Revised Academic year 2019/2010:

**Assurance of Learning Course Coordinators by Program**

**UNDERGRADUATE COURSES**

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| Program | Course | Course Title | Course Coordinator |
| BSB | BT 100 | Principles of Management  | Zvi Aronson |
| BSB | BT 181 | Seminar in Business | Kaufman |
| BSB | BT 200 | Financial Accounting | Elaine Henry |
| BSB | BT 214 | Market Research | Gaurav Sabnis |
| BSB | BT 214 | Market Research | Gaurav Sabnis |
| BSB | BT 215 | Managerial Accounting | Elaine Henry |
| BSB | BT 221 | Statistics | Richard Anderson |
| BSB | BT 223 | Applied Models & Simulation | Kevin Ryan |
| BSB | BT 243 | Macroeconomics | Richard Anderson |
| BSB | BT 244 | Microeconomics | Richard Anderson |
| BSB | BT 301 | Strategy | George Calhoun |
| BSB | BT 302 | The Business Model  | George Calhoun |
| BSB | BT 310 | Programming for Mobile Applications | Kevin Ryan |
| BSB | BT 321 | Corporate Finance | Hamed Ghoddusi |
| BSB | BT 322 | Capital Markets | Gonzalez-Corzo |
| BSB | BT 325 | Financial Reporting & Analysis | Elaine Henry |
| BSB | BT 330 | Social Psychology & Organizational Behavior | Zvi Aronson |
| BSB | BT 333 | Data Base Management  | Joseph Morabito |
| BSB | BT 343 | Intermediate macro-economics  | Joelle Saad-Lessler |
| BSB | BT 350 | Marketing | Gaurav Sabnis |
| BSB | BT 353 | Introduction to Project Management | Donald Lombardi |
| BSB | BT 360 | International Business |  |
| BSB | BT 372 | Disc & Commercialization of Tech. Bus. Opportunity | Yan Chen |
| BSB | BT 401 | Capital Structure & Strategy Audit  | George Calhoun |
| BSB | BT 403 | Marketing Strategy and Decision Making | Gaurav Sabnis |
| BSB | BT 411 | Bus. Consulting In Engineering Design 1 | Celia Harquail |
| BSB | BT 412 | Bus. Consulting In Engineering Design 1 | Celia Harquail |
| BSB | BT 413 | Business Law, Ethics, and Negotiations | Jordan Brian　 |
| BSB | BT 416 | Business Process Management | Michael zur Muehlen |
| BSB | BT 419 | Entrepreneurship Practicum | Andrew Long |
| BSB | BT 421 | Systems Analysis and Design | Christopher Asakiewicz |
| BSB | BT 422 | Decision Making | Peter Dominick |
| BSB | BT 425 | Portfolio Management | Jonathan Kaufman |
| BSB | BT 426 | Securities Valuation | Jonathan Kaufman |
| BSB | BT 435 | Social Networking: A Marketing Perspective | Jeffrey Nickerson |
| BSB | BT 440 | Money, Banking and Financial Institutions | Stefano Bonini |
| BSB | BT 442 | Fixed income analysis  | Stefano Bonini |
| BSB | BT 445 | Virtual and physical consumer Behavior | Adriana Madzharov |
| BSB | BT 447 | Creativity and Innovation | Yan Chen |
| BSB | BT 465 | Integrated Marketing Communications | Sara Garibaldi  |
| BSB | BT 615 | Finance Decision Making | Jim Biagi |
| BSB | MIS 201 | Fundament. of Info Systems | Michael zur Muehlen |
| BSB | MIS 460 | IT Strategy: Strategic Issues in IT Management | Michael Parfett |
| BSB | QF 430 | Intro to Derivatives | Goel |

