

Northeastern University

In general, combined majors associated with eligible listed undergraduate majors will also be eligible to pursue the given Master's degree program. Students should check with their advisor to confirm eligibility.

Index: Bouvé CAMD COE COS CPS CSSH DMSB Khoury Law

Bouvé	MA/MS Degree Name		Grad Courses Recommended to be taken during Undergrad Program (Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
			In Bouvé ** many courses are 3 credits each so students may take up to five courses (15 credits) and still double count them in the PlusOne Pathway.
		Health Science, BS; Healthcare Administration (formerly Health Management);	PHTH 5212 - Public Health Administration and Policy PHTH 6200 - Principles and History of Urban Health PHTH 5120 - Race, Ethnicity and Health PHTH 6204 - Society, Behavior, and Health And in final UG semester, complete one of the following courses: PHTH 5214 - Environmental Health PHTH 5202 - Introduction to Epidemiology PHTH 5210 - Biostatistics in Public Health
	Master of Public Health	Bachelor of Science in Nursing (BSN)	There will be 5 unique course maps for BSN students on the 4- or 5-year plans. All students complete 12 credits: PHTH 5540: Health Education and Program Planning (online) PHTH 6200: Principles and History of Urban Health (online) And two of the following three courses depending on their co-op schedule: PHTH 5214: Environmental Health (online) PHTH 6208: Urban Community Health Assessment (online)
		BS Pharmacy Studies / Early Assurance PharmD	PHTH 5212 - Public Health Administration and Policy PHTH 5214 - Environmental Health PHTH 6200 - Principles and History of Urban Health PHTH 6204 - Society, Behavior, and Health
	Master of Public Health	All others	PHTH 5212 - Public Health Administration and Policy PHTH 5214 - Environmental Health PHTH 6200 - Principles and History of Urban Health PHTH 6204 - Society, Behavior, and Health
	Master of Science in Exercise Science	Majors in Health Science, Biology, Neuroscience, Engineering, Computer Science, Business and Students completing minors in Exercise Science, Nutrition	Prerequisite coursework: BIOL 1117 & BIOL 1119 - Anatomy & Physiology I and II, needed prior to EXSC 4500 EXSC 4500 - Exercise Physiology, needed before taking the grad courses Graduate Courses: EXSC 5210 - Physical Activity and Exercise: Prescription, Measurement, and Testing EXSC 5220 - Advanced Exercise Physiology EXSC 5220 - Cardiopulmonary Physiology or EXSC 5230 Physical Activity and Exercise: Effects on Musculoskeletal Health and Disease
			CAEP 6326 – Behavioral Concepts and Principles CAEP 6327 - Behavior Assessment CAEP 6328 - Research and Design Methods

		CAEP 6329 - Service Administration
		CAEP 6334 - Applied Programming Seminar 1 (COS)
		CAEP 6326 Behavioral Concepts and Principles (3 credits) counts for Advanced PSYC elective.
Master of Science in Applied Behavioral Analysis	BS Behavioral Neuroscience	CAEP 6327 Behavior Assessment (3 credits) counts for BNS Breadth course (substitute for PHYS 1 requirement)
		CAEP 6328 Research and Design Methods (3 credits) counts for BNS Core Research course CAEP 6329 Service Administration (3 credits) General elective for
		credit hours
		CAEP 6326 - Behavioral Concepts and Principles (3 credits) counts for Advanced PSYC elective.
	All others	CAEP 6327 - Behavior Assessment (3 credits) counts for BNS Breadth course (substitute for PHYS 1 requirement)
		CAEP 6328 - Research and Design Methods (3 credits) counts for BNS Core Research course
		CAEP 6329 - Service Administration (3 credits) General elective for credit hours
		Choose up to 16 SH from the following:
		MS Core:
		CAEP 5877 Research Methods in Applied Psychology (Fall)
		HLTH 5410 Introduction to Statistics in Health and Behavioral Science (Spring)
Master of Science in Applied Psychology	For undergraduate students in Psychology, Health Sciences, Human Services	Child, Adolescent and Family Psychology Concentration:
		CAEP 5150 Early Intervention: Family Systems (Fall)
		CAEP 5878 Pediatric Psychology (Fall)
		CAEP 5879 Trauma and mental health (Spring)
		Prevention Science Concentration:
		CAEP 5876 Mental Health Education and Program Planning (Spring)
		CAEP 6206 – Learning Principles
Master of Science Applied Educational	Developer PC	CAEP 6218- Infant, Child, and Adolescent Development
Psychology/School Psychology	Psychology, BS	CAEP 6247 – Child and Adolescent Psychopathology
		CAEP 6203 - Understanding Culture and Diversity
		PHSC 5100 -Concepts in Pharmaceutical Science (2 SH)
		CHEM 5628 -Principles of Spectroscopy of Organic Compounds (3 SH)
		CHEM 5626 -Organic synthesis I (3 SH)
Master of Science in Medicinal Chemistry and Drug	Pharmaceutical Sciences, BS	CHEM 5676 -Bioorganic Chemistry (3 SH)
Chemistry	and	
	All other BS programs with similar science-based courses	In addition to the courses listed above students can select from 5000 level (or higher if course is deemed appropriate for an undergraduate student) elective
		credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits that may count
		towards the MS degree up to a maximum of 16 shared credits.
		PHSC 5100 - Concepts in Pharmaceutical Science (2 SH)
		PHSC 5300 -Pharmaceutical Biochemistry (2 SH)
		PHSC 5310 - Cellular Physiology (2 SH)
	Pharmaceutical Sciences, BS	PMST 6250 - Advanced Physical Pharmacy (2 SH)
Master of Science in Pharmaceutics and Drug Delivery	and	
	All other BS programs with similar science based courses	In addition to the courses listed above students can select up to 8 SH from 5000 level (or higher if course is deemed appropriate for an undergraduate
		student) elective credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits
		that may count towards the MS degree up to a maximum of 16 shared credits.
		PHSC 5100 - Concepts in Pharmaceutical Science (2.5H)
		PHSC 5300 - Pharmaceutical Biochemistry (2 SH)
		PHSC 5310 - Cellular Physiology (2 SH)
	Pharmaceutical Sciences, BS	MCL 6260 - Pharmacology (2 SH)
Master of Science in Pharmacology	and	PMCL 6262 - Receptor Pharmacology (2 SH)
	All other BS programs with similar science-based courses	
		In addition to the courses listed above students can select from 5000 level (or higher if course is deemed appropriate for an undergraduate student) elective
		In addition to the course subjects above scatters can see that more than the course is determined appropriate to an undergraduate students can see the course subjects and undergraduate students can be course subjects. PMSC, PMST, NNMD, BIOL, CHEM to increase the number of shared graduate redits that may count
		towards the biologing course adjects in the rinke, must, many loc, bior, chew to increase the humber of shared graduate creats that may count towards the MS degree up to a maximum of 16 shared credits.
<u> </u>		Devision and an degree up of a maximum of to shared creats. PHSC 510 - Concepts in Pharmaceutical Science (2 SH)
		PhSC 530 - Pharmaceutical Biochemistry (2.5h) PhSC 5300 - Pharmaceutical Biochemistry (2.5h)
	Pharmaceutical Sciences, BS	PHSC 5300 - Printindeduction biochemistry (2 5H) PHSC 5310 - Cellular Physiology (2 SH)
Master of Science in Biomedical Sciences	and	The State Condition Hysiology (2 Sh)
Master of Science in Biomedical Sciences	All other BS programs with similar science-based courses	In addition to the courses listed above students can select up to 10 SH from 5000 level (or higher if course is deemed appropriate for an undergraduate
	An other bo programs with similar science-based courses	student) elective credits in the following course subjects: PHSC, PMLC, PMST, NNMD, BIOL, BIOT, CHEM to increase the number of shared graduate credits
		that may count towards the MS degree up to a maximum of 16 shared credits. SLPA6305 - Articulation & Phonology (Yr. 4/Fall) (3 SH)
		SLPA5109 - Neurology of Communication (Yr. 4/Fall) (3 SH)
		SLPA5109 - Neurology of Communication (Yr. 4/Fall) (3 SH) SLPA6340 - Language Disorders in Children 1 (Yr. 4/Fall) (3 SH)
Master of Science in Speech-Language Pathology	Speech-Language Pathology and Audiology, BS	SLPA5109 - Neurology of Communication (Yr. 4/Fall) (3 SH)

