

Master of Applied Economics Program Pre-Approved Elective Courses August 2019

This list, provided to MAE students, should be utilized as a guide to identify elective courses that have been preapproved to be applied to the MAE program course requirements for the 2019 – 2020 academic year. It may be periodically updated during the year as new courses are reviewed and approved.

This should be used as a guide to confirm if an elective course you are considering can be used to fulfill your elective requirements (minimum of 18 credits in approved courses). There is no guarantee that every course listed will be open and available at the time you are registering. Some of the courses will have pre-requisite requirements, some may have enrollment restrictions or require instructor permission, some may not be offered every semester or every year. Students may take courses that are not listed here, but unless they are explicitly approved by the MAE Program Director, they will not count toward the MAE degree requirements.

If a course that you wish to take – and to count toward the MAE degree requirements – is not listed here, then you should send an email requesting approval to the MAE Program Coordinator. The MAE Program Director will then review the course and advise the student if it can be approved.

Note that 400-level courses are advanced courses for undergraduates. Most, including those listed here, may be taken for graduate credit. In some cases, the instructor may require additional work by master's students.

Courses at the 500-level and above are graduate courses, with the 500-level typically being for master's students. In departments other than economics, you may not be admitted immediately to a course that you want, as the department may reserve seats for its own students prior to opening it up to others. However, MAE students do succeed in enrolling in a great many courses outside the Economics Department.

You will notice the list includes very few 600-level or above courses in the Economics Department. That is because most such courses are intended for the Economics PhD Program, and they build on the PhD-level economic theory courses that are not open to master's students. That restriction is necessary to keep the PhD program at a reasonable size, but it is also appropriate in that the PhD theory courses are not "applied." That is, they provide tools for high-level academic research, not for the applications of economics that you are likely to need in a non-academic career.

The following list shows first the course identifier under which you will register for it, followed by the number of credits and an abbreviated course title. The fourth column, headed "Frequency," shows the number of MAE graduates who took the course during the past three academic years: 2016-17, 2017-18, and 2018-19. This is to give you some indication of how popular the courses have been for recent students. Most of the courses without a number in this column have been taken by MAE students in prior years, or during the current academic year. Finally, the full title gives you a slightly more detailed identification for the course, which may be helpful. To get a full description of the course, you can go to the course websites for the individual schools and departments, but in many cases if you Google the course identifier, perhaps with "umich", -- for example "ACC 471 umich" – you will find information more quickly. The final page of this document lists the department codes used in the course identifiers, so that you can see in which of the schools at the University of Michigan the course is offered.

Updated: August 1, 2019

MAE Pre-Approved Elective Courses (as of August 1, 2019)