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| Program | Course | Course Title | Course Coordinator |
| QF | CS 115/181 | Introduction to Computer Science / Introduction to Computer Science Honors I | 　 |
| QF | CS 284/182 | Data Structures / Introduction to Computer Science, Honors II | 　 |
| QF | MA 121/122  | Introduction to Calculus / Calculus 1A | 　 |
| QF | MA 123/124  | Calculus 2A / Calculus 2B | 　 |
| QF | MA 221 | Differential Equations | 　 |
| QF | MA 230 | Multivariate Analysis & Optimization | 　 |
| QF | MA 450 | Special Topics | 　 |
| QF | QF 101 | Introduction to Quantitative Finance I | 　Calhoun |
| QF | QF 102 | Introduction to Quantitative Finance II | 　Calhoun |
| QF | QF 103 | Basic Financial Tools | 　Wang |
| QF | QF 104 | Data Management in R | 　Kazeem |
| QF | QF 200 | Financial Econometrics | 　Anderson |
| QF | QF 202 | Introduction to Financial Time Series | 　Florescu |
| QF | QF 203 | 　 | 　 |
| QF | QF 221 | 　 | 　 |
| QF | QF301 | Advanced Time Series Analytics and Machine Learning | 　Creamer |
| QF | QF302 | Financial Market Microstructure and Trading | 　Creamer |
| QF | QF303 | 　 | 　 |
| QF | QF343 | 　Intro: Stochastic Calc for Finance | 　Lonon |
| QF | QF365 | Data Structures and Algorithms in C++ | 　 |
| QF | QF401 | Senior Design Research Project in Quantitative Finance I | 　Ghoddusi |
| QF | QF402 | Senior Design Research Project in Quantitative Finance II | 　Ghoddusi |
| QF | QF427/428 | Investment Practicum | Kaufman |
| QF | QF430 | Introduction to Derivatives | 　Goel |
| QF | QF435 | Risk Management for Capital Mkts | 　Lonon |
| QF | QF465 | C++ for Finance | 　 |