			SLPA6308 - Dysphagia (Yr. 4/Spring) (3 SH)
			SLPA6415 - SLP Advanced Clinical Practicum 1 (Yr. 4/Spring) (3 SH)
			SLPA6341 - Language Disorders in Children 2 (Yr. 4/Spring) (3 SH)
			HLTH 5410 (4SH)
			PT 5321 (4SH)
		Master of Science in Human Movement and Rehabilitation Sciences	and 2 electives from the following MIE electives:
	Master of Colones in Lluman Mayoment and	Master of science in Human Movement and Rehabilitation sciences	NE FOR Debet Machania and Garbal (ACI)
	Master of Science in Human Movement and Rehabilitation Sciences		ME 5250. Robot Mechanics and Control. (45H)
	Rehabilitation Sciences		ME 5659. Control Systems Engineering, (4SH)
			ME 5665. Musculoskeletal Biomechanics. (45H)
			IE 5630 Biosensor and Human Behavior Measurement (4SH)
		Floatzing and Computer Engineering	HLTH 5410 (4SH) PT 5321 (4SH)
		Electrical and Computer Engineering	PI 5321 (45H) Please consult with the program director for additional course options up to 16SH.
			Choose 16SH from the following:
			Choose Losh Tiont the following. HLTH 5410 (45H)
			PT 522 (45H)
		Electrical and Computer Engineering	EECE 5580. Classical Control Systems. (4 Hours)
	Master of Science in Human Movement and		EECE 550. Classical Control systems: (# hous) EECE 554. Introduction to Machine Learning and Pattern Recognition. (4SH)
	Rehabilitation Sciences		ECE 564. Biomedical Signal Processing (45H)
	Renabilitation Sciences		LECE JOOK Diminedical Signal FOCESsing (451)
			PT 5321 (45H)
		Bioengineering	BIOE SRID. Design of Biomedical Instrumentation. (4SH)
			BIOE 5255. Biomedical Imaging. (45H)
			HINF 5101 (35H)
	Master of Science in Health Informatics (no		HINF 5101 (S5H)
	concentration option)	All	Additionally, in consultation with the program director, students may select three more courses from the MS Health Informatics no concentration
	concentration optiony		Australianty, in consultation with the program unector, students may select three more courses non-the wishealth mormatics no concentration curriculum.
			Up to 3 double count toward the major as game electives GSND 5130 User Research Methods
			Game Design or Development Elective GSND Elective
		Game Design & Combined Majors	GND Elective
			Note: GSND 5110/1 automatically waived and credit must be substituted with another GSND elective.
	Game Science and Design		Up to 1 double count toward a game design elective: GSND 5130 User Research Methods
			Game Design or Development Elective GSND Elective
		Game Design Minors	GSND Elective
			Note: GSND 5110/1 automatically waived and credit must be substituted with another GSND elective.
CAMD	MA/MS Degree Name	Eligible Undergrad Majors	Grad Courses Recommended to be taken during Undergrad Program (Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
			All courses count as general electives:
		All majors	GSND 5110 Game Design and Analysis
	Game Science and Design		(with GSND 5111 Seminar for GSND 5110, 1 SH) GSND 5130 User Research Methods
			Game Design or Development Elective
			GSND Elective
			Journalism majors: JRNL 6340, 6341, and 6306 count toward the Journalism Elective(s) in the undergraduate program requirements. The fourth course will
			count as a general elective.
	Journalism - Media Innovation	Journalism majors Journalism Practice minors	Journalism combined majors: JRNL 6340/6341 count toward the Journalism Elective(s) in the undergraduate program requirements. The other two courses
		· · · · · · · · · ·	will count as general electives.
			Journalism Studies and Journalism Practice minors, JRNL 6340 can count toward the
			Journalism Elective(s) in the undergraduate minor requirements. The other three courses will count as general electives.
	Journalism - Professional		Journalism combined majors, JRNL 6200 and 6201 count toward the Journalism Elective(s) in the undergraduate program requirements.
		All majors	Journalism Studies and Practice minors, JRNL 6200 counts toward the Journalism Elective(s) in the undergraduate program requirements.
			All other students, substitute four general electives with JRNL6200, 6201, 6340, 6202
			Up to 3 double count toward the major as design concentration electives: ARTG5100, 5350, 5320, 5330
		Design Majors	Interaction Design concentrators can substitute 2 design concentration electives and 1 "Art
	Information Design and Visualization		and Design Elective"
		Design Combined Majors	Up to 1 double counts toward a design elective: ARTG5100, 5150, 5320, 5330
		Design Minors	Up to 1 double counts toward a design elective: ARTG5100, 5150, 5310, 5320, 5330
		All majors	All courses count as general electives: ARTG 5100, 5310, 5320, 5330
			SUEN 6210 - Implementation and Visualization for Urban Environments 1
			SUEN 6220 - Implementation and Visualization for Urban Environments 2
			SUEN 6340 - Topics in Urban Environmental Design
	1		SUEN 7320 - Pro-Seminar: Issues in Designed Urban Environments

			Up to 4 double count toward the major as LARC requirements and electives:
		Landsone Architecture and Environmental Colones Compliand Malance	LARC Requirement: SUEN 6340: Topics in Urban Environmental Design in lieu of LARC 2340: Cities, Landscape, and Contemporary Culture
		Landscape Architecture and Environmental Science Combined Majors	LARC Electives: SUEN 7320: Pro-Seminar: Issues in Designed Urban Environments; SUEN 6210: Implementation and Visualization for Urban Environments 1;
			SUEN 6220: Implementation and Visualization for Urban Environments 2
	Master of Design for Sustainable Urban		Up to 4 double count toward the major as electives:
	Environments—One-Year Program		SUEN 6340: Topics in Urban Environmental Design
		Architectural Studies Majors	SUEN 7320: Pro-Seminar: Issues in Designed Urban Environments
			SUEN 6210: Implementation and Visualization for Urban Environments 1
			SUEN 6220: Implementation and Visualization for Urban Environments 2
			All courses count as general electives:
			SUEN 6340: Topics in Urban Environmental Design
		All other majors and minors	SUEN 7320: Pro-Seminar: Issues in Designed Urban Environments
			SUEN 6210: Implementation and Visualization for Urban Environments 1
			SUEN 6220: Implementation and Visualization for Urban Environments 2
		Journalism (majors, combined majors)	JRNL 5400 and COMM 5xxx can count toward the Journalism Elective(s) in the undergraduate program
	Media Advocacy		COMM 5xxx Advocacy, Communication, and Research can count toward the
		Communication Studies (majors, combined majors, minors)	Communication Studies Electives in the undergraduate program requirements. JRNL 5400 will count as a general elective
		Journal Studies and Practice minors	JRNL 5400 can count toward the Journalism Elective(s) in the undergraduate program requirements. COMM 5xxx will count as a general elective
		Art & Design (majors, combined majors, minors)	any graduate ARTD and ARTG courses can count toward available A+D Elective(s) in the undergraduate program
F			
		Criminal Justice, Economics, Environmental Sciences, Health Science, Human	
		Services, International Affairs, International Business, Jewish Studies,	
	Media Advocacy	Business/Art and Design, Business/Communication Studies, Languages &	Substitute four general electives with courses listed above.
	,	Linguistics, Management, Marketing, Media Arts, Philosophy, Political Science,	
		Psychology,	
			JRNL 6306 - Media Innovation Studio 1
			JRNL 6340 - Fundamentals of Digital Journalism
	Media Innovation and Data Communication. MS	Journalism, BA	JRN 634 - Telling Your Story with Data
			ARTG 5330 - Visualization Technologies 1: Fundamentals
			Must have at least four electrices available between junior and senior years.
-			Up to 3 double count toward the major as design concentration electives: ARTG 5120, 5600, 5610, 5620.
		Design Majors	Op to 3 double count toward the major as design concentration electives. Artis 5120, 560, 5610, 5620. Note: Interaction Design concentrations can double count 2 as design concentration
		Design Midjuls	electives and 1 as "Art and Design Elective
	Experience Design		Up to 2 double count toward design electives: ARTG 5120, 5600, 5610, 5620, 5000-level or
	Experience Design	Design Combined Majors	Up to 2 double count toward design electives. Artis 5120, 5000, 5620, 5000-level of above elective
		Design Minors	aduve elective Up to 1 double count toward a design elective: ARTG 5120, 5600, 5610, ARTG 5620
		All majors	up to 1 booke count coward a design elective: Arris 5120, 5000, 5010, ARTS 5220
ŀ			an conset count as general electrices. And 5120, 5000, 5010, AND 5020 and the CAMD minors with approval of the advisor: either INAM 6100 or INAM 6200 may
		Specified Minors	house industry minors, removing a to administration minors, and other CAMD minors with approval or the advisor, entremand to or invari occor may double count as an elective within the minor.
			Dudue court as an elective within the minor. INAM 6100 - Critical Foundations of Creative Practice
	Creative Practice Leadership	ractice Leadership	INAM 6200 - Topics in Communication Strategies
	ciculive i ruence Leadership	Music with Concentration in Music Industry, BS	INAM 6210 - Projects in Interdisciplinary Creative Practice
		All maiors	INAM 6300 - Models for Applied Inquiry in Creative Practice All courses count as general electives: INAM 6100, INAM 6200, Graduate CAMD Electives 1 and 2
-		All majors	All courses count as general electives: INAM 6100, INAM 6200, Graduate CAMD Electives 1 and 2 ARCH 6330 - Seminar in Modern Architecture
	Architecture	BS in Architecture	ARCH 6340 - Graduate Topics in Architecture
			ARCH Grad Elective - Course ARCH Grad Elective
			The three specified courses will be taken as general electives, beyond major and core requirements. No substitutions allowed
COE	MA/MS Degree Name	Eligible Undergrad Majors	Grad Courses Recommended to be taken during Undergrad Program (Where fewer than four courses are listed, the remaining courses will be
	WA/WS Degree Name	Eligible Undergrad Majors	determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
			Colors any more than two of the following:
			Select no more than two of the following:
		Diservine vin - · · · · · · · · · · · · · · · · · ·	CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
		Bioengineering + CHME 2308	or CHME 7235 Introduction to Statistical Thermodynamics CHME 7340 Chemical Engineering Kinetics
			CHME 7350 Transport Phenomena
			Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog
			Select no more than two of the following:
			CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
		Chemical Engineering	or CHME 7235 Introduction to Statistical Thermodynamics CHME 7340 Chemical Engineering Kinetics
			CHME 7350 Transport Phenomena Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog

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		Select no more than two of the following:
		CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
	Environmental Engineering + CHME 2308	or CHME 7235 Introduction to Statistical Thermodynamics CHME 7340 Chemical Engineering Kinetics
		CHME 7350 Transport Phenomena
		Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog
		Select no more than two of the following:
		CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
Chemical Engineering	Mechanical Engineering + CHME 2308	or CHME 7235 Introduction to Statistical Thermodynamics CHME 7340 Chemical Engineering Kinetics
		CHME 7350 Transport Phenomena
		Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog
		Select no more than two of the following:
		CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
	Chemistry + CHME 2308 (COS)	or CHME 7235 Introduction to Statistical Thermodynamics CHME 7340 Chemical Engineering Kinetics
		CHME 7350 Transport Phenomena
		Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog
		Select no more than two of the following:
		CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
	Biochemistry + CHME 2308 (COS)	or CHME 7235 Introduction to Statistical Thermodynamics CHME 7340 Chemical Engineering Kinetics
		CHIE 7350 Transport Phenomena
		Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog
		Select remaining shared courses from the following range. Any 5000-6599 approved his elective as listed in the catalog Select no more than two of the following:
		CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
	Physics + CHME 2308 (COS)	or CHME 7320 Chemical Engineering Mathematics CHME 7330 Chemical Engineering Thermodynamics
	Physics + Chivie 2308 (COS)	
		CHME 7350 Transport Phenomena
		Select remaining shared courses from the following range: Any 5000-6999 approved MS elective as listed in the catalog
		Select up to four of the following:
		CIVE 5271 Solid and Hazardous Waste Management
	All COE Undergraduate Majors + CIVE 2331, CIVE 2334, CIVE 2340	CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
	.	CIVE 5281 Coastal Dynamics and Design
		CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300]
		CIVE 5536 Hydrologic and Hydraulic Design
		Select up to four of the following:
		CIVE 5271 Solid and Hazardous Waste Management
	BS in Environmental Science + CIVE 2331, CIVE 2334, CIVE 2340	CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
	(COS)	CIVE 5281 Coastal Dynamics and Design
		CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300]
		CIVE 5536 Hydrologic and Hydraulic Design
		Select up to four of the following:
		CIVE 5271 Solid and Hazardous Waste Management
Civil and Environmental Engineering, Concentration in	BS in Ecology and Evolutionary Biology + CIVE 2331, CIVE 2334, CIVE 2340	CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
Water, Environmental, Coastal Systems	(COS)	CIVE 5281 Coastal Dynamics and Design
		CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300]
		CIVE 5536 Hydrologic and Hydraulic Design
		Select up to four of the following:
		CIVE 5271 Solid and Hazardous Waste Management
		CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
	BS in Physics + CIVE 2331, CIVE 2334, CIVE 2340 (COS)	Cive 52/5 Line Oyder Assessment of materials, robusts, and innastructure Cive 52/6 renote Sensing of the Linviolinient
		CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300]
		City 5330 chydroligia and Hydraulic Design
ł		Select up to four of the following:
		CIVE 5271 Solid and Hazardous Waste Management
	BS in Chemistry + CIVE 2331, CIVE 2334, CIVE 2340	CIVE 5271 Solid and Pazardous waste Management CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
	(COS)	CIVE 5281 Coastal Dynamics and Design
		CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300]
		CIVE 5536 Hydrologic and Hydraulic Design
MS in Civil Engineering, Concentration in Construction		Select up to four of the following:
Management	All COE Undergraduate Majors	CIVE 7220 Construction Management
		CIVE 7230 Legal Aspects of Civil Engineering EMGT 6305 Financial Management for Engineers IE 6200 Engineering Probability and Statistics
		Select up to four of the following:
	BS in Civil Engineering + CIVE 2340, CIVE 2221, CIVE 2331	CIVE 7311 Soil and Foundation Dynamics
MS in Civil Engineering. Concentration in	BS in Civil Engineering + CIVE 2340, CIVE 2221, CIVE 2331	CIVE 7311 Soil and Foundation Dynamics CIVE 7312 Earthquake Engineering CIVE 7330 Advanced Structural Analysis CIVE 7331 Structural Dynamics
MS in Civil Engineering, Concentration in Geotechnical/Geoenvironmental	BS in Civil Engineering + CIVE 2340, CIVE 2221, CIVE 2331	CIVE 7311 Soil and Foundation Dynamics CIVE 7312 Earthquake Engineering CIVE 7330 Advanced Structural Analysis CIVE 7331 Structural Dynamics Select up to four of the following:
MS in Civil Engineering, Concentration in Geotechnical/Geoenvironmental	BS in Civil Engineering + CIVE 2340, CIVE 2221, CIVE 2331 BS in Environmental Engineering + CIVE 2340, CIVE 2221, CIVE 2331	CIVE 7311 Soil and Foundation Dynamics CIVE 7312 Earthquake Engineering CIVE 7330 Advanced Structural Analysis CIVE 7331 Structural Dynamics

		CIVE 7331 Structural Dynamics
		Select up to four of the following:
		CIVE 5520 Structural Systems
MS in Civil Engineering, Concentration in Structures	All COE Undergraduate Majors	CIVE 5522 Structural Systems Modeling
	······································	CIVE 5543 Special Topics in CE: Vibration-based Structural Health Monitoring SBSY 5250 Special Topics in CE: Building Energy Performance Simulation CIV
		7330 Advanced Structural Analysis
		CIVE 7331 Structural Dynamics
		Select up to four of the following:
	All COE Undergraduate Majors	CIVE 5373 Transportation Systems: Analysis and Planning
	All COE Ofdergraddate Majors	CIVE 5376 Traffic Engineering and Sustainable Urban Street Design CIVE 7381 Transportation Demand Forecasting and Model Estimation IE 6200 Engine
		Probability and Statistics
		Select up to four of the following:
		CIVE 5373 Transportation Systems: Analysis and Planning
	BS in Physics (COS)	CIVE 5376 Traffic Engineering and Sustainable Urban Street Design CIVE 7381 Transportation Demand Forecasting and Model Estimation IE 6200 Engine
		Probability and Statistics
		Select up to four of the following:
		CIVE 5373 Transportation Systems: Analysis and Planning
	BS in Math (COS)	CIVE 5376 Traffic Engineering and Sustainable Urban Street Design CIVE 7381 Transportation Demand Forecasting and Model Estimation IE 6200 Engine
MS in Civil Engineering, Concentration in		Probability and Statistics
Transportation		Select up to four of the following:
n'alisportation		CIVE 5373 Transportation Systems: Analysis and Planning
	BS in Computer Science (Khoury)	CIVE 3375 Transportation systems. Analysis and realining CIVE 5376 Transfer Engineering and Sustainable Urban Street Design CIVE 7381 Transportation Demand Forecasting and Model Estimation IE 6200 Engine
		Probability and Statistics
		Select up to four of the following:
	Bs in Data Science (Khoury)	CIVE 5373 Transportation Systems: Analysis and Planning
		CIVE 5376 Traffic Engineering and Sustainable Urban Street Design CIVE 7381 Transportation Demand Forecasting and Model Estimation IE 6200 Engine
		Probability and Statistics
		Select up to four of the following:
	BS in Economics (CSSH)	CIVE 5373 Transportation Systems: Analysis and Planning
	B3 III ECONOMICS (C33H)	CIVE 5376 Traffic Engineering and Sustainable Urban Street Design CIVE 7381 Transportation Demand Forecasting and Model Estimation IE 6200 Engine
		Probability and Statistics
		Select up to four of the following:
		CIVE 5250 Organic Pollutants in the Environment
		CIVE 5261 Dynamic Modeling for Environmental Investment and Policymaking CIVE 5271 Solid and Hazardous Waste Management
		CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
		Cive 5281 Coastal Dynamics and Design
		CIVE 5200 Coastan Synamics and Design CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300] CIVE 5363 Special Topics in CE: Climate Science, Engineering
		Adaptation, and Policy ENGR 5670 Sustainable Energy: Materials, Conversion, Storage, and Usage
	All COE Undergraduate Majors	ENSY 5100 Hydropower
	о ,	IE 5500 Systems Engineering in Public Programs IE 5640 Data Mining for Engineering Applications
		INSH 5301 Introduction to Computational Statistics
		ME 5645 Environmental Issues in Manufacturing and Product Use PHTH 5214 Environmental Health
		PHTH 5230 Global Health
		PPUA 5260 Ecological Economics PPUA 5262 Big Data for Cities
		PPUA 5263 Geographic Information Systems for Urban and Regional Policy
		PPUA 5264 Energy Democracy and Climate Resilience: Technology, Policy, and Social Change
		PPUA 5270 Food Systems and Public Policy
		Select up to four of the following:
		CIVE 5250 Organic Pollutaris in the Environment
		CIVE 5261 Dynamic Modeling for Environmental Investment and Policymaking CIVE 5271 Solid and Hazardous Waste Management
		CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment
		CIVE 5281 Coastal Dynamics and Design
		CIVE 5300 Environmental Engineering Laboratory
		CIVE 5699 Special Topics in CE: Climate Science, Engineering Adaptation, and Policy ENGR 5670 Sustainable Energy: Materials, Conversion, Storage, and
	All COS Undergraduate Majors (COS)	Usage
		ENSY 5100 Fundamentals of Energy System Integration IE 5500 Systems Engineering in Public Programs
		IE 5640 Data Mining for Engineering Applications INSH 5301 Introduction to Computational Statistics
		ME 5645 Environmental Issues in Manufacturing and Product Use PHTH 5214 Environmental Health
		PHTH 5230 Global Health
		PPUA 5260 Ecological Economics PPUA 5262 Big Data for Cities
		PPUA 5263 Geographic Information Systems for Urban and Regional Policy
MS in Engineering and Public Policy		PPUA 5264 Energy Transitions and Climate Resilience: Technology, Policy, and Social Change PPUA 5270 Food Systems and Public Policy
MS in Engineering and Public Policy		PPUA 52/0 Energy Transitions and Climate Resilience: Technology, Policy, and Social Change PPUA 52/0 Food Systems and Public Policy Select up to four of the following: CIVE 5250 Organic Pollutants in the Environment