Dept Course #	Credits	Abbreviated Title	Frequency (past 3yrs)	Full Title	
ACC 471	3	Accting Principle	6	Accounting Principles	
ACC 501	3	Prin Financ Acct	12	Principles of Financial Accounting	
ACC 551	3	Prin Manage Acct		Principles of Managerial Accounting	
ACC 560	3	Tax&Managrl Dec		Federal Taxation and Managerial Decisions	
ACC 561	3	Fedrl Taxation I		Federal Taxation I	
ACC 564	2.25	Corp Fin Report	41	Corporate Financial Reporting	
ACC 565	2.25	Financial Instrument	4	Financial Instruments and Structured Finance	
ACC 620	2.25	Fed Taxation II		Federal Taxation II	
ACC 625	2.25	Adv Financial		Advanced Financial Accounting	
ACC 630	1.5 - 3	Audit&Assurance		Auditing and Assurance	
ACC 711	2.25	Fin Stmt Analysis I	7	Financial Statement Analysis I	
ACC 713	2.25	Fin Stmt Analysis II		Financial Statement Analysis II	
BA 612	2.25	Bus Strat Base Pyrmd	2	Business Strategies for the Base of the Pyramid	
BCOM 561	1.5	Mgt Presentatn		Management Presentations	
BE 501	3	Appl Microecon	1	Applied Microeconomics	
BE 523	2.25	Comp Hlth Cr Strat		Comprehensive Health Care Strategies	
BE 527	3	Energy Mkts & Politics	2	Energy Markets and Energy Politics	
BE 562	2.25	Growth Stbl Macro Ec	1	Growth and Stabilization in the Macro Economy	
BE 580	2.25	Compet Tact&Policy		Competitive Tactics and Policy	
BE 635	2.25	Behav Econ/Behav OM	1	Behavioral Economics and Behavioral Operations Management	
BIOSTAT 512	3	Time Series & Clustered Data	1	Analyzing Longitudinal and Clustered Data Using Statistical Software	
BIOSTAT 601	4	Prob&Distrib Theory	1	Probability and Distribution Theory	
BIOSTAT 615	3	Stat Computing		Statistical Computing	
BIOSTAT 830	1 - 4	Adv Topics Biostat		Advanced Topics in Biostatistics	
BL 509	2.25	Intellect Prop Law	1	Intellectual Property Law	
CEE 567	3	Energy Infrastr Sys		Energy Infrastructure Systems	
CEE 686	2 - 3	Env Sust Env Finance	1	Case Studies in Environmental Sustainability (cross listed: ESENG 567)	
CMPLXSYS 501	3	Intro Complex Syst	1	An Introduction to Complex Systems	
CMPLXSYS 510	3	Int Adapt Sys	1	Introduction to Adaptive Systems	
CMPLXSYS 535	3	Network Theory		Network Theory	
EAS 501.022	1.5	Climate Econ & Policy	2	Climate Economics and Policy	
EAS 509	4	Ecol: Sc Cntxt&Intact	1	Ecology: Concepts and Applications	
EAS 513	1.5	Strat for Sust Devel		Strategies for Sustainable Development II: Managing Social Issues	
EAS 527	3	Energy Mkts&Politics	2	Energy Markets and Energy Politics	
EAS 531	4	Principles of GIS	2	Principles of GIS (geographic information systems)	
EAS 538	4	Nat Res Statistics	1	Natural Resource Statistics	

