

Prior Approved Degree Courses

This is a sample list of courses that have been previously approved for degree credit in the System Design and Management program. Courses are noted as depth, foundation, or elective courses. The list is provided to give perspective on the range of options available through the SDM program. Courses are added and removed each term, and not all courses may be taught in a given year. As a result, this document is for informational purposes only and should not be used for planning degree completion.

For the most up-to-date information on course offerings, including complete course descriptions, please visit the [MIT course catalog](#). This document was last updated in October 2026.

ENGINEERING COURSES

EM.420 MODEL-BASED ENGINEERING IN PRODUCT DEVELOPMENT LIFECYCLE

12 CREDITS | DEPTH

EM.423 SDM IN CHANGING WORLD: TOOLS

6 CREDITS | DEPTH

EM.424 SDM IN CHANGING WORLD: PROJECTS

6 CREDITS | DEPTH

1.001[J] ENGINEERING COMPUTATION AND DATA SCIENCE

12 CREDITS | ELECTIVE

1.125 ARCHITECTING AND ENGINEERING SOFTWARE SYSTEMS

12 CREDITS | ELECTIVE

1.200[J] TRANSPORTATION FOUNDATION AND METHODS

12 CREDITS | DEPTH

1.202 DEMAND MODELING

12 CREDITS | DEPTH

1.231[J] PLANNING & DESIGN OF AIRPORT SYSTEMS

6 CREDITS | ELECTIVE

1.261[J] SUPPLY CHAIN TRANSFORMATION: CASE STUDIES

6 CREDITS | ELECTIVE

1.263[J] LAST-MILE LOGISTICS SYSTEMS

6 CREDITS | ELECTIVE

1.472[J] INNOVATIVE PROJECT DELIVERY PUBLIC & PRIVATE SECTORS

6 CREDITS | ELECTIVE

1.541[J] MECHANICS AND DESIGN OF CONCRETE STRUCTURES

12 CREDITS | ELECTIVE

1.564[J] ENVIRONMENTAL TECHNOLOGIES IN BUILDINGS

9 CREDITS | ELECTIVE

1.573[J] STRUCTURAL MECHANICS

12 CREDITS | ELECTIVE

1.575[J] COMPUTATIONAL STRUCTURAL DESIGN & OPTIMIZATION

1 CREDIT | DEPTH

1.818[J] SUSTAINABLE ENERGY

12 CREDITS | ELECTIVE

1.861[J] PHYSICS & ENGINEERING OF RENEWABLE ENERGY SYSTEMS

12 CREDITS | DEPTH

1.C51[J] MACHINE LEARNING FOR SUSTAINABLE SYSTEMS

6 CREDITS | ELECTIVE

1.S980 SPEC GRAD SUBJECT: CIVIL & ENVIRO ENGINEERING

1 CREDIT | DEPTH