**GRADUATE COURSES**

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| Program | Course | Course Title | Course Coordinator |
| BIA | BIA 650 | Optimizations and Process Analytics  | Edward Stohr |
| BIA | BIA 652 | Multivariate Data Analytics  | Amirhossein Gandomi |
| BIA | BIA 654 | Experimental Design | Chihoon Lee |
| BIA | BIA 656 | Advanced Data Analytics & Machine Learning  | German Creamer |
| BIA | BIA 658 | Social Network Analytics  | Feng Mai |
| BIA | BIA 660 | Web Mining | Theodoros Lappas |
| BIA | BIA 662 | Cognitive Computing | Christopher Asakiewicz |
| BIA | BIA 664 | Data & Information Quality | Mahmoud Daneshmand |
| BIA | BIA 670 | Risk Management & Simulation | Ricardo Collado |
| BIA | BIA 672 | Marketing Analytics | Khasha Dehnad |
| BIA | BIA 674 | Supply Chain Analytics | Panagiotis Repoussis |
| BIA | BIA 676 | Data Stream Analytics: The Internet of Things  | Mahmoud Daneshmand |
| BIA | BIA 678 | Big Data Technologies | David Belanger |
| BIA | BIA 686 | Practicum in Analytics | Christopher Asakiewicz |
| BIA | MIS 630 | Data Management  | Joseph Morabito |
| BIA | MIS 636 | Data Warehousing & Business Intelligence | Joseph Morabito |
| BIA | MIS 637 | Data Analytics & Machine Learning | Mahmoud Daneshmand |
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| Program | Course | Course Title | Course Coordinator |
| MSIS | BIA 660 | Web Mining | Theodoros Lappas |
| MSIS | BIA 658 | Social network analytics  | Feng Mai |
| MSIS | FIN 545 | Risk Management for Financial Cybersecurity | Paul Rohmeyer |
| MSIS | FIN 615 | Financial Decision Making | 　 |
| MSIS | MGT 609 | Project Management Fundamentals | Andrew Long |
| MSIS | MGT 689 | Organizational Behavior and Design | Pat Holahan |
| MSIS | MIS 620 | Analysis and Development of Info Systems | Tal Ben-Zvi |
| MSIS | MIS 630 | Data Management | Joseph Morabito |
| MSIS | MIS 635 | Designing the Knowledge Organization  | Joseph Morabito |
| MSIS | MIS 636 | Data Warehousing and Business Intelligence  | Joseph Morabito |
| MSIS | MIS 637 | Data Analytics & Machine Learning  | Joseph Morabito |
| MSIS | MIS 699 | Managing Emerging Information Technology | Aron Lindberg |
| MSIS | MIS 710 | Process Innovation and Management | Edward Stohr |
| MSIS | MIS 712 | BPM and Workflow Implementation | Michael zur Muehlen |
| MSIS | MIS 714 | Service Innovation | Michael zur Muehlen |
| MSIS | MIS 730 | Integrating IS Technologies | Jeffrey Nickerson |
| MSIS | MIS 760 | IT Strategy | Michael Parfett |
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| Program | Course | Course Title | Course Coordinator |
| MFIN | BIA 656 | Statistical Learning and Analytics | Dragos Bozdog |
| MFIN | FE 511 | Introduction to Bloomberg and Thomson Reuters | 　 |
| MFIN | FE 535 | Introduction to Financial Risk Management | Majeed Simaan　 |
| MFIN | FIN 510 | Financial Statement Analysis | 　Mark Hefter |
| MFIN | FIN 530 | Investment Banking | Vasilios Katsikiotis |
| MFIN | FIN 545 | Risk Management for Financial Cybersecurity | Paul Rohmeyer　 |
| MFIN | FIN 560 | Federal Taxation of Individuals | James Biagi |
| MFIN | FIN 600 | Financial and Managerial Accounting | James Biagi |
| MFIN | FIN 620 | Financial Econometrics | Hamed Ghoddusi |
| MFIN | FIN 623 | Financial Management | Stefano Bonini / Victor Luo |
| MFIN | FIN 626 | Venture Capital | Stefano Bonini |
| MFIN | FIN 627 | Investment Management | Emmanuel Hatzakis |
| MFIN | FIN 628 | Derivatives | Emmanuel Hatzakis |
| MFIN | FIN 629 | Fixed Income | Suman Banerjee |
| MFIN | FIN 638 | Corporate Finance | Stefano Bonini / Anand Goel |
| MFIN | MGT 606 | Economics for Managers | Joelle Saad-Lessler |
| MFIN | MGT 609 | Project Management Fundamentals | Thomas Lechler |
| MFIN | MGT 620 | Statistical Models | Richard Anderson |
| MFIN | MGT 700 | Econometrics | Hamed Ghoddusi |
| MFIN | MIS 636 | Data Warehousing and Business Intelligence  | Joseph Morabito |
| MFIN | MIS 710 | Process Innovation and Management | Edward Stohr |