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Dept Course #		Abbreviated Title	(past 3yrs)	Full Title	
EAS 543	3	Env Spatial Analys	4	Environmental Spatial Data Analysis	
EAS 557	3	Industrial Ecology	1	Industrial Ecology	
EAS 562	3	Env Policy & Politics		Environmental Policy, Politics and Organizations	
EAS 570	3	Env Econ: Quant Mthds & Tools	9	Environmental Econ: Quantitative Methods & Tools	
EAS 573	3	Env Footprint & IOA	1	Environmental Footprinting and Input-Output Analysis	
EAS 574	3	Sus Energy Sys		Sustainable Energy Systems	
EAS 597	3	Environ Sys Analysis		Environmental Systems Analysis	
EAS 641	3	Res Mth Env&Beh	1	Social Research Methods in Environment and Sustainability	
ECON 409	4	Game Theory	12	Game Theory	
ECON 411	3	Monetary & Fin Thry	1	Monetary and Financial Theory	
ECON 414	4	Growth Theory	1	Growth Theory	
ECON 418	3	Business Cycles		Business Cycles	
ECON 420	3	Topics in Labor Econ		Topics in Labor Economics	
ECON 421	3	Labor Econ I	1	Labor Economics I	
ECON 422	3	Personnel Econ		Personnel Economics	
ECON 429	3 - 4	Migration Ec & Pol		Migration Economics and Policy	
ECON 431	3	Indus Organ&Perf	2	Industrial Organization and Performance	
ECON 432	3 - 4	Gov Reg of Ind		Government Regulation of Industry	
ECON 435	4	Financial Econ	2	Financial Economics	
ECON 437	3	Energy Econ	1	Energy Economics and Policy	
ECON 438	3	Econ of Health Svcs		Economics of Health Services	
ECON 441	3	Intntl Trade Thry	4	International Trade Theory	
ECON 442	4	Internatl Finance	12	International Finance	
ECON 444	4	European Economy	2	The European Economy	
ECON 453	3 - 4	Adv Stat & Metrics I		Advanced Introduction to Statistics and Econometrics I	
ECON 454	3 - 4	Adv Stat & Metrics II	1	Advanced Introduction to Statistics and Econometrics II	
ECON 457	3	Finance Econometrics	2	Financial Econometrics	
ECON 461	3	Econ Develop I	7	The Economics of Development I	
ECON 462	3	Econ Develop II		The Economics of Development II	
ECON 466	3	Econ of Population		Economics of Population	
ECON 472	3	Interm N R Econ		Intermediate Natural Resource Economics	
ECON 481	3	Govt Expenditures	4	Government Expenditures	
ECON 482	3	Govt Revenues		Government Revenues	
ECON 485	3	Law & Economics		Law and Economics	
ECON 490	3	Microecon Topics	5	Topics in Microeconomics (various topics)	
ECON 491	3	Hist Amer Econ		The History of the American Economy	
ECON 494	3	Topics in Econ History	1	Topics in Economic History (various topics)	
ECON 541	3	Intl Trade Policy	16	International Trade Policy (same as PUBPOL 541)	
ECON 598	1	MAE Internship/CPT	12	Internship / Curricular Practical Training (formerly RACK 998)	
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Dept Course #	Credits	Abbreviated Title	(past 3yrs)	Full Title	
ECON 611	3	Stabilization Pol		Stabilization Policy	
ECON 675	3	App Microeconometrics		Applied Microeconometrics	
EDUC 768	3	Econ of Education	1	Economics of Education	
EDUC 799	3	Cat&Ltd Depndt Var	1	Categorical and Limited Dependent Variable Modeling	
EECS 402	4	Computer Programming	2	Computer Programming for Scientists and Engineers	
EECS 502	3	Stoch Processes	1	Stochastic Processes	
EECS 545	3	Machine Learning	1	Machine Learning	
EECS 586	4	Algorithms		Design and Analysis of Algorithms	
EECS 598-016	4	Special Topics		Computational Data Science	
ENGR 520	3	Entre Bus Fund Engr		Entrepreneurial Business Fundamentals for Engineers & Scientists	
ES 644	2.25	Intr to Microfinance	3	Introduction to Microfinance	
FIN 408	1.5	Capital Markets Inve	1	Capital Markets and Investment Strategy	
FIN 503	2.25	Financial Mngmnt		Financial Management	
FIN 513	2.25	Financial Analysis		Financial Analysis	
FIN 517	3	Real Estate Essentials		Real Estate Essentials	
FIN 551	3	Finan Mgt & Pol	14	Financial Management and Policy	
FIN 563	3	Real Estate Devt		Real Estate Development in Practice	
FIN 566	1.5	RealEst Fin&Invst	7	Real Estate Finance and Investment I	
FIN 567	1.5	RealEst Fin&Invst II	3	Real Estate Finance and Investment II	
FIN 575	1.5	Financial Modeling	28	Financial Modeling	
FIN 580	2.25	Corp Fin Derivatives	48	Financial Derivatives in Corporate Finance: Managing Risk and Creating Value	
FIN 583	1.5	Energy Project Fin	3	Energy Project Finance	
FIN 608	2.25	Captl Mkts & Inv Strat	24	Capital Markets and Investment Strategy	
FIN 609	2.25	Fix Inc Secur&Mkts	18	Fixed Income Securities and Markets	
FIN 612	1.5	Intl Fin Mngmnt I	39	International Financial Management I	
FIN 614	1.5	Intl Fin Mngmnt II	28	International Financial Management II	
FIN 615	2.25	Valuation	41	Valuation	
FIN 621	2.25	Corp Finan Policy	13	Corporate Financial Policy	
FIN 622	2.25	Behavioral Finance	4	Behavioral Finance	
FIN 623	2.25	Venture Capital Fin	4	Venture Capital Finance	
FIN 624	2.25	Private Equity Fin	3	Private Equity Finance	
FIN 626	1.5	Globl Private Equity		Global Private Equity	
FIN 629	3	Finan Resrch Comcial	3	Financing Research Commercialization	
FIN 631	2.25	Risk Mgt-Financ Inst	8	Risk Management in Banks and Financial Institutions	
FIN 640	1.5	Financial Trading	8	Financial Trading	
FIN 645	2.25	Advanced Valuation		Advanced Valuation	
FIN 647	2.25	Corp Fin Strategy	3	Corporate Financial Strategy	
FIN 725	1.5	Maize and Blue Fund	1	Managing the Maize and Blue Fund	
FIN 726	1.5	Maize and Blue Fund	1	Managing the Maize and Blue Fund	