2.094[J] ATOMISTIC MODELING & SIM OF MATERIALS & STRUCTURES

12 CREDITS | ELECTIVE

2.096[J] INTRODUCTION TO MODELING & SIMULATION

12 CREDITS | ELECTIVE

2.111[J] QUANTUM COMPUTATION

12 CREDITS | ELECTIVE

2.120[J] INTRODUCTION TO ROBOTICS

12 CREDITS | ELECTIVE



2.131 ADVANCED INSTRUMENTATION AND MEASUREMENT

12 CREDITS | ELECTIVE

2.140[J] ANALYSIS AND DESIGN OF FEEDBACK CONTROL SYSTEMS

12 CREDITS | ELECTIVE

2.151 ADVANCED SYSTEM DYNAMICS AND CONTROL

12 CREDITS | ELECTIVE

2.154 MANEUVERING & CONTROL OF SURFACE & UNDERWATER VEHICLES

12 CREDITS | ELECTIVE

2.156 AI & ML FOR ENGINEERING DESIGN

12 CREDITS | DEPTH

2.160 IDENTIFICATION, ESTIMATION, AND LEARNING

12 CREDITS | ELECTIVE

2.165[J] ROBOTICS

12 CREDITS | ELECTIVE

2.174 ADVANCING MECHANICS & MATERIALS VIA ML

12 CREDITS | ELECTIVE

2.183[J] BIOMECHANICS AND NEURAL CONTROL OF MOVEMENT

12 CREDITS | ELECTIVE

2.22[J] DESIGN PRINCIPLES FOR OCEAN VEHICLES

12 CREDITS | ELECTIVE

2.42 GENERAL THERMODYNAMICS

12 CREDITS | ELECTIVE

2.55 ADVANCED HEAT AND MASS TRANSFER

12 CREDITS | ELECTIVE

2.625[J] ELECTROCHEMICAL ENERGY CONVERSION & STORAGE

12 CREDITS | ELECTIVE

2.680 UNMAN MARINE VEHICLE AUTONOMY, SENSING & COMM

12 CREDITS | ELECTIVE

2.702 SYSTEMS ENGINEERING & NAVAL SHIP DESIGN

12 CREDITS | DEPTH

2.720[J] ELEMENTS OF MECHANICAL DESIGN

12 CREDITS | ELECTIVE

2.737 MECHATRONICS

12 CREDITS | ELECTIVE

2.75[J] MEDICAL DEVICE DESIGN

12 CREDITS | ELECTIVE

2.77[J] FUNDAMENTALS OF PRECISION PRODUCT DESIGN

12 CREDITS | ELECTIVE

2.778[J] SYSTEMS THINKING AND COMPLEX PROBLEM SOLVING

12 CREDITS | ELECTIVE

2.782[J] DESIGN OF MEDICAL DEVICES AND IMPLANTS

12 CREDITS | ELECTIVE

2.788 MECHANICAL ENGINEERING & DESIGN OF LIVING SYSTEMS

12 CREDITS | ELECTIVE

2.810 MANUFACTURING PROCESSES AND SYSTEMS

12 CREDITS | ELECTIVE

2.830[J] CONTROL OF MANUFACTURING PROCESSES

12 CREDITS | ELECTIVE

2.854[J] INTRODUCTION TO MANUFACTURING SYSTEMS

12 CREDITS | DEPTH

2.884 PROCESS DATA ANALYTICS

3 CREDITS | ELECTIVE

2.888 GLOBAL MANUFACTURING INNOVATION & ENTREPRENEURSHIP