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| Program | Course | Course Title | Course Coordinator |
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|  Financial Engineering |  FE505 | Technical Writing in Finance |  Florescu |
| Financial Engineering | FE 511 | Introduction to Bloomberg and Thomson Reuters  | 　Florescu/Bozdog |
| Financial Engineering | FE 513 | Practical Aspects of Database Design | 　Florescu/Bozdog |
| Financial Engineering | FE 522 | C++ Programming in Finance | 　Florescu/Bozdog |
| Financial Engineering | FE 535 | Introduction to Risk Management | 　Majeed Simaan |
| Financial Engineering | FE 541 | Applied Statistics with Applications in Finance | 　Florescu |
| Financial Engineering | FE 542 | Time Series and Applications to Finance | 　Florescu |
| Financial Analytics | FE 543 | Intro to Stochastic Calculus for Finance | Lonon |
| Financial Engineering | FE 545 | Design, Patterns and Derivatives Pricing | 　Florescu |
| Financial Engineering | FE 550 | Data Visualization Applications | 　Florescu |
| Financial Engineering | FE 570 | Market Microstructure and Trading Strategies | 　Florescu |
| Financial Engineering | FE 582 | Foundations of Financial Data Science  | 　Bozdog |
| Financial Engineering | FE 590 | Introduction to Knowledge Engineering | 　Lonon |
| Financial Engineering | FE 595 | Financial Systems Technology | 　Florescu |
| Financial Engineering | FE 610  | Stochastic Calculus for Financial Engineers | 　Lonon |
| Financial Engineering | FE 620 | Pricing and Hedging | 　Bozdog |
| Financial Engineering | FE 621  | Computational Methods in Finance | 　Florescu |
| Financial Engineering | FE 630 | Portfolio Theory and Applications | 　Ndiaye |
| Financial Engineering | FE 635 | Financial Enterprise Risk Engineering | 　Eroles |
| Financial Engineering | FE 655 | Systemic Risk and Financial Regulation | 　Khashanah |
| Financial Engineering | FE 670 | Algorithmic Trading Strategies | 　Yang |
| Financial Engineering | FE 680 | Advanced Derivatives | 　Bozdog |
| Financial Engineering | FE 800 | Special Problems in Financial Engineering | 　Khashanah/Cui |
| Financial Engineering | FE 900 | Thesis in Financial Engineering | 　Thesis Advisor |
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| Program | Course | Course Title | Course Coordinator |
| Financial Analytics | BIA 656  | Statistical Learning & Analytics | German Creamer |
| Financial Analytics | BIA 678 | Big Data Seminar | David Belanger |
| Financial Analytics | CS 513 | Knowledge Discovery and Data Mining | 　 |
| Financial Analytics | EM 622 | Data Analysis & Visualization for Decision-Making | 　 |
| Financial Analytics | FE 513 | Practical Aspects of Database Design | 　Florescu/Bozdog |
| Financial Analytics | FE 530 | Introduction to Financial Engineering | 　Kaufman |
| Financial Analytics | FE 535 | Introduction to Financial Risk Management | 　Majeed Simaan |
| Financial Analytics | FE 541 | Applied Statistics with Applications in Finance  | 　Florescu |
| Financial Analytics | FE 542 | Time Series with Applications to Finance | 　Florescu |
| Financial Analytics | FE 543 | Intro to Stochastic Calculus for Finance | Lonon |
| Financial Analytics | FE 550 | Data Visualization Application | 　Moriarty |
| Financial Analytics | FE 582 | Foundations of Data Science | 　Bozdog |
| Financial Analytics | FE 590 | Introduction to Knowledge Engineering | 　Lonon |
| Financial Analytics | FE 595 | Financial Systems Technology | 　Blaney |
| Financial Analytics | FE 630 | Portfolio Theory and Applications | 　Ndiaye |
| Financial Analytics | FE 800 | Special Projects in Financial Engineering | 　Cui |
| Financial Analytics | MA 641 | Time Series Analysis I | 　 |
| Financial Analytics | MIS 637 | Knowledge Discovery in Databases | Joseph Morabito / Mahmoud Daneshmand |
| Financial Analytics | MA 641 | Time Series Analysis I | 　 |
| Financial Analytics | MIS 637 | Knowledge Discovery in Databases | Joseph Morabito / Mahmoud Daneshmand |