	All Khoury Undergraduate Majors (Khoury)	CIVE 5261 Dynamic Modeling for Environmental Investment and Policymaking CIVE 5271 Solid and Hazardous Waste Management CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5280 Remote Sensing of the Environment CIVE 5281 Coastal Dynamics and Design CIVE 5280 Environmental Engineering Laboratory CIVE 5699 Special Topics in CE: Climate Science, Engineering Adaptation, and Policy ENGR 5670 Sustainable Energy: Materials, Conversion, Storage, and Usage ENSY 5100 Fundamentals of Energy System Integration IE 5500 Systems Engineering in Public Programs IE 5640 Data Mining for Engineering Applications INSH 5301 Introduction to Computational Statistics ME 5645 Environmental Issues in Manufacturing and Product Use PHTH 5214 Environmental Health PHTH 5230 Global Health PPUA 5260 Icological Economics PPUA 5262 Big Data for Cities PPUA 5263 Geographic Information Systems for Urban and Regional Policy PPUA 5264 Energy Transitions and Climate Resilience: Technology, Policy, and Social Change
	BS in Economics (CSSH)	PPUA 5270 Food Systems and Public Policy Select up to four of the following: CIVE 5250 Organic Pollutants in the Environment CIVE 5251 Dynamic Modeling for Environmental Investment and Policymaking CIVE 5271 Solid and Hazardous Waste Management CIVE 5251 Dynamic Modeling for Environmental Investment and Policymaking CIVE 5271 Solid and Hazardous Waste Management CIVE 5251 Costal Dynamics and Design CIVE 5261 Doynamics and Design CIVE 5300 Environmental Engineering Laboratory CIVE 5309 Special Topics in CE: Climate Science, Engineering Adaptation, and Policy ENGR 5670 Sustainable Energy: Materials, Conversion, Storage, and Usage ENSY 5100 Fundamentals of Energy System Integration IE 5500 Systems Engineering in Public Programs IE 5640 Data Mining for Engineering Applications INSH 5301 Introduction to Computational Statistics ME 5645 Environmental Issues in Manufacturing and Product Use PHTH 5214 Environmental Health PHTH 5230 Global Health PPUA 5260 Ecological Economics PPUA 5262 Big Data for Cities PPUA 5263 Geographic Information Systems for Urban and Regional Policy
MS Bioengineering	All COE Undergraduate Majors	PPUA 5264 Energy Transitions and Climate Resilience: Technology, Policy, and Social Change PPUA 5270 Food Systems and Public Policy Select up to four of the following: BIOE 5235, Biomedical Imaging BIOE 5250, Design, Manufacture, and Evaluation of Medical Devices BIOE 5410, Molecular Bioengineering BIOE 5420, Cellular Engineering BIOE 5630, Physiological Fluid Mechanics BIOE 5640, Computational Biomechanics BIOE 5650, Multiscale Biomechanics BIOE 5810, Design of Biomedical Instrumentation BIOE 6100, Medical Physiology
	BS in Bioengineering	Select up to four of the following: CIVE 5271 Solid and Hazardous Waste Management CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5200 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300] CIVE 7250 Environmental Biological Processes CIVE 7255 Environmental Physical/Chemical Processes CIVE 7260 Hydrologic Modeling CIVE 7255 Environmental Physical/Chemical Processes CIVE 7260 Hydrologic Modeling CIVE 7251 Surface Water Quality Modeling CIVE 7252 Air Quality Management
	BS in Chemical Engineering	Select up to four of the following: CIVE 5271 Solid and Hazardous Waste Management CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5205 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 7250 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300] CIVE 7255 Environmental Chemistry CIVE 7255 Environmental Physical/Chemical Processes CIVE 7255 Environmental Physical/Chemical Processes CIVE 7260 Hydrologic Modeling CIVE 7251 Surface Water Quality Modeling CIVE 7272 Air Quality Management
MS in Environmental Engineering	BS in Civil Engineering	Select up to four of the following: CIVE 5271 Solid and Hazardous Waste Management CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300] CIVE 7250 Environmental Chemistry CIVE 7251 Environmental Biological Processes CIVE 7255 Environmental Physical/Chemical Processes CIVE 7260 Hydrologic Modeling CIVE 7251 Surface Water Quality Modeling CIVE 7272 Air Quality Management Select up to four of the following:

	BS in Environmental Engineering	CIVE 5275 Life Cycle Assessment of Materials, Products, and Infrastructure CIVE 5300 Environmental Sampling and Analysis [coreq: CIVE 5301 Lab for CIVE 5300] CIVE 7250 Environmental Chemistry CIVE 7251 Environmental Biological Processes CIVE 7255 Environmental Physical/Chemical Processes CIVE 7260 Hydrologic Modeling CIVE 7261 Surface Water Quality Modeling CIVE 7272 Air Quality Management
	All COE Undergraduate Majors + EECE 2150, EECE 2412, EECE 2413, EECE 2520, EECE 3468* *May be replaced with another probability course	Select up to four of the following: ECE Depth Courses as listed in the catalog
MS in Electrical and Computer Engineering, Concentration in Communications, Control, Signal Processing	BS in Computer Science + EECE 2150, EECE 2412, EECE 2413, EECE 2520, EECE 3468* (Khoury) *May be replaced with another probability course	Select up to four of the following: ECE Depth Courses as listed in the catalog
	BS in Math + EECE 2150, EECE 2412, EECE 2413, EECE 2520, EECE 3468*(COS) *May be replaced with another probability course	Select up to four of the following: ECE Depth Courses as listed in the catalog
	All COE Undergraduate Majors + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560	Select up to four of the following: ECE Depth Courses as listed in the catalog
MS in Electrical and Computer Engineering, Concentration in Computer Systems and Software	BS in Computer Science + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560	Select up to four of the following: ECE Depth Courses as listed in the catalog
	BS in Math + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560 (COS)	Select up to four of the following: ECE Depth Courses as listed in the catalog
	All COE Undergraduate Majors + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560	Select up to four of the following: ECE Depth Courses as listed in the catalog
MS in Electrical and Computer Engineering, Concentration in Computer Networks and Security	BS in Computer Science + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560	Select up to four of the following: ECE Depth Courses as listed in the catalog
	(Khoury) BS in Math + EECE 2150, EECE 2160, EECE 2412,	Select up to four of the following:
	EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560 (COS)	ECE Depth Courses as listed in the catalog
	All COE Undergraduate Majors + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560	Select up to four of the following: ECE Depth Courses as listed in the catalog
MS in Electrical and Computer Engineering, Concentration in Computer Vision, Machine Learning, Algorithms	BS in Computer Science + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560 (Khoury)	Select up to four of the following: ECE Depth Courses as listed in the catalog
	BS in Math + EECE 2150, EECE 2160, EECE 2412, EECE 2413, two of the following: EECE 2322 (with EECE 2323), EECE 2540, or EECE 2560 (COS)	Select up to four of the following: ECE Depth Courses as listed in the catalog
		Select up to four of the following:

MS in Electrical and Computer Engineering, Concentration in Electromagnetics, Plasma, Optics	All COE Undergraduate Majors + EECE 2150, EECE 2150, EECE 2412, EECE 2413, EECE 2530, EECE 2531	ECE Depth Courses as listed in the catalog
MS in Electrical and Computer Engineering,	All COE Undergraduate Majors + EECE 2150, EECE 2412, EECE 2413, one of the following: EECE 3392, EECE 3410, or EECE 4524 (with EECE 4525)	Select up to four of the following: ECE Depth Courses as listed in the catalog
Concentration in Microsystems, Materials, Devices	BS in Physics + EECE 2150, EECE 2412, EECE 2413, one of the following: EECE 3392, EECE 3410, or EECE 4524 (with EECE 4525) (COS)	Select up to four of the following: ECE Depth Courses as listed in the catalog
MS in Electrical and Computer Engineering, Concentration in Power Systems	All COE Undergraduate Majors + EECE 2150, EECE 2412, EECE 2413, EECE 2520	Select up to four of the following: ECE Depth Courses as listed in the catalog
	BS in Computer Science + EECE 2150, EECE 2412, EECE 2413, EECE 2520	Select up to four of the following:
MS in Electrical and Computer Engineering,	(Khoury)	ECE Depth Courses as listed in the catalog
Concentration in Power Systems	BS in Math + EECE 2150, EECE 2412, EECE 2413, EECE 2520 (COS)	Select up to four of the following: ECE Depth Courses as listed in the catalog
	All COE Undergraduate Majors	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Computer Science (Khoury)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Physics (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Chemistry (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
MS in Data Analytics Engineering	BS in Biology (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Environmental Science (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Math (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Business Administration + MATH 2341, IE 4XXX* (DMSB) *IE 4XXX will be a course on Computational Methods for Industrial Engineering (in development)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Economics + MATH 2341 (CSSH)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	All COE Undergraduate Majors	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Computer Science (Khoury)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted

	BS in Physics (COS)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Chemistry (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
MS in Engineering Management	BS in Biology (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Environmental Science (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Math (COS)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Psychology + MATH 2341, IE 4XXX* (COS) *IE 4XXX will be a course on Computational Methods for Industrial Engineering (in development)	Complete the following:
	BS in Business Administration + Math 2341, IE 4XXX* (DMSB) *IE 4XXX will be a course on Computational Methods for Industrial Engineering	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
MS in Industrial Engineering	BS in Economics + Math 2341 (CSSH)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Sociology + Math 2341, IE 4XXX* (CSSH) *IE 4XXX will be a course on Computational Methods for Industrial Engineering (in development)	Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
	BS in Bioengineering	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Chemical Engineering	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Civil Engineering	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog
	BS in Environmental Engineering	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog
	BS in Mechanical Engineering	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog Complete the following:
	BS in Industrial Engineering	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog Complete the following:
	BS in Electrical Engineering + ME 2380	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog Complete the following:
MS in Energy Systems	BS in Computer Engineering + ME 2380	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog Complete the following:
	BS in Computer Science + ME 2380 (Khoury)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog Complete the following:
	BS in Physics + ME 2380 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:

1	I	Any approved ENSY 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemistry + ME 2380 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ENSY 5000 level class as listed in the catalog
	BS in Biology + ME 2380 (COS)	Complete the following:
	BS IN BIOLOGY + INE 2380 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog
		Any approve that solve the case as as taken in the catalog Complete the following:
	BS in Environmental Science + ME 2380 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ENSY 5000 level class as listed in the catalog
		Complete the following:
	BS in Math + ME 2380 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ENSY 5000 level class as listed in the catalog
		Complete the following:
	BS in Business Administration + ME 2380 (DMSB)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ENSY 5000 level class as listed in the catalog
	BS in Economics + ME 2380 (CSSH)	Complete the following:
	BS IN ECONOMICS + IME 2380 (CSSH)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ENSY 5000 level class as listed in the catalog
		Complete the following:
		IE 6500 Human Performance in Sociotechnical Systems
		IE 7280 Statistical Methods in Engineering
	All COE Undergraduate Majors	IE 7315 Human Factors in Engineering
	, , , , , , , , , , , , , , , , , , ,	EMGT 5300 Engineering/Organizational Psychology Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following:
		IE 6500 Human Performance in Sociotechnical Systems
		IE 7280 Statistical Methods in Engineering
	BS in Computer Science (Khoury)	IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog Complete the following:
		Complete the following of the following
		IE 7280 Statistical Methods in Engineering
	BS in Physics (COS)	IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following:
		IE 6500 Human Performance in Sociotechnical Systems
		IE 7280 Statistical Methods in Engineering
	BS in Chemistry (COS)	IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog Complete the following:
		IE 6500 Human Performance in Sociotechnical Systems
		IE 7280 Statistical Methods in Engineering
	BS in Biology (COS)	IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following:
	BS in Environmental Science (COS)	IE 6500 Human Performance in Sociotechnical Systems
MC in University Frankrish		IE 7280 Statistical Methods in Engineering
MS in Human Factors		IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following:
		IE 6500 Human Performance in Sociotechnical Systems
		IE 7280 Statistical Methods in Engineering
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		IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following: IE 6500 Human Performance in Sociotechnical Systems
	BS in Psychology + MATH 2341, IE 4XXX* (COS)	E 7280 Statistical Methods in Engineering
		IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following:
	BS IN BUSINESS Administration + MATH 2341.	IE 6500 Human Performance in Sociotechnical Systems
	IE 4XXX* (DIVISB)	IE 7280 Statistical Methods in Engineering IE 7315 Human Factors in Engineering
	*IE 4XXX will be a course on Computational Methods for Industrial Engineering (in development)	EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog Complete the following:
		E 6500 Human Performance in Sociotechnical Systems
		IE 7280 Statistical Methods in Engineering
		IE 7315 Human Factors in Engineering
		EMGT 5300 Engineering/Organizational Psychology Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		Complete the following:
	BS in Sociology + MATH 2341, IE 4XXX* (CSSH)	IE 6500 Human Performance in Sociotechnical Systems IE 7280 Statistical Methods in Engineering
	*IE 4XXX will be a course on Computational Methods for Industrial Engineering	
	(in development)	EMGT 5300 Engineering/Organizational Psychology
		Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog Complete the following:
	All COE Undergraduate Majors	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	All COL Ondergraduate Majors	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted Complete the following:
	BS in Computer Science (Khoury)	Is 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS III Computer Science (Knoury)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted Complete the following:
		Compared the concoming. If 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Physics (COS)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted Complete the following:
		IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Chemistry (COS)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
MS in Industrial Engineering		Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Environmental Science (COS)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Math (COS)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listeds to operations dealers in detect remaining courses non-training.
		*Equivalent courses may be substituted
	BS in Psychology + MATH 2341, IE 4XXX* (COS)	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
	*IE 4XXX will be a course on Computational Methods for Industrial Engineering	
		Complete the following:

I		
	IE 4XXX* (DMSB) *IE 4XXX will be a course on Computational Methods for Industrial Engineering	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
	(in development)	Any approved chiefs it, or on source and body level class as instea in the catalog *Equivalent courses may be substituted
	(Complete the following:
		IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Economics + MATH 2341 (CSSH)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Sociology + MATH 2341, IE 4XXX (CSSH)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS III SOCIOIOGY + MATH 2341, IE 4XXX (CSSH)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Bioengineering	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemical Engineering + ME 2355, ME 2350	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
		Complete the following:
	BS in Civil Engineering + ME 2355	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
		Complete the following:
	BS in Environmental Engineering + ME 2355	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
		Complete the following:
	BS in Mechanical Engineering	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Industrial Engineering + ME 2355	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
	b3 in muustriai Engineering + ME 2555	Any approved ME or MATL 5000 level class as listed in the catalog
		Complete the following:
	BS in Electrical Engineering + ME 2355, ME 2350	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
MS in Mechanical Engineering, General Concentration	BS in Computer Engineering + ME 2355, ME 2350	Complete the following:
		HE 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
		Complete the following:
	BS in Computer Science + ME 2355, ME 2350 (Khoury)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Physics + ME 2355, ME 2350 (COS)	Complete the following:
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Chemistry + ME 2355, ME 2350 (COS) BS in Biology + ME 2355, ME 2350 (COS)	Complete the following:
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog Consolited the following and the fol
		Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL5000 level class as listed in the catalog
	BS in Environmental Science + ME 2355, ME 2350 (COS)	Complete the following:
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Math + ME 2355, ME 2350 (COS)	Complete the following:
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME or MATL 5000 level class as listed in the catalog
	BS in Bioengineering	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Chemical Engineering + ME 2340, ME 2341, ME 2355	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Civil Engineering + ME 2340, ME 2341	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Environmental Engineering + ME 2340, ME 2341	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Mechanical Engineering	Select four courses from this list:
	RS in Industrial Engineering + ME 2340 ME 2341	Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog Select four courses from this list:

1	Do III IIIQUOLIAI LIIGIIICCIIIIG I IVIL 2040, IVIL 2041	Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Electrical Engineering + ME 2340, ME 2341, ME 2355	Select four courses from this list:
MS in Mechanical Engineering, Materials	b3 in Electrical Engineering + INE 2340, INE 2341, INE 2355	Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
Concentration	BS in Computer Engineering + ME 2340, ME 2341, ME 2355	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog Select four courses from this list:
	BS in Computer Science + ME 2340, ME 2341, ME 2355 (Khoury)	Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Physics + ME 2340, ME 2341, ME 2355 (COS)	Select four courses from this list:
	BS III PHYSICS + IVIE 2340, IVIE 2341, IVIE 2355 (COS)	Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Chemistry + ME 2340, ME 2341, ME 2355 (COS)	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Biology + ME 2340, ME 2341, ME 2355 (COS)	Select four courses from this list: Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
		Select four courses from this list:
	BS in Environmental Science + ME 2340, ME 2341, ME 2355 (COS)	Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
	BS in Math + ME 2340, ME 2341, ME 2355 (COS)	Select four courses from this list:
		Any approved ME 5000 or MATL 5000 or 6000 level class as listed in the catalog
		Complete the following: ME 5650 Advanced Mechanics of Materials
	BS in Bioengineering	ME 5000 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemical Engineering + ME 3455, ME 2355	ME 5650 Advanced Mechanics of Materials
	`	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog Complete the following:
		ME 5550 Advanced Mechanics of Materials
	BS in Civil Engineering + ME 3455, ME 2355	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Environmental Engineering + ME 3455, ME 2355	ME 5650 Advanced Mechanics of Materials ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Mechanical Engineering	ME 5650 Advanced Mechanics of Materials
	bo in Mechanical Engineering	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog Complete the following:
		ME 5650 Advanced Mechanics of Materials
	BS in Industrial Engineering + ME 3455, ME 2355	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Electrical Engineering + ME 3455, ME 2355	ME 5650 Advanced Mechanics of Materials
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ME 5000 level class as listed in the catalog
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	BS in Computer Engineering + ME 3455, ME 2355	ME 5650 Advanced Mechanics of Materials
	bo in comparer engineering - the bios, the 2000	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following: ME 5650 Advanced Mechanics of Materials
	BS in Computer Science + ME 3455, ME 2355 (Khoury)	ME 5000 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Physics + ME 3455, ME 2355 (COS)	ME 5650 Advanced Mechanics of Materials
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list: Any approved ME 5000 level class as listed in the catalog
	BS in Chemistry + ME 3455, ME 2355 (COS)	Any approved mic boot per class as including the catalog Complete the following:
MS in Mechanical Engineering, Mechanics		ME 5650 Advanced Mechanics of Materials
Concentration		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following: ME 5650 Advanced Mechanics of Materials
	BS in Biology + ME 3455, ME 2355 (COS)	ME 5000 Advanced Mechanics of Materials ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
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		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Environmental Science + ME 3455, ME 2355 (COS)	ME 5650 Advanced Mechanics of Materials
	bs in Environmental science + ME 5455, ME 2555 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Math + ME 3455, ME 2355 (COS)	ME 5650 Advanced Mechanics of Materials ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
		ME 5250 Robot Mechanics and Control
	BS in Bioengineering	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemical Engineering + ME 3455, ME 4555	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog Complete the following:
		ME 5250 Robot Mechanics and Control
	BS in Civil Engineering + ME 4555	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Environmental Engineering + ME 4555	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following: ME 5250 Robot Mechanics and Control
	BS in Mechanical Engineering	ME 5220 Note Mechanical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Industrial Engineering + ME 3455, ME 4555	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 500 level class as listed in the catalog
	BS in Electrical Engineering + ME 3455, ME 4555	Complete the following: ME 5250 Robot Mechanics and Control
		ME 5230 Note we channes and control ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Computer Engineering + ME 3455, ME 4555	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following: ME 5250 Robot Mechanics and Control
	BS in Computer Science + ME 3455, ME 4555 (Khoury)	ME 5230 Note we channes and control ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Physics + ME 3455, ME 4555 (COS)	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
MS in Mechanical Engineering, Mechatronics		Complete the following: ME 5250 Robot Mechanics and Control
Concentration	BS in Chemistry + ME 3455, ME 4555 (COS)	ME 5250 Robot Mechanics and Control ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
concentration		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Biology + ME 3455, ME 4555 (COS)	ME 5250 Robot Mechanics and Control
	B3 III BIOIOGY + IVIE 3433, IVIE 4333 (CO3)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
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	BS in Environmental Science + ME 3455, ME 4555 (COS)	ME 5250 Robot Mechanics and Control ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	DS in Moth + ME 24EE ME 4EEE (COS)	ME 5250 Robot Mechanics and Control
	BS in Math + ME 3455, ME 4555 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:

		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Bioengineering	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemical Engineering + ME 3475, ME 4570	ME 6200 Mathematical Methods for Mechanical Engineers 1
		Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog Complete the following:
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	BS in Mechanical Engineering	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Industrial Engineering + ME 3475	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
	5 5	Any approved ME 5000 level class as listed in the catalog
		Complete the following:
MS in Mechanical Engineering, Thermofluids	BS in Electrical Engineering + ME 3475, ME 4570	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
Concentration		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Computer Engineering + ME 3475, ME 4570	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
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	BS in Computer Science + ME 3475, ME 4570 (Khoury)	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
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	BS in Physics + ME 3475, ME 4570 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemistry + ME 3475, ME 4570 (COS)	ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
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	BS in Biology + ME 247E ME 4570 (COS)	Complete the following: ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
	BS in Biology + ME 3475, ME 4570 (COS)	Any approved ME 5000 level class as listed in the catalog
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		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
		ME 6200 Mathematical Methods for Mechanical Engineers Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	All COE Undergraduate Majors	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	All COE Undergraduate Majors	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Computer Science (Khoury)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	bo in computer science (knoury)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Physics (COS)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Chemistry (COS)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	, (,	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Biology (COS)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list: Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog

L		*Equivalent courses may be substituted
		Complete the following:
MS in Operations Research	BS in Environmental Science (COS)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
-		*Equivalent courses may be substituted
		Complete the following: IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Math (COS)	
		Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog *Equivalent courses may be substituted
-		Complete the following:
		IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Psychology + MATH 2341, IE 4XXX (COS)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
		IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Business Administration + MATH 2341, IE 4XXX (DMSB)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
		IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Economics + MATH 2341 (CSSH)	Any approved EMIGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
T F		Complete the following:
	DS in Sociology + MATH 2244 IF AVVV (CSSH)	IE 6200 Engineering Probability and Statistics* OR 6205 Deterministic Operations Research* Select remaining courses from this list:
	BS in Sociology + MATH 2341, IE 4XXX (CSSH)	Any approved EMGT, IE, or OR 5000 and 6000 level class as listed in the catalog
		*Equivalent courses may be substituted
		Complete the following:
	BS in Bioengineering	ME 5250 Robot Mechanics and Control
	bo in bioengineering	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Chemical Engineering + ME 4555	ME 5250 Robot Mechanics and Control
	bo in chemical Engineering + ME 4555	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Civil Engineering + ME 4555	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
-		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Environmental Engineering + ME 4555	ME 5250 Robot Mechanics and Control
		ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
-	BS in Mechanical Engineering BS in Industrial Engineering	Any approved ME 5000 level class as listed in the catalog Complete the following:
		ME 5250 Robot Mechanics and Control
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F		Any approver Lass as instead in the catalog Complete the following:
		ME 5250 Robot Mechanics and Control
		ME 5200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
T F		Complete the following:
		ME 5250 Robot Mechanics and Control
	BS in Electrical Engineering + ME 4555	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
VIS in Robotics, Mechanical Engineering Concentration		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	DC in Computer Exploremine + ME 4555	ME 5250 Robot Mechanics and Control
	BS in Computer Engineering + ME 4555	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
I F		Complete the following:
	BS in Computer Science + ME 4555 (Khoury)	ME 5250 Robot Mechanics and Control
	BS in Computer Science + ME 4555 (Khoury)	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
		Any approved ME 5000 level class as listed in the catalog
		Complete the following:
	BS in Physics + ME 4555 (COS)	ME 5250 Robot Mechanics and Control
1	· · · ·	ME 6200 Mathematical Methods for Mechanical Engineers 1 Select remaining courses from this list:
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No. Ministration of the state		ME 5250 Robot Mechanics and Control	BS in Biology + ME 4555 (COS)		
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	Biology, Biochemistry and Cell and Molecular Biology	BIOL 5591 Advanced Genomics BIOT 5120 Foundations in Biotechnology BIOT 5631 Cell Culture Process for Biopharmaceutical Production BIOT 5219 The Biotech Enterprise BIOT 6214 Experimental Design and Biostatistics	
Biotechnology (17 credits)	Biotechnology (CPS) or Chemistry (COS)	BIOT 5120 Foundations in Biotechnology BIOT 5631 Cell Culture Processes for Biopharmaceutical Production BIOT 5219 The Biotech Enterprise BIOT 5145 Basic Biotech Lab Skills OR if enrolling in Enterprise concentration BIOT 1 cre CHEM 5620 Protein Chemistry BIOL 6299 Molecular Cell Biology for Biotechnology BIOT 6214 Experimental Design and Biometrics BIOT 6500 Professional Development for Co-Op (CPS students)	edit elective
	Behavioral Neuroscience	BINF 6308 Bioinformatics Computational Methods 1 BINF 6309 Bioinformatics Computational Methods 2 BIOL 5587 Comparative Neurobio 5000+ level BIOL course	logy
	Biology, Data Science and Behavioral Neuroscience, Computer Science and Behavioral Neuroscience	BINF 6308 Bioinformatics Computational Methods 1 BINF 6309 Bioinformatics Computational Methods 2 5000+ level BIOL course 5000+ level BIOL course	
	Biochemistry	BINF 6308 Bioinformatics Computational Methods 1 BINF 6309 Bioinformatics Computational Methods 2 CHEM 5260 Protein Chemistry	DINE Disinformation Computational Matheda 2
	Biochemistry and Data Science	BINF 6308 Bioinformatics Computational Methods 1 CHEM 5620 Protein Chemistry DS or CS 5000+ level course listed under Computer Science electives	BINF Bioinformatics Computational Methods 2 BIOL 5100 Biology Colloquium
Bioinformatics	Biotechnology (CPS)	BINF 6308 - Bioinformatics Computational Methods 1 BINF 6309 - Bioinformatics Computational Methods 2 BIOL 6381 - Ethics in Biological Research BIOT 5219 - The Biotechnology Enterprise BINF 6200 - Bioinformatics Programming	
	Cell and Molecular Biology	BINF 6308 Bioinformatics Computational Methods 1 BIOL 5591 Advanced Genomics	BINF 6309 Bioinformatics Computational Methods 2 5000 level course listed as intermediate/advanced
	Computer Science (Khoury)	BINF 6308 Bioinformatics Computational Methods 1 2 5000+ level course listed under Computer Science electives	BIOL 6309 Bioinformatics Computational Methods 2
	Computer Science and Biology	BINF 6308 Bioinformatics Computational Methods 1 5000+ level course listed under Computer Science elective courses or graduate equival 5000+ level course listed under Biology Intermediate and Advanced courses	BIOL 6309 Bioinformatics Computational Methods 2 lent course
Environmental Science and Policy	Environmental Studies, Environmental Science, Marine Biology and Ecology and Evolutionary Biology and CSSH majors	PPUA 6101 Environmental Science & Policy Seminar 1 ENVR 6102 Environmental Science & Policy Seminar 1 ENVR 6102 Environmental Science & Policy Seminar 2 ENVR 5210 Environmental Planning, ENVR 5220 Ecosystem Management OR ENVR 545 PPUA 5260 Ecological Economics, PPUA 5264 Energy Transitions OR PPUA 5268 Interna	
Chemistry	Chemistry	CHEM 5261 Principles of Chemical Biology for Chemists with CHEM 5622 Lab CHEM 5628 Principles of Spectroscopy of Organic Compounds 3 5000+ level Chemistry courses	
	Biochemistry	CHEM 5620 Protein Chemistry	BIOL 6401 Research Methods and 00 + level courses
Chemistry Marine Biology	BS in Marine Biology BS in Ecology and Evolutionary Biology, BS in Environmental and Sustainability Sciences Earth, Oceans, and Environmental Change concentration & Conservation, Restoration, and Management concentration)	Undergraduate Summer II Semester Marine Science Center/Coastal Sustainability Insti EEMB 5546 Sustainability of the land-sea interface (3 SH) EEMB 5525 Advanced Field Methods (3 SH) EEMB 5528 poive Research Methods (2 SH) Undergraduate Fall Semester Abroad EEMB 5508: Marine Birds and Mammals (3 SH) EEMB 5508: Marine Birds and Mammals (3 SH) EEMB 55020: Tropical Marine Ecology (2 SH) EEMB 55020: Tropical Marine Ecology (2 SH) EEMB 5506/07: Biology and Ecology of Fishes (2+1 SH) EEMB 5504/05: Biology of Corals (2+1 SH) EEMB 5518/19: Ocean and Coastal Processes (2+1 SH) EEMB 5533/535 Marine Invertebrate Zoology and Botany (2+1 S Graduate Spring Semester Boston Main Campus EEMB 5305 Professional development for Ocean Sciences (2 SH) EEMB 5534 Marine Spatial Planning (4 SH) EIEME 5674 Marine Biology Research Project (1 SH)	itute Nahant, MA :H)

			Graduate Fall Semester (Second Year) EEMB 7674 Marine Biology Research Project (1 SH)
			Grad Courses Recommended to be taken during Undergrad Project (1 SH)
s	MA/MS Degree Name	Eligible Undergrad Majors	Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with t
5	WAY WIS Degree Walle		(where rever than four courses are inset), the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
	MPS Analytics	BS Information Technology	ALY 600/ALY 601/ALY 601/ALY 603/ALY 6050/ALY 6070/ALY elective credit
-	IVIPS Analytics	BS III OF ITALION TECHNOlogy	CED 6050 - Commerce and Economic Development
			CED 6010 - Applied Microeconomic Theory 1
			CED 6020 - Applied Macroeconomic Theory 1
	MS Commerce and Economic Development	BS Finance and Accounting Management	CED 6030 - Mathematical Methods for Economics 1
			CED 6040 - Applied Econometrics
			CED Elective - Course CED Elective
			CED Elective - Course CED Elective
	MPS Enterprise Intelligence	BS Analytics	EAI 6000/EAI 6010/EAI 6020/EAI 6080/EAI 6030/ALY 6110/EAI elective credit
	MPS Geospatial Services	BS Analytics	GIS 5103/GIS 5201/RMS 5105/GIS elective credit
		BS Information Technology	ITC 6300/ITC 6460/GIS 5103/RMS5105/GIS elective credit
			HRM 6025 - Workforce Analytics
			HRM 6042 - Strategic Workforce Planning
	MS Human Resource Management	BS Management	HRM 6060 - Organizational Design
	Wis Human Resource Management	b5 Management	HRM 6005 - Creating a High-Performance Organization: Strategic Organizational and HRM Choices
			HRM Elective - Course HRM Elective
			HRM Elective - Course HRM Elective
		BS Analytics	ALY 6040/ALY 6110/ITC 6400/ITC 6010/ITC 6035/ITC 6020/ITC elective credit
		· · · · · · · · · · · · · · · · · · ·	ITC 6400 - Foundations of Informatics
			ITC 6000 - Database Management Systems
			ITC 6010 - Information Technology Strategy and Governance
	MPS Informatics	BS Project Management	ITC 6035 - Information Technology Project Management
		bo i roject management	ITC 6035 Information Technology Project Management would be waived, and students would be allowed to choose two (2) ITC electives - Course ITC
			Information Technology Project Management would be waived, and students would be allowed to choose two (2) ITC electrices not Found
			Information receiving a roject wanagement would be wared, and students would be anowed to choose two (2) in clientives not round ITC 6020 - Information Systems Design and Development
		BS Information Technology	ITC GSD0/ITC G400/ITC G610/ITC elective credit
-		B3 Information reciniology	NPM 6100 - Strategic Management for the Nonprofit Sector
			NPM 6110 - Legal and Governance Issues in Nonprofit Organizations
	MS Nonprofit Management	BS Management	NPM 6120 - Financial Management for Nonprofit Organizations
			NPM 6130 - Fundraising and Development for Nonprofit Organizations
			NPM 6140 - Grant and Report Writing
-			NPM 6962 - Elective
			ITC 4500 - IT Project Management
			PJM 6000 - Project Management Practices
			PJM 6005 - Project Scope Management
		BS Information Technology	PJM 6015 - Project Risk Management
			PJM 6025 - Project Scheduling and Cost Planning
			PJM 6135 - Project Quality Management
	MS Project Management		PJM 6205 - Leading and Managing Technical Projects
	morroject mandgement		PJM 6810 - Principles of Agile Project Management
			PJM 6005 - Project Scope Management
			PJM 6015 - Project Risk Management
		DC 14-	PJM 6025 - Project Scheduling and Cost Planning
		BS Management	PJM 6135 - Project Quality Management
			PJM 6962 - Elective
			PIM 6962 - Elective
F	MS Regulatory Affairs	BS Biotechnology	RGA 6000/RGA 6001/RGA 6203/RGA 6106/RGA 6202
	ino negatacory mano	55 51010051	Students will be required to take a total of 20 QH. 16 QH during term 8 and 4 QH in term 9.
			EDU 6107 Inclusion, Equity and Diversity (4 QH)
			EDU 6086 Foundations of Literacy Development and Instruction (4 QH)
	Teaching, Elementary Licensure, MAT	BS Psychology	
	reaching, Elementary Litensure, MAT	do regunology	EDU 6102 Reflection, Community Engagement and Agency in (2 QH) Education
			EDU 6101 Critical Issues in Education: Past and Present (2 QH)
			EDU 6104 Child and Adolescent Development, Learning, and Teaching (4 QH)
L			EDU 6051 Culture, Equity, Power & Influence (4 QH)
	Cross-College Graduate Program	UG Program	
	MS Applied Behavior Analysis (Bouvé)	BS Psychology (CPS)	CAEP 6326/CAEP 6329/CAEP 6327/CAEP 6328/CAEP 6334
F			NTR 6100 - Advanced Nutrition and Metabolism
			NTD C110 Medical Nutrition Thereasy
			NTR 6110 - Medical Nutrition Therapy