3 CREDITS | ELECTIVE

2.98 SPORTS TECH: ENGINEERING & INNOVATION

6 CREDITS | ELECTIVE

3.207[J] INNOVATION AND COMMERCIALIZATION

12 CREDITS | ELECTIVE

3.70[J] MATERIALS SCIENCE & ENGINEERING OF CLEAN ENERGY

12 CREDITS | ELECTIVE

6.3102[J] DYNAMIC SYSTEM MODELING & CONTROL DESIGN

12 CREDITS | ELECTIVE

6.3702 INTRODUCTION TO PROBABILITY

12 CREDITS | ELECTIVE

6.3952[J] AI, DECISION MAKING & SOCIETY

12 CREDITS | ELECTIVE

6.4132[J] PRINCIPLES OF AUTONOMY & DECISION MAKING

12 CREDITS | ELECTIVE

6.4212 ROBOTIC MANIPULATION

12 CREDITS | ELECTIVE

6.4822[J] QUANTITATIVE & CLINICAL PHYSIOLOGY

12 CREDITS | ELECTIVE

6.4832[J] FIELDS, FORCES, & FLOWS IN BIOLOGICAL SYSTEMS

12 CREDITS | ELECTIVE

6.4861[J] MEDICAL DEVICE DESIGN

12 CREDITS | ELECTIVE

6.5400[J] THEORY OF COMPUTATION

12 CREDITS | ELECTIVE

6.5610 APPLIED CRYPTOGRAPHY AND SECURITY

12 CREDITS | ELECTIVE

6.5660 COMPUTER SYSTEMS SECURITY

12 CREDITS | ELECTIVE

6.5810 OPERATING SYSTEM ENGINEERING

12 CREDITS | ELECTIVE

6.5820[J] COMPUTER NETWORKS

12 CREDITS | ELECTIVE

6.5830[J] DATABASE SYSTEMS

12 CREDITS | ELECTIVE

6.5840 DISTRIBUTED COMPUTER SYSTEMS ENGINEERING

12 CREDITS | DEPTH

6.5900 COMPUTER SYSTEM ARCHITECTURE

12 CREDITS | DEPTH

6.5940 TINYML & EFFICIENT DEEP LEARNING

12 CREDITS | ELECTIVE



6.6010 ANALYSIS & DESIGN: DIGITAL CIRCUIT

12 CREDITS | ELECTIVE

6.6020 HIGH FREQUENCY INTEGRATED CIRCUITS

12 CREDITS | ELECTIVE

6.6300 ELECTROMAGNETICS

12 CREDITS | ELECTIVE

6.6310 OPTICS AND PHOTONICS

12 CREDITS | ELECTIVE

6.6400 APPLIED QUANTUM & STATISTICAL PHYSICS

12 CREDITS | ELECTIVE

6.6500[J] INTEGRATED MICROELECTRONIC DEVICES

12 CREDITS | ELECTIVE

6.7121[J] MODELS, CONTROLS OF ENERGY SYSTEMS

12 CREDITS | ELECTIVE

6.7260 NETWORK SCIENCE AND MODELS

12 CREDITS | ELECTIVE

6.7300[J] INTRODUCTION TO MODELING & SIMULATION

12 CREDITS | ELECTIVE

6.7320[J] PARALLEL COMPUTING & SCIENTIFIC MACHINE LEARNING

12 CREDITS | ELECTIVE

6.7340[J] FAST METHODS FOR PAR, DIFF & INTEGRAL EQUATIONS

12 CREDITS | ELECTIVE