Graduate Management Programs Course Coordinators

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| **Program** | **Course** | **Course Title** | **Course Coordinator** |
| MSTM/EMBA | BIA 678 | Big Data Seminar | [Alkis](https://na72.salesforce.com/003A00000151Xdq) Vazacopoulos |
| MSTM/EMBA | EMT 606 | Economics  | [Joelle](https://na72.salesforce.com/003A0000012djzz) Saad-Lessler |
| MSTM/EMBA | EMT 624 | Financial Management for Technical Organizations | [Stefano](https://na72.salesforce.com/003A0000012djvc) Bonini |
| MSTM/EMBA | EMT 630 | Global Business & Markets | Brian Rothschild |
| MSTM/EMBA | EMT 635 | Managerial Judgment and Decision Making | Pete Dominick |
| MSTM/EMBA | EMT 638 | Corporate Finance | Stefano Bonini |
| MSTM/EMBA | EMT 642 | Marketing Strategy | [Gary Lynn](https://na72.salesforce.com/003A0000012djzt) |
| MSTM/EMBA | EMT 657 | Operations Management | Alkis Vazacopoulos |
| MSTM/EMBA | EMT 695 | Leading Creative Collaboration | [Pamela](https://na72.salesforce.com/003A0000012djzd) Burke |
| MSTM/EMBA | EMT 696 | Human-Centered Design Thinking | [Peter Koen](https://na72.salesforce.com/003A0000012dk3t) |
| MSTM/EMBA | EMT 714 | Technology Strategy | Michael Frank |
| MSTM/EMBA | EMT 715 | Strategic Management | [Murad](https://na72.salesforce.com/003A0000012djwC) Mithiani |
| MSTM/EMBA | EMT 740 | Team Leadership Development | [Pete](https://na72.salesforce.com/003A0000012djwC) Dominick |
| MSTM/EMBA | EMT 752 | Corporate Entrepreneurship | [Peter Koen](https://na72.salesforce.com/003A0000012dk3t) |
| MSTM/EMBA | EMT 798 | Integration & Application of TM | [Brian](https://na72.salesforce.com/003A0000012djwC) Rothschild & Allen Ginsberg |
| MSTM/EMBA | FIN 623 | Financial Management | [Stefano](https://na72.salesforce.com/003A0000012djvc) Bonini |

