



## Graduate and Undergraduate Courses List & Equivalencies

Graduate Courses	Undergraduate Equivalent	Prerequisites
AC 611 - Financial Accounting Problems I	AC 311	Not open to students who took AC 311. Pre-req: GB 112 & GB 212 (GR 524)
AC 612 - Financial Accounting Problems II	AC 312	Not open to students who took AC 312. Pre-req: AC 311 (AC 611)
AC 621 - Cost Accounting	AC 310	Not open to students who took AC 310. Pre-req: GB 112 & GB 212 (GR 524)
AC 713 - Advanced Topics in Financial Accounting		Pre-req or Co-req: AC 312 (AC 612)
AC 714 - Business Reporting and Analysis		Pre-Req: AC 311 (AC 611)
AC 730 - Business Processes and Controls Assessment	AC 340	Not open to students who took AC 340. Pre-req: None; Recommended: GB 310 (GR 602)
AC 731 - Advanced Accounting Information Systems: Modeling Effective Accounting Systems		Pre-req: AC 340 (AC 730)
AC 741 - Financial Statement Auditing	AC 470	Not open to students who took AC 470. Pre-req: AC 311 (AC 611) and AC 340 (AC 730)
AC 742 - Information Technology Auditing	AC 475	Not open to students who took AC 475. Pre-req: AC 470 (AC 741) or AC 472 (AC 744)
AC 744 - Internal Auditing	AC 472	Not open to students who took AC 472. Pre-req: None, Recommended: AC 340 (AC 730)
AC 750 - Federal Income Taxation	AC 350	Not open to students who took AC 350. Pre-req: None
AC 753 - Tax Factors in Business Decisions	AC 450	Not open to students who took AC 450. Pre-req: AC 350 (AC 750)
AC 754 - Accounting for Incomes Taxes		Pre-req: AC 312 (AC 612) and AC 350 (AC 750)
AC 771 - Governmental Accounting, Reporting and Auditing	AC 331	Not open to students who took AC 331. Pre-req: GB 112 & GB 212 (GR 524) and AC 311 (AC 611)
AC 772 - Principles of Fraud Investigation	AC 332	Not open to students who took AC 332. Pre-req: GB 112 & GB 212 (GR 524) and AC 311 (AC 611)
AC 773 - Fraud and Forensic Accounting		Pre-req: AC 311 (AC 611), Recommended: AC 312 (AC 612)
AC 777 - Accounting Analytics in Practice		Pre-req: [AC 475 (AC 742) or AC 350 (AC 750) or (TX 601)] and [MA 346 (MA 705) or MA 252 (ST 625)] and [CS 350 (CS 605) or (AC 731)]
AC 781 - International Dimensions of Accounting	AC 381	Not open to students who took AC 381. Pre-req: GB 112 & GB 212 (GR 524) or AC 311 (AC 611), Recommended: AC 312 (AC 612)
AC 793 - Professional Accounting Research and Policy		Pre-req: AC 312 (AC 612), AC 340 (AC 730), and AC 470 (AC 741)
AC 799 - Experimental Course in Accounting		varies by topic
CS 602 - Data-Driven Development with PythonData-Driven Development with Python	CS 230	Not open to students who took CS 230. Pre-req: None
CS 603 - Algorithmic Thinking with Java	CS 180 & CS 280	Not open to students who took both CS 180 and CS 280. Pre-req: None (Course will not be offered after Fall 2021.)
CS 605 - Data Management and SQL for Analytics	CS 350	Pre-req: None; Recommended: CS 150 or MA 346 (MA 705)
CS 607 - Cybersecurity		Pre-req: None
CS 610 - Enterprise Architecture		Pre-req: None (Course will not be offered after Fall 2021.)
CS 612 - Cloud-Based Enterprise Applications		Pre-req: CS 230 (CS 602) and CS 350 (CS 605) (Course will not be offered after Fall 2022.)
CS 620 - Software Project Management		Pre-req: CS 230 (CS 603), CS 350 (CS 605), and CS 610 (Course will not be offered after Spring 2022.)
CS 650 - Data Analytics Architectures with Big Data		Pre-req: CS 230 (CS 602) and CS 350 (CS 605)
CS 680 - Mobile Application Development	CS 380	Not open to students who took CS 380. Pre-req: CS 180 & CS 280 (CS 603), and Pre- or Co-Req CS 350 (CS 605) (Course will not be offered after Spring 2022.)