FIN 855 3 Inv Dec Symmet Fundamentals of Investment Decisions with Symmetric Information FIN 865 1.5 Asymmetric Info Asymmetric Information FIN 871 1.5 Corporate Finance Corporate Finance FIN 872 1.5 Continuous-Time Pln Continuous-Time Asset Pricing FIN 875 1.5 Emprcl Methollgy Fin Empirical Methodology in Finance HMP 662 4 Econ HIth Mgmt&Plcy The Economics of Health Management and Policy HMP 826 3 Appl Econ HI Serv Applied Econometrics in Health Services Research HS 807 4 Large US HIth Data Management and Analysis of Large US Health Data IOE 410 3 Adv Optim Methods 1 Advanced Optimization Methods IOE 440 3 Operations Anlys & Mgt 2 Operations Analysis and Management IOE 452 3 Corporate Finance 10 Corporate Finance IOE 510 3 Linear Pro I Linear Programming I IOE 516 3 Stochastic Proc II Stochastic Processes II IOE 541 3 Optim Mod Sup Chain Optimization Methods in Supply Chain IOE 552 3 Financial Engin I 6 Financial Engineering I IOE 561 3 Risk Analysis I Risk Analysis I IOE 565 3 Time Series Anlys 2 Time Series Modeling, Analysis, Forecasting Intr to Systems Engineering 1 Introduction to Systems Engineering	
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130 320 3 Inti to systems Engineering I introduction to systems Engineering	
KIN 509 3 Fin Mgmt Spt Indus Financial Management for the Sport Industry	
KIN 550 3 Mkt Mngmtin Sport Marketing Management for the Sport Industry	
LAW 709 4 Financial Regulation Financial Regulation	
MATH 404 3 Interm Diff Eqns 2 Intermediate Differential Equations and Dynamics	
MATH 412 3 Intro Mod Algebra Introduction to Modern Algebra	
MATH 417 3 Matrix Algebra I 7 Matrix Algebra I	
MATH 419 3 Lin Sp Matrix Thy 3 Linear Spaces and Matrix Theory	
MATH 420 3 Adv Linear Algebra 2 Advanced Linear Algebra	
MATH 423 3 Math of Finance 5 Mathematics of Finance	
MATH 424 3 Comp Int&Life Ins 2 Compound Interest and Life Insurance	
MATH 425 3 Intro Probability 4 Introduction to Probability	
MATH 451 3 Adv Calculus 12 Advanced Calculus I	
MATH 452 3 Adv Calculus II Advanced Calculus II	
MATH 454 3 BV Prob-Pde Boundary Value Problems for Partial Differential Equations	
MATH 471 3 Intr Num Meth 3 Introduction to Numerical Methods	
MATH 472 3 Num Meth Fin Appl 2 Numerical Methods with Financial Applications	
MATH 490 3 Intro to Topology 1 Introduction to Topology	
MATH 525 3 Probability 2 Probability Theory	
MATH 526 3 Disc Stoch Proc 2 Discrete State Stochastic Processes	
MATH 550 3 Int Adapt Sys 2 Introduction to Adaptive Systems	