6.7410[J] PRINCIPLES OF DIGITAL COMMUNICATION

12 CREDITS | ELECTIVE

6.7730 MODERN MATHEMATICAL STATISTICS

12 CREDITS | DEPTH

6.7810 ALGORITHMS FOR INFERENCE

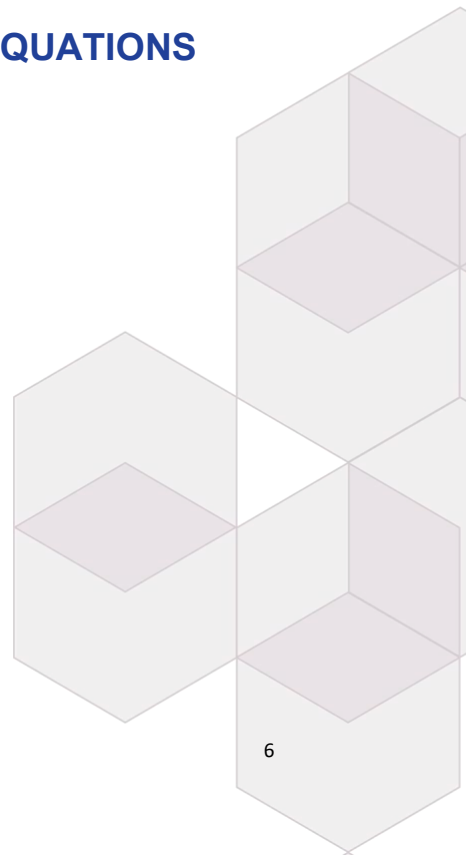
12 CREDITS | ELECTIVE

6.7900 MACHINE LEARNING

12 CREDITS | ELECTIVE

6.7910[J] STATISTICAL LEARNING THEORY

12 CREDITS | ELECTIVE



6.7920[J] REINFORCEMENT LEARNING: FOUNDATIONS & METHODS

12 CREDITS | ELECTIVE

6.7960 DEEP LEARNING

12 CREDITS | ELECTIVE

6.8300 ADVANCES IN COMPUTER VISION

12 CREDITS | ELECTIVE

6.8370[J] ADVANCED COMPUTATIONAL PHOTOGRAPHY

12 CREDITS | ELECTIVE

6.8420[J] COMPUTATIONAL DESIGN & FABRICATION

12 CREDITS | ELECTIVE

6.8610 QUANTITATIVE METHODS FOR NATURAL LANGUAGE PROCESSING

12 CREDITS | ELECTIVE

6.C51[J] MODELING WITH ML: ALGORITHMS TO APPS

6 CREDITS | ELECTIVE

6.C511[J] MODELING WITH ML FOR COMPUTER SCIENCE

6 CREDITS | ELECTIVE

6.C895[J] ALGORITHMIC & HUMAN DECISION-MAKING

12 CREDITS | ELECTIVE

10.53[J] ADVANCES IN BIOMANUFACTURING

3 CREDITS | ELECTIVE

10.551 SYSTEM ENGINEERING

9 CREDITS | ELECTIVE

10.585 ENGINEERING NANOTECHNOLOGY

12 CREDITS | ELECTIVE

10.626[J] ELECTROCHEMICAL ENERGY SYSTEMS

12 CREDITS | ELECTIVE

16.31[J] FEEDBACK CONTROL SYSTEMS

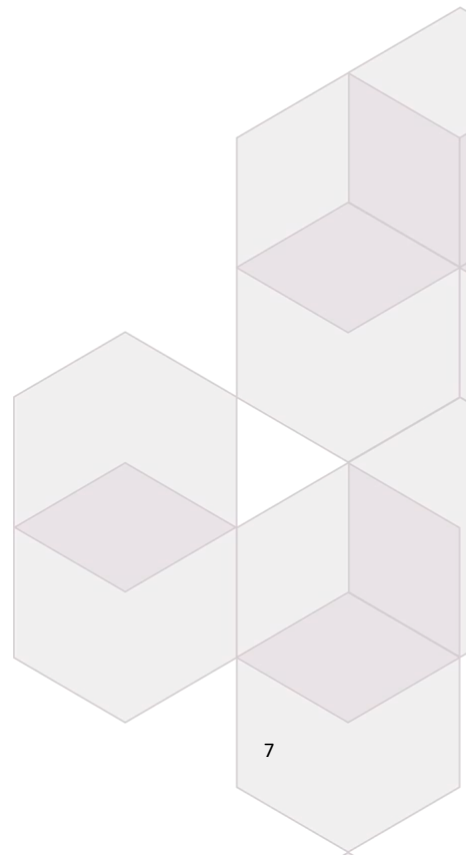
12 CREDITS | ELECTIVE

16.32 OPTIMAL CONTROL & ESTIMATION

12 CREDITS | ELECTIVE

16.363[J] COMMUNICATION SYSTEMS & NETWORKS

12 CREDITS | ELECTIVE



16.391 STATISTICS FOR ENGINEERS & SCIENTISTS

12 CREDITS | DEPTH

16.422 HUMAN SUPERVISORY CONTROL

12 CREDITS | ELECTIVE

16.423[J] AEROSPACE BIOMEDICAL & LIFE SUPPORT ENG

12 CREDITS | ELECTIVE

16.453[J] HUMAN SYSTEMS ENGINEERING

12 CREDITS | DEPTH

16.511 AIRCRAFT ENGINES AND GAS TURBINES

12 CREDITS | ELECTIVE

16.522 SPACE PROPULSION

12 CREDITS | ELECTIVE

16.781[J] PLANNING & DESIGN OF AIRPORT SYSTEMS

6 CREDITS | ELECTIVE

16.851 INTRO TO SATELLITE ENGINEERING

6 CREDITS | ELECTIVE

16.853 ADVANCED SATELLITE ENGINEERING

6 CREDITS | ELECTIVE

16.863[J] SYSTEM SAFETY

12 CREDITS | DEPTH

16.886 AIR TRANSPORTATION SYSTEMS ARCHITECTING