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| **Program** | **Course** | **Course Title** | **Course Coordinator** |
| MSM | FIN 615 | Financial Decision Making | [Jim](https://na72.salesforce.com/003A0000012djvt) Biaggi |
| MSM | MGT 606 | Economics for Managers | [Joelle](https://na72.salesforce.com/003A0000012djzz) Saad-Lessler |
| MSM | MGT 609 | Project Management Fundamentals | [Thomas](https://na72.salesforce.com/003A0000012dk3x) Lechler |
| MSM | MGT 641 | Marketing Management | [Gary Lynn](https://na72.salesforce.com/003A0000012djzt) |
| MSM | MGT 657 | Operations Management | [Panagiotis Repoussis](https://na72.salesforce.com/003A0000014OhCP) |
| MSM | MGT 671 | Technology & Innovation Management | Thomas Lechler |
| MSM | MGT 689 | Organizational Behavior & Design | [Patricia Holahan](https://na72.salesforce.com/003A0000012dk3r) |
| MSM | MGT 699 | Strategic Management | [Murad Mithani](https://na72.salesforce.com/003A0000012dk43) |

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| **Program** | **Course** | **Course Title** | **Course Coordinator** |
| EPM | FIN 615 | Financial Decision Making | [Jim](https://na72.salesforce.com/003A0000012djvt) Biaggi |
| EPM | MGT 609 | Project Management Fundamentals | [Thomas](https://na72.salesforce.com/003A0000012dk3x) Lechler |
| EPM | MGT 610 | Strategic Perspectives on Project Management | [Thomas Lechler](https://na72.salesforce.com/003A0000012djvs) |
| EPM | MGT 611 | Project Analytics | [Tal Ben-Zvi](https://na72.salesforce.com/003A0000012djvK) |
| EPM | MGT 612 | Leader Development | [Peter Dominick](https://na72.salesforce.com/003A0000012djzd)/ Zvi Aronson |
| EPM | MGT 613 | Project Portfolio Management & Office | Robert Zotti |
| EPM | MGT 619 | Leading Across Projects | Pete Dominick |
| EPM | MGT 641 | Marketing Management | [Gary Lynn](https://na72.salesforce.com/003A0000012djzt) |
| EPM | MGT 699 | Strategic Management | [Murad Mithani](https://na72.salesforce.com/003A0000012dk43) |

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| **Program** | **Course** | **Course Title** | **Course Coordinator** |
| MBA | FIN 600 | Financial & Managerial Accounting | Jim Biaggi |
| MBA | FIN 623 | Financial Management | [Stefano](https://na72.salesforce.com/003A0000012djvc) Bonini |
| MBA | FIN 626 | Venture Capital | [Stefano Bonini](https://na72.salesforce.com/003A000001MTrZ9) |
| MBA | FIN 627 | Investment Management | [George Calhoun](https://na72.salesforce.com/003A0000012djvN) |
| MBA | FIN 628 | Derivatives | [German](https://na72.salesforce.com/003A0000012djvc) Creamer |
| MBA | FIN 638 | Corporate Finance | [Stefano Bonini](https://na72.salesforce.com/003A000001MTrZ9) |
| MBA | MGT 606 | Economics for Managers | [Joelle](https://na72.salesforce.com/003A0000012djzz) Saad-Lessler |
| MBA | MGT 609 | Project Management Fundamentals | [Thomas](https://na72.salesforce.com/003A0000012dk3x) Lechler |
| MBA | MGT 610 | Strategic Perspectives on Project Management | [Thomas Lechler](https://na72.salesforce.com/003A0000012djvs) |
| MBA | MGT 612 | Leader Development | [Peter Dominick](https://na72.salesforce.com/003A0000012djzd)/ Zvi Aronson |
| MBA | MGT 614 | Advanced Project Management | Tal Ben-Zvi |
| MBA | MGT 619 | Leading Across Projects | Pete Dominick |
| MBA | MGT 620 | Statistical Models | Richard Anderson |
| MBA  | MGT 630 | Global Business and Markets | Michael Parfett |
| MBA | MGT 635 | Managerial Judgment & Decision Making | [Peter Dominick](https://na72.salesforce.com/003A0000012djzd) |
| MBA | MGT 641 | Marketing Management | [Gary Lynn](https://na72.salesforce.com/003A0000012djzt) |
| MBA | MGT 657 | Operations Management | [Panagiotis Repoussis](https://na72.salesforce.com/003A0000014OhCP) |
| MBA | MGT 663 | Discovering & Exploiting Entrepreneurial Opportunities | [Thomas Lechler](https://na72.salesforce.com/003A0000012djvs) |
| MBA | MGT 671 | Technology & Innovation Management | Thomas Lechler |
| MBA | MGT 699 | Strategic Management | [Murad Mithani](https://na72.salesforce.com/003A0000012dk43) |
| MBA | MGT 695 | Leading Creative Collaboration | Pamela Burke |
| MBA | MGT 696 | Human-Centered Design | Peter Koen |
| MBA | MGT 798 | Integration and Application of TM | [Brian](https://na72.salesforce.com/003A0000012djgO) Rothschild & Allen Ginsberg |
| MBA | MGT 810 | Field Consulting Project | Brian Rothschild |
| MBA | BIA 600 | Business Analytics: Data, Models and Decisions | Alkis Vazacopoulos |
| MBA | BIA 610 | Applied Analytics | Jeffrey Knickerson |