CS 703 - Looking into the Future: Automation and Digital Technologies		Pre-req: None
CS 733 - Artificial Intelligence Techniques and Applications		Pre-req: CS 230 (CS 602); Recommended: CS 350 (CS 605)
CS 740 - Network and Systems Security		Pre-req: CS 607 and CS 610
CS 753 - Business Intelligence Methods and Technologies		Pre-req: CS 350 (CS 605)

CS 795 - Special Topics Seminar		varies by topic
CS 799 - Experimental Course in CS		varies by topic
CS 801 - Information Technology Management and Policy		Pre-req: None
EC 611 - The Macroeconomics of Financial Markets	EC 225/EC 441	For students in the Economics-Finance major, they can take EC 611 instead of EC 225 & EC 441 and must add another EC elective in the major. If a student is in a major that does not require EC 441, they can take EC 611 in lieu of EC 225 and cannot take EC 441. Pre-req: EC 111 & EC 112
EC 621 - Business and Economic Forecasting	EC 282	Not open to students who have completed EC 282. Pre-req: GB 213 (GR 521) and Pre- or Co-Req EC 111 & EC 112 (GR 522), Recommended: MA 252 (ST 625)
EC 631 - Market Structure and Firm Strategy	EC 374	Not open to students who took EC 374. Pre-req: EC 111 & EC 112 (GR 522)
EC 655 - The Economics of Globalization	EC 311/EC 315/EC 321	Not open to students who have completed EC 311, EC 315, AND EC 321. Pre-req: EC 111 & EC 112 (GR 522)
EC 799 - Experimental Course in EC		varies by topic
ETH 700 - Ethical Issues in Corporate Life	PH 130 or PH 133	Not open to students who have completed PH 130 or PH 133. Pre-req: None
ETH 750 - Managing Ethics in Organizations		Pre-req: None
ETH 810 - Research in Business Ethics		Pre-req: None
FI 623 - Investments	FI 306	Not open to students who have completed FI 306. Pre-req: FI 305 (FI 625)
FI 625 - Corporate Finance: Theory, Tools and Concepts	FI 305	Not open to students who have completed FI 305. Pre-req: GB 112 & GB 212, Recommended: Math I, GB 213
FI 627 - Corporate Finance: Applications and Adv Topics	FI 307	Not open to students who have completed FI 307. Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625)
FI 631 - Financial Modeling	FI 347	Not open to students who have completed FI 347. Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625); Recommended: FI 306 (FI 623) or FI 307 (FI 627)
FI 635 - Fixed Income Valuation and Strategies	FI 331	Not open to students who have completed FI 331. Pre-req: FI 306 (FI 623)
FI 640 - Equity Valuation	FI 315	Not open to students who have completed FI 315. Pre-req: FI 306 (FI 623)
FI 645 - Derivatives	FI 335	Not open to students who have completed FI 335. Pre-req: FI 306 (FI 623)
FI 650 - Quantitative Investment Management	FI 312	Not open to students who have completed FI 312. Pre-req: FI 306 (FI 623)
FI 685 - Financial Strategy		Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625); Recommended: FI 306 (FI 623) or FI 307 (FI 627)
FI 730 - Management of Financial Institutions		Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625); Recommended: FI 306 (FI 623) or FI 307 (FI 627)
FI 735 - Mergers and Acquisitions	FI 372	Not open to students who have completed FI 372. Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625); Recommended: FI 306 (FI 623) or FI 307 (FI 627)
FI 751 - International Financial Management	FI 351	Not open to students who have completed FI 351. Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625); Recommended: FI 306 (FI 623) or FI 307 (FI 627)
FI 774 - Computational Finance		Pre-req: MA 131 & MA 139 (GR 526) and FI 306 (FI 623)
FI 787 - Large Investments and International Project Finance	FI 352	Not open to students who have completed FI 352. Pre-req: GB 112 & GB 212 (GR 525) and FI 305 (FI 625); Recommended: FI 306 (FI 623) or FI 307 (FI 627)
FI 799 - Experimental Course in FI		varies by topic
<b>GR at the 500-level courses:</b> GR 521 Managerial Statistics (GB 213) GR 522 Economic Environment of the Firm (EC 111 & 112) GR 523 Marketing Management (GB 214) GR 524 Accounting for Decision-Making (GB 112 & 212) GR 525 Fin Statement Analysis for Decision-Making (GB 112 & 212)		Not open to ASB students unless indicated by program director.
GR 526 - Calculus	MA 131 and MA 139	Not open to ASB students. (Please note: MA 139 or GR 526 is a prerequisite for FI 774.)
GR 601 - Strategic Information Technology Alignment		One of the MBA Core Courses. ASB students with an Arts and Sciences major should take GR 601.