12 CREDITS | ELECTIVE

16.89[J] SPACE SYSTEMS ENGINEERING

12 CREDITS | DEPTH

16.891 SPACE POLICY

3 CREDITS | ELECTIVE

16.S896 AEROSPACE SYSTEMS

1 CREDIT | ELECTIVE

20.201 FUNDAMENTALS OF DRUG DEVELOPMENT

12 CREDITS | ELECTIVE

20.203[J] NEUROTECHNOLOGY IN ACTION

12 CREDITS | ELECTIVE

20.405[J] PRINCIPLES OF SYNTHETIC BIOLOGY

12 CREDITS | ELECTIVE

20.420[J] PRINCIPLES OF MOLECULAR BIOENGINEERING

12 CREDITS | ELECTIVE

20.445[J] METHODS & PROBLEMS IN MICROBIOLOGY

12 CREDITS | ELECTIVE

20.452[J] PRINCIPLES OF NEUROENGINEERING

12 CREDITS | ELECTIVE

20.490 COMPUTATIONAL SYSTEMS BIOLOGY

12 CREDITS | DEPTH

20.554[J] ADVANCES IN CHEMICAL BIOLOGY

12 CREDITS | ELECTIVE

22.38 PROBABILITY & APPLICATIONS TO RELIABILITY, QUALITY, AND RISKS

12 CREDITS | ELECTIVE

22.611[J] INTRODUCTION TO PLASMA PHYSICS 1

12 CREDITS | ELECTIVE

22.811[J] SUSTAINABLE ENERGY

12 CREDITS | ELECTIVE

IDS.412[J] SCIENCE, TECHNOLOGY, & PUBLIC POLICY

12 CREDITS | ELECTIVE

SCM.256 DATA SCI MACHINE LEARNING FOR SCM

12 CREDITS | ELECTIVE

SCM.264[J] DATABASES AND DATA ANALYSIS FOR SCM

6 CREDITS | ELECTIVE

SCM.266 FREIGHT TRANSPORTATION

6 CREDITS | ELECTIVE

SCM.275 ADVANCED SUPPLY CHAIN PLANNING & NETWORK DESIGN

3 CREDITS | ELECTIVE

SCM.291 PROCUREMENT FUNDAMENTALS

6 CREDITS | ELECTIVE

MANAGEMENT COURSES

15.016[J] CLIMATE & ENERGY IN GLOBAL ECONOMY

12 CREDITS | ELECTIVE

15.025[J] GAME THEORY FOR STRATEGIC ADVANTAGE

9 CREDITS | ELECTIVE

15.027 PRIVATE SECTOR IN EMERGING MARKETS

6 CREDITS | ELECTIVE

15.071 THE AI EDGE

12 CREDITS | FOUNDATION

15.072 ADVANCED ANALYTICS EDGE

6 CREDITS | FOUNDATION

15.095 MACHINE LEARNING UNDER MODERN OPTIMIZATION LENS

12 CREDITS | ELECTIVE

15.128 [J] REVOLUTIONARY VENTURES: INVENT & DEPLOY TRANSFORMATIVE TECHNOLOGIES

9 CREDITS | ELECTIVE

15.141[J] ECONOMICS & ANALYTICS OF HEALTH CARE INDUSTRIES

9 CREDITS | ELECTIVE

15.216 CENTRAL BANKS, MONETARY POLICY & GLOBAL FIN MARKETS

9 CREDITS | ELECTIVE

15.218 GLOBAL ECON CHALLENGES & OPPORTUNITIES

9 CREDITS | FOUNDATION

