MASTER OF SCIENCE IN ENGINEERING AND MANAGEMENT

Management Electives

Managerial Economics

15.308	Leading the Way: Interpersonal and Organizational Strategies for Advancing DE&I	9

Operations Research/Statistics

15.068	Statistical Consulting	9
15.095	Machine Learning Under a Modern Optimization Lens	12

Health Care Management

15.128[J]	Revolutionary Ventures: How to Invent and Deploy Transformative Technologies	9
15.141[J]	Economics of Health Care Industries	6

Global Economics and Management

15.216	Central Banks, Monetary Policy and Global Financial Markets	9
15.223	Global Markets, National Policies and the Competitive Advantages of Firms	6
15.226	Modern Business in Southeast Asia: ASEAN Lab	12
15.232	Breakthrough Ventures: Effective Business Models in Frontier Markets	6
15.235	Blockchain and Money	6
15.236	Global Business of Artificial Intelligence and Robotics (GBAIR)	6
15.248	MENA Lab: Promoting Innovation & Entrepreneurship in the Middle East and North Africa	12

History, Environment, Ethics

15.269	Leadership Stories: Literature, Ethics, and Authority	9

Communication

15.270	Ethical Practice: Leading Through Professionalism, Social Responsibility, and System Design	6
15.281	Advanced Leadership Communication	9
15.283	Social Media Management: Persuasion in Networked Culture	9
15.286	Communicating with Data	6

Work and Organizational Studies

15.318	Discovering Your Leadership Signature	9
15.321	Improvisational Leadership: In-the-Moment Leadership Skills	6

Technology, Innovation, and Entrepreneurship

15.365	Overcoming Obstacles to Entrepreneurial Success	9
15.366	Climate & Energy Ventures	12
15.367[J]	Healthcare Ventures	12
15.369	Corporate Entrepreneurship Lab	9
15.378	Building an Entrepreneurial Venture: Advanced Tools and Techniques	12
15.385	Innovating for Impact	6
15.386	Leading in Ambiguity: Steering Through Strategic Inflection Points	6
15.387	Entrepreneurial Sales	12
15.388	Venture Creation Tactics	12
15.389	Global Entrepreneurship Lab	12
15.390	Entrepreneurship 101: Systematic Approach to New Venture Creation	12
15.392	Scaling Entrepreneurial Ventures	6
15.398	Corporations at the Crossroads: Leading an Organization Through Change & Challenge	6
15.399	Entrepreneurship Lab	12

Finance

15.402	Corporate Finance	9
15.426[J]	Real Estate Finance and Investment	12
15.434	Advanced Corporate Finance	9
15.437	Options and Futures Markets	9
15.451	Proseminar in Capital Markets/ Investment Management	6
15.453	Finance Lab	9
15.456	Financial Engineering	9
15.458	Financial Data Science and Computing	9
15.492	Practice of Finance: Crypto Finance	6
15.497	FinTech Ventures	9
15.499	Practice of Finance: Climate and Social Impact Investing	9

Information Technologies

15.561	Digital Revolution: From Foundations to Future Trends	9
15.562	Web3 and Strategy: Blockchain, Metaverse, and NFT Essentials	6
15.567	The Economics of Information: Strategy, Structure and Pricing	6
15.570	Digital Marketing and Social Media Analytics	6

15.572	Analytics Lab: Action Learning Seminar on Analytics, Machine Learning, and the Digital Economy	9
Law		
15.615	Essential Law	9
15.655[J]	Law, Technology, and Public Policy	12
Industrial Relations and Human Resources		
15.661	Building Successful Careers and Organizations	6
15.662[J]	People and Profits: Shaping the Future of Work	12
15.669	Strategies for People Analytics	6
15.677[J]	Labor Markets and Employment Policy	12
Operations Management		
15.764[J]	The Theory of Operations Management	12
15.769	Operations Strategy	9
15.777	Healthcare Lab: Introduction to Healthcare Delivery in the United States	15
15.784	Operations Laboratory	9
15.785	Product Management	6
Marketing		
15.815	Applied Behavioral Economics	9
15.819	Marketing and Product Analytics	9
15.846	Branding	6
15.847[J]	Consumer Behavior	9
System Dynamics		
15.878	Sustainable Business Lab	9