1		1	NTR 6115 - Health Promotion/Disease Prevention
			NTR 6118 - Clinical Health Behavior Change
	MS Biotechnology (COS)	BS Biotechnology (CPS)	BIOT 5120/BIOT 5631/BIOT 5219/BIOT 5145/BIOT 6299/BIOT 6214/CHEM 5620
	MS Computer Science (Khoury)	BS Information Technology (CPS)	ALIGN: CS 5001/CS 5200/CS 5004/CS 5006/CS 5007. MSCS: CS 5800/CS 5500/CS 5200/CS 5600
			ENTR 6200 - Enterprise Growth and Innovation
			INTB 6200 - Managing the Global Enterprise
			HRMG 6200 - Managing People and Organizations
			MGMT 6214 - Negotiations
	MS Management (MS)	BS Finance and Accounting Management	MKTG 6200 - Creating and Sustaining Customer Markets
			FINA 6309 - Foundations of Accounting and Finance
			ACCT 6200 - Financial Reporting and Managerial Decision Making 1
			SCHM 6201 - Operations and Supply Chain Management
-	MS Public Health (Bouvé)	BS Health Management (CPS)	FINA 6309 - Foundations of Accounting and Finance PHTH 5212/ PHTH 5214/PHTH 5202/PHTH 5210/PHTH 6204
	INIS Public Health (Bouve)	BS Realth Management (CPS)	
CSSH	MA/MS Degree Name	Eligible Undergrad Majors	Grad Courses Recommended to be taken during Undergrad Program (Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
			POLS 7341: Security and Resilience Policy; CRIM 7200: Criminology or POLS 7369:
	Security and Resilience Studies	All majors	International Security or POLS 7346: Resilient Cities or POLS 7343: Counterterrorism or POLS 7441: Cyberconflict or PPUA 5390: Special Topics in Public Policy
		Aimajors	and Urban Affairs
	Political Science		pending
	МРР		PPUA 6502 Economic Institutions and Analysis; INSH 6500 Statistical Analysis; INSH 6300 Research Methods
-	MPA	-	PPUA 6502 Economic Institutions and Analysis; PPUA 6505 Public Budgeting and Financial Management; INSH 6500 Statistical Analysis
·	Urban Planning and Policy	1	PPUA 6501 The 21st Century City: Urban Opportunities and Challenges; PPUA 6502 or SUEN 6340; Gateway Course; Methods Course
·		1	ECON 5105 Mathematics and Statistics for Economists or ECON 6105 Advanced Mathematics and Statistics for Economists
			ECON 5110 Microeconomic Theory or ECON 6110 Advanced Microeconomic Theory
	Economics		ECON 5120 Macroeconomic Theory or ECON 6120 Advanced Macroeconomic Theory
			ECON 5140 Applied Econometrics or ECON 6140 Advanced Applied Econometrics
İ	English	All majors	ENGL 5103 Proseminar; ENGL 7281, 7282, or 7283; ENGL 7284 or 7351; ENGL 7360 or 7395
İ	×		Public History Concentration - HIST 5101 Methodology I; HIST 5237 Issues and Methods in Public History. World History Concentration - HIST 5101
	History		Methodology I; HIST 5102 Methodology II
-	Criminology and Criminal Justice	-	CRIM 7200 Criminology or CRIM 7202 Criminal Justice Process; INSH 6500 Statistics or INSH 6300 Research Methods
	International Affairs		POLS 7387 Global Governance; SOCL 7221 Globalization, Development, and Social Justice; Social Science Methods Core Course; Public Policy Core Course
	Urban Informatics		PPUA 5262 Big Data for Cities; PPUA 5263 Geographic Information Systems for Urban and Regional Policy; INSH 5301 Introduction to Computational Statistics; INSH 5302 Information Design and Visual Analytics
			Regionar Date, included to computation to computational address, included information begin and value and international address and the second s
DMSB	MA/MS Degree Name	Eligible Undergrad Majors	determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
	MS in Accounting	BSBA with Accounting Major	
	MS in Business Analytics	All STEM majors and/or non-STEM majors with the requirement of college leve	CHOOSE TWO: MKTG 6200 Creating and Sustaining Customer Markets, MKTG 6234 Marketing Analytics, MISM 6200 Introduction to Business Analytics,
	INIS III BUSINESS ANAIYUCS	statistics course with a final grade of B or better	MISM 6203 Business Analytics Methods
	MS in Finance (Quantitative Finance)	Mathematics, Economics, Statistic, Computer Science	FINA 6301 Corporate Finance, FINA 6203 Investment Analysis
-	MS in International Management	International affairs, Political science	INTB 6226 Becoming a Global Leader, INTB 6200 International Business Management
·			ENTR 6200 - Enterprise Growth and Innovation
			INTB 6200 - Managing the Global Enterprise
			HRMG 6200 - Managing People and Organizations
			MGMT 6214 - Negotiations
	MS in Management	Finance and Accounting Management, BS (CPS)	MKTG 6200 - Creating and Sustaining Customer Markets
		Management, BS (CPS)	FINA 6309 - Foundations of Accounting and Finance
			ACCT 6200 - Financial Reporting and Managerial Decision Making 1
			SCHM 6201 - Operations and Supply Chain Management
			FINA 6309 - Foundations of Accounting and Finance
Khoury	MA/MS Degree Name	Eligible Undergrad Majors	Grad Courses Recommended to be taken during Undergrad Program (Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
			Up to four graduate courses may be taken while an undergraduate. It is strongly recommended that students take the following courses: CS 5400 Principles
			of Programming Language; CS 5600 Computer Systems; CS 5800 Algorithms
			Below is a standard list of substitutions for graduate replacements of undergraduate degree requirements. However, these are only guidelines
			and specific substitutions require consultation with the undergraduate major advisor to ensure fulfillment of undergraduate degree
			requirements.
			Undergraduate Requirement
			CS 3000 Algorithms & Data

	MS in Computer Science	Students in Computer Science, Information Science, Data Science, and	CS 3200 Database Design CS 3650 Computer Systems CS 3700 Networks & Distributed Systems CS 4100 Artificial Intelligence CS 4150 Game Artificial Intelligence CS 4300 Computer Graphics CS 4400 Programming Languages CS 4500 Software Development CS 4520 Mobile Application Development CS 4520 Mobile Application Development CS 4550 Building Game Engines IS 4300 Human Computer Interaction
	MS in Data Science	Students in Data Science degree programs can complete a PlusOne with the MS in Data Science degree. Includes combined degrees with Data Science.	Students in Data Science degree programs can complete a PlusOne with the MS in Data Science degree. Students must complete all four listed masters courses while in their undergraduate program. All four will be applied to both the undergraduate and graduate degree programs. Students who have already taken the undergraduate version of any of the below courses are not eligible for the PlusOne degree in Data Science. Undergraduate Requirement DS 3000 Foundations of Data Science DS 4400 Machine Learning and Data Mining 1 DS 4420 Machine Learning and Data Mining 2 CS 3000 Algorithms & Data
	MS in Data Science	MS in Data Science degree. Includes combined degrees with Data Science.	
	MS in Cybersecurity	Students in the Cybersecurity degree programs can complete a PlusOne with the MS in Cybersecurity degree. Includes combined degrees with	Up to four graduate level courses may be applied toward both the undergraduate and graduate degree programs. Undergraduate Course Requirement Cybersecurity Elective CS 4170 The Law, Ethics and Policy of Data and Digital Technologies Cybersecurity Elective Cs 4170 The Law, Ethics and Policy of Data and Digital Technologies Cybersecurity Elective Cs 4710 Mobile and Wireless Systems CS 5770 Software Vulnerabilities and Security CS 4770 Cryptography CS 4750 Cryptography CS 3400 Networks and Distributed Systems CS 3700 Notworks and Distributed Systems
LAW	Degree Name	Eligible Undergrad Majors	Grad Courses Recommended to be taken during Undergrad Program (Where fewer than four courses are listed, the remaining courses will be determined on the basis of the student's program in consultation with the graduate and undergraduate advisors)
	JD (the JD program)	All	The first year of the JD program has a set curriculum that includes LAW 6100: Civil Procedure (5 credits), LAW 6105: Property (4 credits), LAW 6106: Torts (4 credits), LAW 6160: Legal Skills in Social Context (4 credits in total), LAW 6165: Legal Skills in Social Context (4 credits), LAW 6106: Torts (4 in total), LAW 6100: Constitutional Law (4 credits), LAW 6102: Contracts (5 credits), and LAW 6103: Criminal Justice (4 credits). Individual students and advisors must determine whether these courses can be used to fulfill undergraduates' curricular requirements.