15.223 GLOBAL MARKETS, NATIONAL POLICIES

6 CREDITS | ELECTIVE

15.225 MODERN ECON & BUSINESS IN CHINA

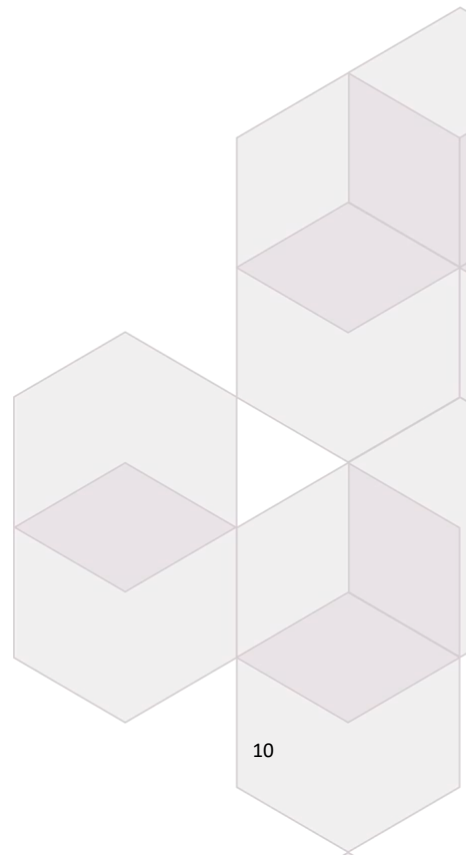
12 CREDITS | ELECTIVE

15.226 MODERN BUSINESS IN ASIA: ASEAN LAB

12 CREDITS | ELECTIVE

15.232 BREAKTHROUGH VENTURES

6 CREDITS | ELECTIVE



15.236 GLOBAL BUSINESS OF AI & ROBOTICS

6 CREDITS | ELECTIVE

15.269 LEADERSHIP STORIES

9 CREDITS | ELECTIVE

15.270 ETHICAL PRACTICE

6 CREDITS | ELECTIVE

15.281 ADVANCED LEADERSHIP COMMUNICATION

9 CREDITS | ELECTIVE

15.283 SOCIAL MEDIA MANAGEMENT

9 CREDITS | ELECTIVE

15.286 COMMUNICATING WITH DATA

6 CREDITS | ELECTIVE

15.318 DISCOVERING YOUR LEADERSHIP SIGNATURE

6 CREDITS | ELECTIVE

15.321 IMPROVISATIONAL LEADERSHIP

6 CREDITS | ELECTIVE

15.358 STRATEGY IN AGE OF DIGITAL PLATFORMS

9 CREDITS | FOUNDATION

15.363[J] STRATEGIC DECISION MAKING IN LIFE SCIENCE VENTURES

9 CREDITS | ELECTIVE

15.364 INNOVATION ECOSYSTEMS FOR REGIONAL ENTREPRENEURSHIP ACCELERATION LEADERS

9 CREDITS | FOUNDATION

15.366 CLIMATE & ENERGY VENTURES

12 CREDITS | ELECTIVE

15.367[J] HEALTHCARE VENTURES

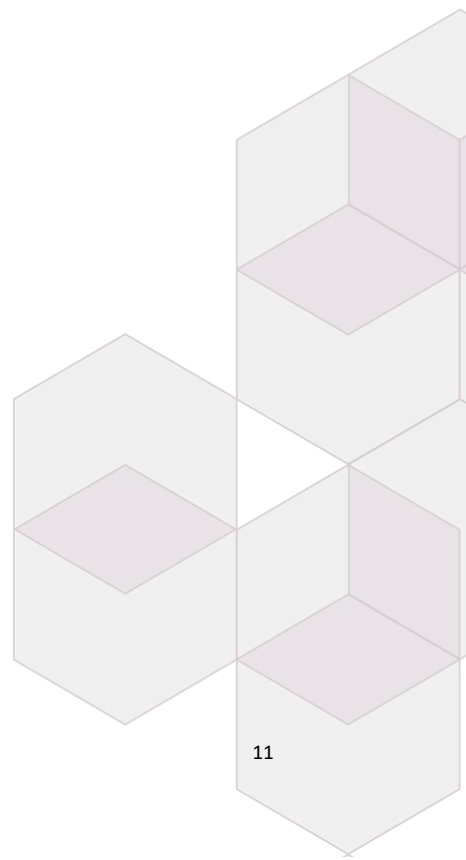
12 CREDITS | ELECTIVE

15.369 CORPORATE ENTREPRENEURSHIP

6 CREDITS | ELECTIVE

15.374 ORGANIZING FOR INNOVATION

6 CREDITS | FOUNDATION



15.378 BUILDING AN ENTREPRENEURIAL VENTURE

12 CREDITS | ELECTIVE

15.385 INNOVATING FOR IMPACT

6 CREDITS | ELECTIVE

15.387 ENTREPRENEURIAL SALES

12 CREDITS | ELECTIVE

15.388 VENTURE CREATION TACTICS

12 CREDITS | ELECTIVE

15.389 GLOBAL ENTREPRENEURSHIP LAB

12 CREDITS | ELECTIVE

15.390 ENTREPRENEURSHIP 101

12 CREDITS | FOUNDATION

15.392 SCALING ENTREPRENEURIAL VENTURES

6 CREDITS | ELECTIVE

15.394 ENTREPRENEURIAL FOUNDING AND TEAMS

9 CREDITS | FOUNDATION

15.399 ENTREPRENEURSHIP LAB

12 CREDITS | ELECTIVE

15.401 MANAGERIAL FINANCE

9 CREDITS | FOUNDATION

15.402 CORPORATE FINANCE

9 CREDITS | ELECTIVE

15.426[J] REAL ESTATE FINANCE AND INVESTMENT

12 CREDITS | ELECTIVE

15.431 ENTREPRENEURIAL FINANCE & VENTURE

9 CREDITS | FOUNDATION

15.434 ADVANCED CORPORATE FINANCE

