial background and practical application of discounted cash flow (DCF), residual income (RI), and real options analysis (ROA) helpful in valuing companies and making sound managerial decisions intended to create value and increase shareholders' wealth. Development of valuation models.
FI 869/870	<u>Entrepreneurial Finance Venture Capital/Venture Capital and Private Equity</u> Financing of entrepreneurial startups, venture capital, and private equity. Valuations of entrepreneurial startups, structuring venture capital, and private equity deals and partnerships.

General Business/Pre-Law

GBL 460	<u>International Law and Business</u> The impact of international law on business practices. Government regulation of international business.
GBL 467	<u>Emerging Enterprise Law</u> In-depth analysis of the law for new ventures. Laws one must follow before, during, and after creation of a company.
GBL 480	<u>Environmental Law and Sustainability for Business: From Local to Global (I)</u> Environmental law and sustainability for business from comparative as well as local, national, and international perspectives.
GBL 491	<u>Topics in Business Law</u> Current and emerging issues in business law to supplement and enrich existing courses.

Management

MGT 411	<u>Organizational Staffing</u> Job and organizational analysis. Personnel planning, recruitment, selection and placement. Employment interviewing and testing. Validation of selection procedures, equal opportunity employer (EEO) guidelines, and affirmative action. Issues and diversity of ethics.
MGT 412	<u>Compensation and Reward Systems</u> Designing compensation systems. Job evaluation, internal and external equity. Pay-for-performance plans and financial incentives. Wage and salary surveys. Benefits administration. Diversity and ethical considerations.
MGT 413	<u>Personnel Training and Development</u> Designing and implementing training and development programs. Career stages and career planning. Needs analysis. Experimental design and program evaluation. Learning theories. Issues and diversity of ethics.
MGT 414	<u>Diversity in the Workplace</u> Problems experienced by racial, ethnic, physically disabled, and other minorities in work organizations. Awareness training for managers. Ethical issues.
MGT 475	<u>Negotiation and Conflict Management</u> Negotiation and bargaining to manage people and interpersonal relations. Developmental processes, stages, and types of conflict. Conflict management and resolution.
MGT 476/804	<u>International Management</u> Management challenges and roles in a multinational business. Strategic planning in global firms, managing people in international organizations, leadership, and the future of international management.
MGT 810	<u>Human Resource Management for General Managers</u> Human resource management functions performed by all managers. Design, administration, and evaluation of human resource activities. Needs assessment, program implementation and evaluation, information management and decision support, and international human resource management.
MGT 811	<u>Fundamentals of HR Staffing</u> Fundamentals of human resource staffing. Legal issues; measurement, reliability, and validity; job analysis; performance assessment; and recruitment.
MGT 832	<u>Negotiation and Conflict Management</u> Negotiation and bargaining to manage people and interpersonal relations. Developmental processes, stages, and types of conflict. Conflict management and resolution.
MGT 840	<u>Leadership (1-3 Credits)</u> Development of leadership abilities through readings and laboratory application.

Marketing

- MKT 805 Marketing Management (*not available to MSU students with credit in MKT 300*)
Strategic and decision-making aspects of marketing functions. Analysis, coordination, execution of marketing programs. Development of strategies and tactics. Segmentation, marketing mix, market response modeling, and ethics in a global context.
- MKT 860 International Business
Management of the firm in the multinational environment. Assessment of international modes of operations, markets, financial strategies, services, and resources. Competitive strategy.
- MKT 862 Global Marketing
Marketing strategies for international expansion. Global marketing planning, market selection, timing, modes of entry, and the marketing activities necessary for global marketing expansion.

Supply Chain Management

- SCM 800 Supply Chain Management (*not available to MSU students with credit in SCM 303*)
Fundamentals of materials and logistics management. Strategic impact of the transformation process in a global economy. Quality, inventory management, logistics strategy, customer service, international procurement, management of technology.
- SCM 833 Decision Support Models (*only 1.5 credits*)
Analytical models to support decision making with specific supply chain focus. Topics include multiple regression, linear optimization, decisions under uncertainty, and forecasting.
- SCM 842 Total Quality Management (*only 1.5 credits*)
Total quality management principles and practices, tools and techniques, implementation of continuous quality improvement programs, links to manufacturing and competitive strategies. Six Sigma and statistical quality control.