Dept Course #	Credits	Abbreviated Title	Frequency (past 3yrs)	Full Title	
MATH 558	3	Applied Nonlinear Dynamics	1	Applied Nonlinear Dynamics	
MATH 590	3	Intr Topol	1	An Introduction to Topology	
MATH 593	3	Algebra I		Algebra I	
MATH 596	3	Analysis I		Analysis I (Complex)	
MATH 597	3	Analysis II	2	Analysis II (Real)	
MATH 623	3	Computational Finance	1	Computational Finance	
MECHENG 433	3	Adv Energy Solutions		Advanced Energy Solutions	
MKT 501	3	Marketing Mngmt	1	Marketing Management	
MKT 603	2.25	Stretegic Brand Mgt	2	Strategic Brand Management	
MKT 611	2.25	Advertis Managemt	1	Advertising Management	
MKT 614	1.5	Nonprofit Social Mkt		Nonprofit and Social Marketing	
MKT 615	1.5	Intl Mktg Mgt	1	International Marketing Management	
MKT 618	3	Mkt Res Des & Anlys		Marketing Research Design and Analysis	
MKT 630	2.25	Marketing Engineerin	2	Marketing Engineering and Analytics	
MKT 640	2.25	Global Sup Chain Mgt	2	Global Supply Chain Management	
MKT 897	1.5	Quant Res Mkt	1	Quantitative Research in Marketing	
MKT 899	1.5	Spec Top Mkt: Quant		Special Topics in Marketing (Quantitative)	
MO 512	2.25	Bargain&Infl Skills	2	Bargaining and Influence Skills Negotiation Strategy in a Global Economy	
MO 567	2.25	Human Capital Mgmt	1	Topics in Strategic Human Capital Management	
MO 605	1.5	Lead Inclusive Orgs		Leading & Leveraging Difference	
MO 619	2.25	Incentive & Prodctv		Incentives & Productivity	
POLSCI 490	4	Game Theory & Models		Game Theory and Formal Models	
POLSCI 611	3	Amer Natl Govt	1	Proseminar in American National Government	
POLSCI 660	3	Prosem Wrl Pol		Proseminar in World Politics	
POLSCI 681	3	Intermed Game Theory	1	Intermediate Game Theory	
POLSCI 695	3	Regression Anl		Regression Analysis (ICPSR Summer Program)	
POLSCI 699	4	Stat Meth II		Statistical Methods in Political Research II	
POLSCI 814	3	Time Series An	4	Time Series Analysis (ICPSR Summer Program)	
POLSCI 815	3	Categorical Analysis	1	Categorical Analysis (ICPSR Summer Program)	
POLSCI 832	3	Math St Soc Sc	1	Mathematical Statistics for Social Science (ICPSR Summer Program)	
POLSCI 838	3	Math: Game Thry		Mathematical Models: Game Theory (ICPSR Summer Program)	
PSYCH 808-009	3	Consumer Psychology		Consumer Psychology	
PUBPOL 515	1.5	Non-Mkt Strat	1	Non-Market Strategy: Shaping the Rules of the Game	
PUBPOL 534	3	Ec of Dev Countries	1	Economics of Developing Countries	
PUBPOL 542	3	Intnl Financial Pol	15	International Financial Policy	
PUBPOL 557	1.5	Data Visualization		Data Visualization for Public Policy	
PUBPOL 564	3	Gov Reg Ind & Envir	1	Government Regulation of Industry & the Environment	
PUBPOL 567	3	STATA Practicum	12	STATA Practicum	
PUBPOL 575	1.5	Tax Policy & Business	4	Tax Policy and Business	