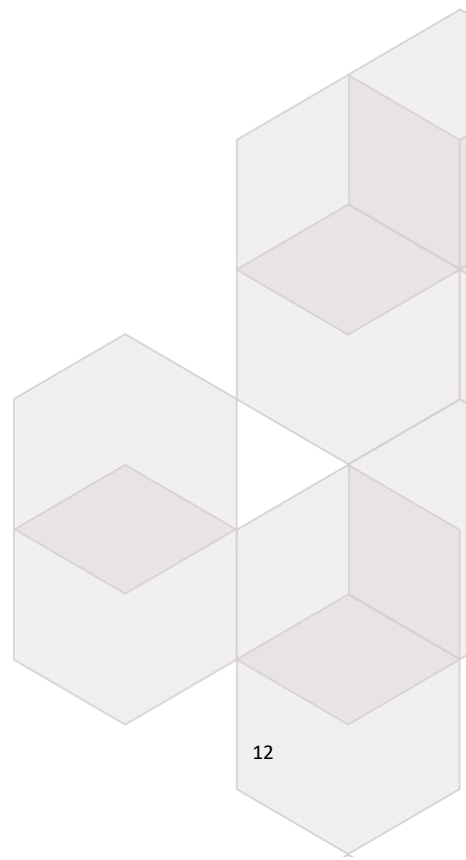
9 CREDITS | ELECTIVE

15.437 OPTIONS AND FUTURES MARKETS

9 CREDITS | ELECTIVE

15.439 QUANTITATIVE INVESTMENT MANAGEMENT

9 CREDITS | FOUNDATION



15.451 INVESTMENT MANAGEMENT LAB

6 CREDITS | ELECTIVE

15.453 FINANCE LAB

9 CREDITS | ELECTIVE

15.456 FINANCIAL ENGINEERING

9 CREDITS | ELECTIVE

15.458 FINANCIAL DATA SCIENCE & COMPUTING

9 CREDITS | ELECTIVE

15.492 BLOCKCHAIN, CRYPTO FINANCE & MONEY

6 CREDITS | ELECTIVE

15.497 FINTECH VENTURES

9 CREDITS | ELECTIVE

15.499 CLIMATE & SOCIAL IMPACT INVESTING

6 CREDITS | ELECTIVE

15.515 FINANCIAL ACCOUNTING

9 CREDITS | FOUNDATION

15.516 CORPORATE FINANCIAL ACCOUNTING

12 CREDITS | FOUNDATION

15.521 ACCOUNTING INFORMATION FOR DECISION MAKERS

6 CREDITS | FOUNDATION

15.535 BUSINESS ANALYSIS USING FINANCIAL STATEMENTS

9 CREDITS | FOUNDATION

15.561 DIGITAL REVOLUTION

9 CREDITS | ELECTIVE

15.567 ECONOMICS OF INFORMATION

6 CREDITS | ELECTIVE

15.572 ACTION LEARNING ON ANALYTICS, ML, DIGITAL ECONOMY

9 CREDITS | ELECTIVE

15.615 ESSENTIAL LAW FOR BUSINESS

9 CREDITS | ELECTIVE

15.655[J] LAW, TECHNOLOGY, & PUBLIC POLICY

12 CREDITS | ELECTIVE



15.662[J] PEOPLE AND PROFITS

12 CREDITS | ELECTIVE

15.665 POWER & NEGOTIATION

9 CREDITS | FOUNDATION

15.677 LABOR MARKETS & EMPLOYMENT POLICY

12 CREDITS | ELECTIVE

15.761 INTRODUCTION TO OPERATIONS MANAGEMENT

9 CREDITS | FOUNDATION

15.764[J] THEORY OF OPERATIONS MANAGEMENT

12 CREDITS | ELECTIVE

15.768 MANAGEMENT OF SERVICES: CREATING VALUE

9 CREDITS | FOUNDATION

15.769 OPERATIONS STRATEGY

9 CREDITS | ELECTIVE

15.773 HANDS-ON DEEP LEARNING

6 CREDITS | ELECTIVE

15.774 AI FOR OPERATIONS

12 CREDITS | FOUNDATION

15.777 INTRO TO HEALTHCARE DELIVERY

15 CREDITS | ELECTIVE

15.784 OPERATIONS LAB

9 CREDITS | ELECTIVE

15.785 INTRO TO PRODUCT MANAGEMENT

6 CREDITS | ELECTIVE

15.814 MARKETING INNOVATION

9 CREDITS | FOUNDATION

15.815 APPLIED BEHAVIORAL ECONOMICS

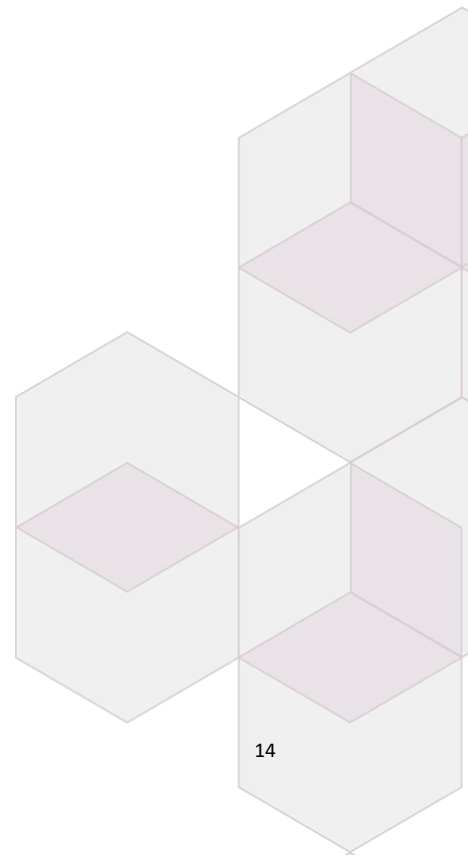
9 CREDITS | ELECTIVE

15.818 PRICING

6 CREDITS | FOUNDATION