GR 602 - Business Process Management		One of the MBA Core Courses. ASB students with a business major should take GR 602 in lieu of GB 310. ASB students with an Arts and Sciences major should take GR 602 as an unrestricted elective. Pre-req: GB 213 (GR 521), EC 111 & EC 112 (GR 522), GB 214 (GR 523), GB 112 & GB 212 (GR 524 & GR 525) and at least 51 completed and in progress credits
GR 603 - Leading Responsibly	MG 241	One of the MBA Core Courses. Pre-req: None, Recommended: GB 215
GR 604 - Global Strategy	GB 410	One of the MBA Core Courses. ASB students with a business major should take GR 604 in lieu of GB 410. ASB students with an Arts & Science major should take GR 601 instead but can take GR 604 as a business elective. Pre-req: GB 213 (GR 521), EC 111 & EC 112 (GR 522), GB 214 (GR 523), GB 112 & GB 212 (GR 524 & GR 525) and at least 81 completed and in progress credits

GR 606 - Designing for the Value Chain		One of the MBA Core Courses. Pre-req: GB 213 (GR 521), EC 111 & EC 112 (GR 522), GB 214 (GR 523), GB 112 & GB 212 (GR 524 & GR 525) and at least 51 completed and in progress credits
GR 645 - Law, Ethics and Social Responsibility	GB 110	One of the MBA Core Courses. Pre-req: None
GR 699 - Developing Leaders for Global Sustainability		Pre-req: None
GR 735 - Corporate Immersion		Not open to students who have taken MK 735. Pre-req: GB 214 (GR 523), GB 112 & GB 212 (GR 524 & GR 525)
<b>HF Graduate Courses:</b> HF 700 Foundations in Human Factors HF 710 Managing a User-Centered Design Team HF 715 Innovation Boot Camp HF 720 Localization and the Global Market HF 725 User Experience Leadership and Management HF 730 Visualizing Information HF 740 Information Architecture: User-Centered Design for the World Wide Web HF 750 Testing and Assessment Programs HF 751 Measuring the User Experience HF 760 Intelligent User Interfaces HF 761 Mobile Design HF 765 Emerging Interfaces HF 766 Multimodal Experience Design HF 770 Prototyping and Interaction Design HF 780 Field Methods HF 785 Ethnography for Experience Design HF 795 Research Methods for Human Factors		ASB students are not allowed to take any HF graduate courses.
IDCC 620 - Managerial Communication		Pre-req: None, Recommended: EXP I
IDCC 711 - Argumentation Strategies for Business		Pre-req: None
IPM 652 - Managing with Analytics		Pre-req: None
IPM 723 - Information Security, Controls and Ethics		Pre-req: None
IPM 740 - Enterprise Systems Planning and Configuration		Pre-req: GB 310 (GR 602) or AC 340 (AC 730)
LA 701 - Business Law	LA 210	Not open to students who have completed LA 210. Pre-req: None
LA 715 - International Business Law	LA 308	Not open to students who have completed LA 308. Pre-req: None
LA 730 - Real Estate Law		Pre-req: None
MA 610 - Optimization and Simulation for Business Decisions	MA 223	Not open to students who have completed MA 223. Pre-req: GB 213 (GR 521)
MA 611 - Time Series Analysis		Not open to students who have completed EC 282 (EC 621). Pre-req: MA 252 (ST 625)
MA 705 - Data Science	MA 346	Not open to students who have MA 346. Pre-req: GB 213 (GR 521), Recommended: CS 230 (CS 602)
MA 706 - Design of Experiments for Business	MA 255	Not open to students who have completed MA 255. Pre-req: MA 252 (ST 625)
MA 707 - Introduction to Machine Learning		Pre-req: ST 635 and MA 346 (MA 705)
MA 710 - Data Mining		Pre-req: ST 635
MA 755 - Special Topics in Mathematical Science		varies by topic
MA 755B - Special Topics in MA		Pre-req: GB 213 (GR 521) and (CS 350) CS 605
MA 799 - Experimental Course in MA		varies by topic
ST 625 - Quantitative Analysis for Business	MA 252	Not open to students who have completed MA 252. Pre-req: GB 213, Recommended: MA 139 and MA 214
ST 635 - Intermediate Statistical Modeling for Business		Pre-req: MA 252 (ST 625)
MG 600 - Entrepreneurial Thinking	MG 335	Not open to students who have completed MG 335. Pre-req: None, Recommended: GB 215
MG 630 - Emotionally Intelligent Leadership	MG 242	Not open to students who have completed MG 242. Pre-req: None, Recommended: GB 215