Dept Course #	Cradits	Abbreviated Title	Frequency	Full Title	
PUBPOL 587-002	2	Public Management	2	Public Management: Organizational Causes of Large Scale Technology Failure	
PUBPOL 639	3	Quant Prgm Eval	8	Quantitative Methods of Program Evaluation	
PUBPOL 642	3	SocioECON & Hlth Pol	· ·	Socioeconomic Policy and Health Policy	
PUBPOL 647	1.5	Data Analys Excel I		Data Analysis Using Excel I	
PUBPOL 648	1.5	Data Analys Excel II		Data Analysis Using Excel II	
PUBPOL 712	3	Causal Infer Ed K-12	2	Causal Inference in Education Policy Research: Preschool, Elementary and Secondary	
PUBPOL 713	3	Causal Infer in Ed Pol	1	Causal Inference in Education Policy Research: Postsecondary	
PUBPOL 715	3	PubBudget&Fin Plan	1	Budgeting and Financial Planning	
PUBPOL 736	3	Poverty & Inequality	1	Poverty and Inequality	
PUBPOL 741	3	Pr Fin&Glo Mkt	10	Principles of Finance and Global Financial Markets	
PUBPOL 744	3	Econ of Public Sect	6	Economics of the Public Sector	
PUBPOL 750	1.5 - 3	Special Topics	15	Special Topics (various topics)	
SI 422	3	Usab Eval&Needs	1	Needs Assessment and Usability Evaluation	
SI 502	3	Net Computing	4	Networked Computing: Storage, Communication, and Processing	
SI 506	3	Programming I	9	Programming I	
SI 507	3	Inter Programming	4	Intermediate Programming	
SI 508	6	Intensive Info Program	1	Intensive Python Programming for Information Students	
SI 520	3	Graphic Design		Graphic Design and Visual Communications	
SI 530	3	Prin in Management	1	Principles in Management	
SI 539	3	Des of Comp Websites	1	Design of Complex Websites	
SI 544	3	Intr Stat&Data Analy	2	Introduction to Statistics and Data Analysis	
SI 563	3	Game Theory	1	Game Theory	
SI 588	3	Fundamentals Hum Beh	1	Fundamentals of Human Behavior	
SI 617	3	Choice Architecture	1	Choice Architecture	
SI 618	3	Data Manipulation	1	Data Manipulation and Analysis	
SI 627	3	Managing the IT Org		Managing and Leading the IT Org	
SI 646	1.5	Info Economics		Information Economics	
SI 671	3	Data Mining		Data Mining: Methods and Applications	
SOC 530	3	Social Demography		Social Demography	
STATS 401	4	Appl Stat Methods II	1	Applied Statistical Methods II	
STATS 406	3	Intro Stat Computing		Computational Methods in Statistics and Data Science	
STATS 414	3	Topics in Statistics		Special Topics in Statistics	
STATS 415	4	Data Mining	7	Data Mining and Statistical Learning	
STATS 425	3	Intro Probability	5	Introduction to Probability	
STATS 426	3	Intro to Theo Stat	5	Introduction to Theoretical Statistics	
STATS 500	3	Stats Learning I:Regress	32	Statistical Learning I: Regression	
STATS 503	4	Stats Learning II	8	Statistical Learning II: Multivariate Analysis	
STATS 506	3	Comp Methods Tools	1	Computational Methods and Tools in Statistics	
STATS 507	3	Data Sci in Python		Data Science and Analytics Using Python	