15.819 MARKETING & PRODUCT ANALYTICS

9 CREDITS | ELECTIVE



15.821 LISTENING TO THE CUSTOMER

6 CREDITS | FOUNDATION

15.833 BUSINESS-TO-BUSINESS MARKETING

6 CREDITS | FOUNDATION

15.846 BRANDING

6 CREDITS | ELECTIVE

15.871 INTRODUCTION TO SYSTEM DYNAMICS

6 CREDITS | FOUNDATION

15.873 SYSTEM DYNAMICS FOR BUSINESS & POLICY

9 CREDITS | FOUNDATION

15.878 SUSTAINABLE BUSINESS LAB

9 CREDITS | ELECTIVE

15.900 COMPETITIVE STRATEGY

9 CREDITS | FOUNDATION

15.911 ENTREPRENEURIAL STRATEGY

9 CREDITS | FOUNDATION

15.915 BUSINESS STRATEGIES FOR A SUSTAINABLE FUTURE

9 CREDITS | FOUNDATION

SPLIT ENGINEERING AND MANAGEMENT COURSES

EM.425 RESEARCH ON ENGINEERING PROJECTS & TEAMWORK

6 CREDITS | ELECTIVE

EM.426 MODEL-BUILDING & ANALYSIS LAB

6 CREDITS | ELECTIVE

6.7700[J] FUNDAMENTALS OF PROBABILITY

12 CREDITS | ELECTIVE

6.9280[J] LEADING CREATIVE TEAMS

9 CREDITS | ELECTIVE

16.855[J] SYSTEM ARCHITECTING: ENTERPRISES

12 CREDITS | ELECTIVE

IDS.865 [J] FOUNDATIONS OF AI VENTURES

12 CREDITS | ELECTIVE

15.054 [J] THE AIRLINE INDUSTRY

12 CREDITS | ELECTIVE

15.070[J] DISCRETE PROBABILITY & STOCHASTIC PROCESSES

12 CREDITS | ELECTIVE

15.081[J] INTRO TO MATH PROGRAMMING

12 CREDITS | ELECTIVE

15.084[J] NONLINEAR OPTIMIZATION

12 CREDITS | ELECTIVE

15.085[J] FUNDAMENTALS OF PROBABILITY

12 CREDITS | ELECTIVE

15.094[J] ROBUST MODELING, OPTIMIZATION & COMPUTATION

12 CREDITS | ELECTIVE

15.136[J] PRINCIPLES AND PRACTICE OF DRUG DEVELOPMENT

9 CREDITS | ELECTIVE

15.371[J] INNOVATION TEAMS

12 CREDITS | ELECTIVE

15.379[J] MOBILITY VENTURES

6 CREDITS | ELECTIVE



15.480[J] SCIENCE AND BUSINESS OF BIOTECHNOLOGY

9 CREDITS | ELECTIVE

15.563[J] ARTIFICIAL INTELLIGENCE FOR BUSINESS

9 CREDITS | ELECTIVE

15.657[J] TECHNOLOGY, GLOBALIZATION, AND SUSTAINABLE DEVELOPMENT

12 CREDITS | ELECTIVE

15.765 GLOBAL SUPPLY CHAIN MANAGEMENT

6 CREDITS | ELECTIVE

15.770[J] LOGISTICS SYSTEMS

12 CREDITS | ELECTIVE

15.783[J] PRODUCT DESIGN AND DEVELOPMENT

12 CREDITS | ELECTIVE

15.C57[J] OPTIMIZATION METHODS

12 CREDITS | FOUNDATION

