

# MSSE ELECTIVE (EMME)

Code	Title	Course Units
ACCT 6110	Fundamentals of Financial Accounting	1
ACCT 6130	Fundamentals of Financial and Managerial Accounting	1
ACCT 7060	Cost Management	0.5
ACCT 7470	Financial Disclosure Analytics	0.5-1
AMCS 5840	The Mathematics of Medical Imaging and Measurement	1
BE 5020	From Biomedical Science to the Marketplace	1
BE 5040	Biological Data Science II: Data Mining Principles for Epigenomics	1
BE 5470	Fundamental Techniques of Imaging	1
BE 5840	The Mathematics of Medical Imaging and Measurement	1
BEPP 7630	Energy Markets & Policy	1
CIS 5400	Principles of Embedded Computation	1
CIS 5410	Embedded Software for Life-Critical Applications	1
CPLN 7500	Advanced Transportation Seminar	1
EAS 5010	Energy and its Impacts: Technology, Environment, Economics, Sustainability.	1
EAS 5020	Renewable Energy and Its Impacts: Technology, Environment, Economics, Sustainability	1
EAS 5030	Energy Systems and Policy	1
EAS 5450	Engineering Entrepreneurship I	1
EAS 5460	Engineering Entrepreneurship II	1
EAS 5490	Engineering Entrepreneurship Lab	1
EDUC 6683	Survey Methods & Design	1
ESE 5160	IoT Edge Computing	1
ESE 5190	Smart Devices	1
ESE 5500	Advanced Transportation Seminar	1
ESE 6500	Learning in Robotics	1
FNCE 7250	Fixed Income Securities	1
FNCE 7500	Venture Capital and the Finance of Innovation	0.5-1
FNCE 7560	Energy Finance	1
HCMG 8410	Introduction to Health Management and Economics	0.5-1
HCMG 8530	Management and Strategy in Medical Devices and Technology	1
HCMG 8660	The Digital Transformation of Health Care	0.5
HCMG 8670	Health Care Entrepreneurship	0.5
HCMG 8900	Advanced Study Project: Management of Health Care Service Businesses	1
IPD 5000	Product Engineering Basics	1
IPD 5030	Design Fundamentals	1
IPD 5090	Needfinding	1
IPD 5140	Design for Manufacturability	1
IPD 5150	Product Design	1
IPD 5190	Smart Devices	1
IPD 5450	Engineering Entrepreneurship I	1
IPD 5510	Design Processes	1
MATH 5300	Mathematics of Finance	1
MATH 5840	The Mathematics of Medical Imaging and Measurement	1
MEAM 5100	Design of Mechatronic Systems	1
MEAM 5140	Design for Manufacturability	1
MEAM 5200	Introduction to Robotics	1
MEAM 6200	Advanced Robotics	1
MKTG 6110	Marketing Management	0.5
MKTG 6120	Dynamic Marketing Strategy	0.5
MKTG 6130	Strategic Marketing Simulation	0.5
MKTG 7750	Managing Customer Value	1
MKTG 7760	Applied Probability Models in Marketing	1
OIDD 5150	Product Design	1
OIDD 6110	Quality and Productivity	0.5
OIDD 6420	Analytics for Services	0.5
OIDD 6430	Analytics for Revenue Management	0.5
OIDD 7630	Energy Markets & Policy	1
STAT 5200	Applied Econometrics I	1
STAT 5210	Applied Econometrics II	1
STAT 7050	Statistical Computing with R	0.5
STAT 7110	Forecasting Methods for Management	1
STAT 7240	Text Analytics	0.5
STAT 7760	Applied Probability Models in Marketing	1