MG 632 - Leading Effective Work Teams		Pre-req: None, Recommended: GB 215
MG 635 - Negotiating	MG 360	Not open to students who have completed MG 360. Pre-req: None, Recommended: GB 215
MG 638 - Corporate Governance		Pre-req: None, Recommended: GB 215
MG 640 - Managing Strategic Alliances	MG 337	Not open to students who have completed MG 337. Pre-req: None, Recommended: GB 215

MG 645 - Leading Change		Pre-req: None, Recommended: GB 215
MG 646 - Leading Technology-Based Organizations		Pre-req: None, Recommended: GB 215
MG 647 - Leading Effectively in Global Business Environments	MG 332	Not open to students who have completed MG 332. Pre-req: None, Recommended: GB 215
MG 651 - Project Management	MG 343	Not open to students who have completed MG 343. Pre-req: None, Recommended: GB 215
MG 652 - Strategic Innovation		Pre-req: None, Recommended: GB 215
MG 653 - Leading Service Innovation	MG 316	Not open to students who have completed MG 316. Pre-req: None, Recommended: GB 215
MG 654 - Leading for Quality	Course # TBD	Not open to students who have completed equivalent Course # TBD. Pre-req: None, Recommended: GB 215
MG 657 - Lean Process Improvement	Course # TBD	Not open to students who have completed equivalent Course # TBD. Pre-req: None, Recommended: GB 215
MG 661 - Management Across Cultures	MG334	Not open to students who have completed MG 334. Pre-req: None, Recommended: GB 215
MG 670 - Leading in a Diverse Workplace	MG 228	Not open to students who have completed MG 228. Pre-req: None, Recommended: GB 215
MG 704 - Management Consulting Skills	MG 341	Not open to students who have completed MG 341. Pre-req: None, Recommended: GB 215
MG 755 - Special Topics in Management		varies by topic
MG 799 - Experimental Course in MG		varies by topic
MK 612 - Strategic Marketing		Pre-req: GB 214 (GR 523)
MK 711 - Marketing Research and Analysis	MK 322	Not open to students who have completed MK 322. Pre-req: GB 213 (GR 521) and GB 214 (GR 523)
MK 712 - Consumer and Buyer Behavior	MK 321	Not open to students who have completed MK 321. Pre-req: GB 214 (GR 523)
MK 713 - Marketing Promotion and Communication	MK 332	Not open to students who have completed MK 332. Pre-req: GB 214 (GR 523)
MK 715 - New Products: Planning, Developing and Marketing	MK 330	Not open to students who have completed MK 330. Pre-req: GB 214 (GR 523)
MK 716 - International Marketing	MK 367	Not open to students who have completed MK 367. Pre-req: GB 214 (GR 523)
MK 718 - Marketing of Services		Pre-req: GB 214 (GR 523)
MK 725 - E-Marketing	MK 361	Not open to students who have completed MK 361. Pre-req: GB 214 (GR 523)
MK 726 - Customer Data Analysis and Relationship Marketing	MK 340	Not open to students who have completed MK 340. Pre-req: GB 214 (GR 523)
MK 735 - Marketing Corporate Immersion		Pre-req: GB 214 (GR 523)
MK 755 - Special Topics in Marketing		varies by topic
MK 758 - Enhancing Creativity		Pre-req: None
MK 799 - Experimental Course in MK		varies by topic
TX 600 - Professional Tax Practice		Pre-req: None
TX 601 - Federal Taxation of Income		Not open to students who have completed or are required to take AC 350 (AC 750)
TX 602 - Transactions		Pre-req: None
TX 603 - Corporations and Shareholders		Pre-req: None
TX 604 - Multi-Jurisdictional Taxation		Pre-req: None
TX 704 - Federal Taxation of Income from Trusts and Estates		Pre-req: None
TX 707 - Pass-Through Entities and Closely Held Businesses		Pre-req: None
TX 711 - Mergers and Acquisitions		Pre-req: None
TX 731 - Investment Companies and Other Financial Products		Pre-req: None
TX 732 - Intellectual Properties		Pre-req: None
TX 733 - Tax Aspects of Buying and Selling a Business		Pre-req: None
TX 741 - Tax Accounting Problems		Pre-req: None
TX 755 - Special Topics Seminar in Taxation		varies by topic
TX 761 - State and Local Tax Practice		Pre-req: None
TX 771 - International Tax Practice		Pre-req: None

TX 791 - Practicum in Low-Income Taxpayer Clinic		TX 600 and TX 601 and instructor permission
TX 799 - Tax Special Topics		Pre-req: None