**PHD COURSES**

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| Program | Course | Course Title | Course Coordinator |
| PhD in Business Administration | BIA 652 | Multivariate Data Analytics (TBD) | Amirhossein Gandomi |
| PhD in Business Administration | FIN 703 | Microeconomic Theory | Hamed Ghoddusi |
| PhD in Business Administration | FIN 704 | Econometrics | Joelle Saad-Lessler |
| PhD in Business Administration | FIN 705 | Asset Pricing Theory and Applications | Suman Banerjee |
| PhD in Business Administration | FIN 708 | Corporate Finance Theory and Applications | German Creamer |
| PhD in Business Administration | MA 701 | Statistical Inferences | Xiaohu Li |
| PhD in Business Administration | MGT 711 | Entrepreneurship & Innovation Management Research  | Thomas Lechler |
| PhD in Business Administration | MGT 719 | Research Design | Chihoon Lee |
| PhD in Business Administration | MGT 734 | Design Science Research Seminar | Jeffrey Nickerson |
| PhD in Business Administration | MGT 753 | Theory in Management Research | Ann Murphy |
| PhD in Business Administration | MGT 801 | Independent Study | n.a. |
| PhD in Business Administration | MIS 722 | Business Process Management & Innovation  | Michael zur Muehlen |
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| Program | Course | Course Title | Course Coordinator |
| PhD in Financial Engineering | FE 641 | Advanced Multivariate Statistics | 　Florescu I |
| PhD in Financial Engineering | FE 646 | Optimization Models and Methods in Finance | 　Moazeni S |
| PhD in Financial Engineering | MA 611 | Probability | 　Li X |
| PhD in Financial Engineering | MA 612 | Mathematical Statistics | 　Li X |
| PhD in Financial Engineering | MA 623 | Stochastic Processes | 　Li X |
| PhD in Financial Engineering | MA 629 | Convex Analysis and Optimization | 　Dentcheva D |
| PhD in Financial Engineering | MA 630 | Numerical Models of Optimization | 　Dentcheva D |
| PhD in Financial Engineering | MA 653 | Numerical Solutions of Partial Differential Equations | 　Li X |
| PhD in Financial Engineering | MA 655 | Optimal Control Theory | 　Dentcheva D |
| PhD in Financial Engineering | MA 661 | Dynamic Programming and Stochastic Optimal Control | 　Dentcheva D |
| PhD in Financial Engineering | MA 662 | Stochastic Programming | 　Dentcheva D |
| PhD in Financial Engineering | FE 710 | Applied Stochastic Differential Equations | 　Florescu I |
| PhD in Financial Engineering | FE 720 | Volatility Surface: Risk and Models  | 　Cui Z |
| PhD in Financial Engineering | FE 635 | Financial Enterprise Risk Engineering | 　Chatterjee R |
| PhD in Financial Engineering | FE 655 | Systemic Risk and Financial Regulation | 　Khashanah K |
| PhD in Financial Engineering | FE 622 | Simulation Methods in Comp. Finance and Economics | 　Yang S |
| PhD in Financial Engineering | FE 670 | Algorithmic Trading Strategies | 　Yang S |
| PhD in Financial Engineering | FE 672 | Modern Market Structure and HFT Strategies | 　Yang S |
| PhD in Financial Engineering | CS 541 | Artificial Intelligence | 　Shen J |
| PhD in Financial Engineering | CS 559 | Machine Learning: Fundamentals and Applications | 　Jalali S |
| PhD in Financial Engineering | CS 590 | Algorithms | 　Tsekourakis I |
| PhD in Financial Engineering | CS 600 | Advanced Algorithm Design and Implementation | 　Peyrovian R |
| PhD in Financial Engineering | BIA 658 | Social Network Analytics  | Feng Mai |
| PhD in Financial Engineering | BIA 810 | Cognitive Computing | 　Asakiewicz C |
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| Program | Course | Course Title | Course Coordinator |
| PhD in Data Science | BIA 652 | Multivariate Data Analytics  | Amirhossein Gandomi |
| PhD in Data Science | BIA 656 | Statistical Learning & Analytics  | German Creamer |
| PhD in Data Science | BIA 678 | Big Data Seminar | David Belanger |
| PhD in Data Science | BIO 668 | Computational Biology | 　 |
| PhD in Data Science | CH 644 | Computer Methods in Chemistry | 　 |
| PhD in Data Science | CH 760 | Chemoinformatics | 　 |
| PhD in Data Science | CHE 660 | Advanced Process Control | 　 |
| PhD in Data Science | CHE 661 | Design of Control Systems | 　 |
| PhD in Data Science | CPE 610 | Introduction to Bioinformatics Engineering | 　 |
| PhD in Data Science | CPE 686 | Software Tools in Bioinformatics | 　 |
| PhD in Data Science | CS 522 | Mobile Systems and Applications | 　 |
| PhD in Data Science | CS 541 | Artificial Intelligence | 　 |
| PhD in Data Science | CS 544 | Health Informatics | 　 |
| PhD in Data Science | CS 549 | Distributed Systems and Cloud Computing  | 　 |
| PhD in Data Science | CS 559 | Machine Learning: Fundamentals and Applications  | 　 |
| PhD in Data Science | CS 600 | Advanced Algorithm Design and Implementation | 　 |
| PhD in Data Science | CS 609 | Data Management and Exploration on the Web | 　 |
| PhD in Data Science | CS 691 | Introduction to System Biology | 　 |
| PhD in Data Science | CS 694 | Advanced Computational Modeling in Biology and Biomaterials Science | 　 |
| PhD in Data Science | FE 542 | Time Series with Applications to Finance | 　 |
| PhD in Data Science | FE 545 | Design Patterns and Derivative Pricing | 　 |
| PhD in Data Science | FE 546 | Optimization Models and Methods in Finance | 　 |
| PhD in Data Science | FE 550 | Data Visualization Applications | 　 |
| PhD in Data Science | FE 595 | Financial Systems Technology | 　 |
| PhD in Data Science | FE 610 | Stochastic Calculus for Financial Engineers | 　 |
| PhD in Data Science | FE 621 | Computational Methods in Finance | 　 |
| PhD in Data Science | FE 635 | Financial Enterprise Risk Engineering | 　 |
| PhD in Data Science | FE 655 | Systemic Risk and Financial Regulation | 　 |
| PhD in Data Science | FE 670 | Algorithmic Trading Strategies | 　 |
| PhD in Data Science | FE 680 | Advanced Derivatives | 　 |
| PhD in Data Science | FE 690 | Advanced Financial Analytics | 　 |
| PhD in Data Science | FIN 628 | Derivatives | German Creamer |
| PhD in Data Science | FIN 638 | Corporate Finance | Stefano Bonini |
| PhD in Data Science | FIN 703 | Microeconomic Theory | Ghoddusi |
| PhD in Data Science | FIN 704 | Econometrics | 　 |
| PhD in Data Science | FIN 705 | Asset Pricing Theory and Applications | Creamer |
| PhD in Data Science | MA 661 | Stochastic Optimal Control and Dynamic Programming | 　 |
| PhD in Data Science | MGT 719 | Research Methods | 　 |
| PhD in Data Science | PRV 961 | Doctoral Signature Credit Seminar | 　 |