Dept Course #	Cradita	Abbreviated Title	Frequency (past 3yrs)	Full Title	
STATS 509	3	Stats for Fin Data	19	Statistical Models and Methods for Financial Data	
STATS 510	3	Math Stat I	13	Mathematical Statistics I	
STATS 525	3	Probability Theory	1	Probability Theory	
STATS 526	3	Disc Stoch Proc	2	Discrete State Stochastic Processes	
STATS 531	3	Anal Time Series	4	Modeling and Analysis of Time Series Data	
STATS 560	3	Non-Par Stat	7	Introduction to Nonparametric Statistics	
STATS 600	4	Linear Models		Linear Models	
STATS 608	1.5	Optim Meth Stats	1	Optimization Methods in Statistics	
STRATEGY 503	1.5	Compet Glob Bus Env	3	Competing in the Global Business Environment	
STRATEGY 675	2.25	Bus Model Innovation	1	New Game Business Models	
STRATEGY 681	2.25	Strat Mgt Alliances		Strategic Management of Alliances	
STRATEGY 682	2.25	Merg,Acq&Corp Dev	2	Mergers, Acquisitions and Corporate Development	
SURVMETH 600	3	Fund Surv Meth	2	Fundamentals of Survey Methodology	
SURVMETH 722	3	Random/Nonrandom	2	Randomized and Nonrandomized Research Design	
SURVMETH 727	3	Comp & Data Display		Fundamentals of Computing and Data Display	
TO 501	3	Appl Bus Stat		Applied Business Statistics	
TO 512	1.5	Decsn Support Sprdsh	59	Decision Support with Spreadsheets	
TO 513	1.5	Applic Devt Sprdsht	50	Spreadsheet Modeling and Applications	
TO 515	2.25	VBA for Excel	11	Business Application Development with Visual Basic for Excel	
TO 518	3	Linear Program I		Linear Programming I	
TO 557	2.25	Bus Stat & Analytic		Applied Business Statistics and Analytics	
TO 563	1.5	Global Health Innov		Innovation in Global Health Delivery	
TO 566	1.5	Dat Mine Regr Analys	18	Applied Regression and Data Analysis	
TO 567	1.5	Data Mining	26	Data Mining and Applied Multivariate Analysis	
TO 572	1.5	App B Frcst I	8	Applied Business Forecasting I	
TO 618	3	Appl Bus Analytics	3	Applied Business Analytics and Decisions	
TO 620	2.25	Global Sup Chain Mgt	2	Global Supply Chain Management	
TO 621	2.25	Logistics	1	Logistics	
TO 626	3	Mobile Innovation Dev		Mobile Innovation Development	
TO 628	2.25	Big Data Analytics	8	Advanced Big Data Analytics	
TO 633	2.25	Al for Business		Al for Business	
TO 635	2.25	Behav Econ/Behav OM		Behavioral Economics / Behavioral Operations Management	
TO 638	3	Financial Technology		FinTech: Blockchain, Cryptocurrencies, and Other Technology Innovations	
TO 640	2.25	Big Data Mgmt Tools		Big Data Management: Tools and Techniques	
URP 520	3	Intro to GIS	2	Introduction to Geographic Information Systems	
URP 585	3	Methods for Econ Dev	2	Methods of Economic Development Planning	

Schools and Departments

Abbrev.	Department	Sch.	School
ACC	Accounting	Ross	Ross School of Business
BA	Business Administration	Ross	Ross School of Business
BCOM	Business Communications	Ross	Ross School of Business
BE	Business Economics	Ross	Ross School of Business
BIOSTAT	Biostatistics	SPH	School of Public Health
BL	Business Law	Ross	Ross School of Business
CEE	Civil and Environmental Engineering	Engin	College of Engineering
CMPLXSYS	Center for the Study of Complex Systems	LS&A	College of Literature, Science, and the Arts
EAS	Environment and Sustainability	SEAS	School for Environment and Sustainability
ECON	Economics	LS&A	College of Literature, Science, and the Arts
EDUC	Education	Educ	School of Education
EECS	Electrical Engineering and Computer Science	Engin	College of Engineering
ENGR	Engineering Division	Engin	College of Engineering
ES	Entrepreneurial Studies	Ross	Ross School of Business
FIN	Finance	Ross	Ross School of Business
HMP	Health Management and Policy	SPH	School of Public Health
IOE	Industrial and Operations Engineering	Engin	College of Engineering
ISD	Integrative Systems and Design	Engin	College of Engineering
KIN	Kinesiology	Kines	School of Kinesiology
LAW	Law	Law	Michigan Law School
MATH	Mathematics	LS&A	College of Literature, Science, and the Arts
ME	Mechanical Engineering	Engin	College of Engineering
MKT	Marketing	Ross	Ross School of Business
MO	Managemenet and Organizations	Ross	Ross School of Business
POLSCI	Political Science	LS&A	College of Literature, Science, and the Arts
PUBPOL	Public Policy	Ford	Ford School of Public Policy
SI	Information	SI	School of Information
SOC	Sociology	LS&A	College of Literature, Science, and the Arts
STATS	Statistics	LS&A	College of Literature, Science, and the Arts
STRATEGY	Strategy	Ross	Ross School of Business
SURVMETH	Program in Survey Methodology	ISR	Institute for Social Research
TO	Technology and Operations	Ross	Ross School of Business
URP	Urban and Reginal Planning	Taubman	Taubman College of Architecture and Urban Planning