

BLEND^{ED} LEARNINGTM
WHERE THEORY MEETS PRACTICE

麻省理工学院 官方课程项目

2022 秋季学期课程时间安排

国际中文咨询通道



填写咨询表单后立即与课程组取得联系

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Certified SPOCs	Week	Start Date	End Date
Base SPOC: Machine Learning, Modeling, and Simulation Principles	6	10/29	12/10
Advanced SPOC: Applying Machine Learning to Engineering and Science	6	10/29	12/10
Base SPOC: Introduction to Quantum Computing	4	10/3	10/31
Advanced SPOC: Quantum Algorithms for Cybersecurity, Chemistry, and Optimization	4	11/7	12/5
System Thinking	5	10/3	11/7
Architecture of Complex Systems	5	9/26	10/31
Models in Engineering	4	11/7	12/5
Model-Based Systems Engineering: Documentation and Analysis	4	4/24	5/22
Quantitative Methods in Systems Engineering	4	2/20	3/20
Technical Innovation	3	10/24	11/14
Understanding Organizational Strategy and Capabilities	4	10/3	10/31
Negotiating and Applying Influence and Power	3	11/7	11/28
Navigating and Leveraging Culture and Networks	3	1/9/23	1/30/23
Discovering and Implementing Your Leadership Strengths	3	2/6/23	2/27/23
Negotiating to Create Value: The Mutual Gains Approach	4	10/3	10/31
Principles of Biomanufacturing: Using Biotechnology to Manufacture Medicines	6	9/5	10/17
Additive Manufacturing for Innovative Design and Production	12	9/19	12/12
Business Analytics	8	10/12	12/7
Economics for Managers	8	9/28	11/23
Financial Accounting	8	10/19	12/14
Sustainable Business Strategy	3	9/14	10/5
Global Business	4	10/5	11/2
Disruptive Strategy	6	9/28	11/9
Entrepreneurship Essentials	4	9/28	10/26
Leading with Finance	6	9/28	11/9
Alternative Investments	5	10/5	11/9
Management Essentials	8	10/19	12/14
Strategy Execution	8	9/14	11/9
Power and Influence for Positive Impact	6	10/5	11/16
Design Thinking and Innovation	7	10/5	11/23



Hands-on Project	Week	Start Date	End Date
Algorithmic Trading - Bridgewater Project	8	9/19	11/13
Intro to 3D Illustration - Pixar Project	8	9/19	11/13
Blended Reality - Solid Jellyfish Project	8	10/31	12/25
AI for New Frontiers in Energy and Environment - Shell Project	8	10/31	12/25
Natural Language Processing - Apple Siri Project	8	10/31	12/25
Intelligent Storage for Computing at the Edge of the Internet - Cisco Project	8	10/31	12/25
Business of Games - Nintendo Project	8	10/31	12/25
Technology Innovation and Its Relationship with Society - Intel Project	8	9/19	11/13
Recommendation Systems - Netflix Project	8	12/12	2/5/23
Empirical Research & Data Analytics in Operations Management - McKinsey Project	8	9/19	11/13
Applying Entrepreneurial Theory to Build Better Startups - PayPal project	8	9/19	11/13
Innovation Management - Deloitte Project	8	9/19	11/13
Perspectives in Quantitative Finance - Morgan Stanley Project	8	10/17	12/11
Strategic Ownership - Walmart Project	8	10/17	12/11
Blockchain and AI in Financial Data Science - Galaxy Digital Project	8	9/19	11/13
Applied Psychology With Human Data - Neuralink Project	8	10/17	12/11
Machine Learning and Smart Transportation - Lyft Project	8	10/17	12/11
Pollution and Air Quality Analysis - GE Project	8	9/19	11/13
Marketing for Social and Business Outcomes - BIT Project	8	1/9/23	3/5/23
Online Debate Models – Analyses, Metrics and Visualizations - Twitter Project	8	1/9/23	3/5/23
Computer Vision and Image Processing - Microsoft Project	8	2/27/23	4/23/22
Machine Learning in Quantitative Finance - J.P. Morgan Project	8	9/19	11/13
AI: Machine Learning in Healthcare - Johnson & Johnson Project	8	10/17	12/11
AI: Deep Learning in Medical Imaging - Siemens Project	8	10/17	12/11
Exploring Placemaking in VR - Meta	8	10/17	12/11
Applied Quantum Algorithms - Psi Quantum Project	8	10/17	12/11
Co-designing Quantum Computing Architecture - IBM Project	8	9/19	11/13



Research Project	Week	Start Date	End Date
Machine Learning in Quantitative Finance - J.P. Morgan Project	13	09/19	12/18
Computer Vision and Image Processing - Microsoft Project	13	2/27/23	05/28/23
Natural Language Processing - Apple Siri Project	13	4/17/23	7/16/23
Technology Innovation and Its Relationship With Society - Intel Project	13	09/19	12/18
Exploring Placemaking in VR Towards a More Inclusive Metaverse - Meta Project	13	2/27/23	05/28/23
Intelligent Storage for Computing at the Edge of the Internet - Cisco Project	13	01/23/23	04/23/23
Applied Quantum Algorithms - Psi Quantum Project	13	10/17	1/14/23
Co-designing Quantum Computing Architecture	13	9/19	12/27
Machine Learning and Smart Transportation - Lyft Project	13	1/9/23	4/9/23
Applied Psychology With Human Data - Neuralink Project	13	1/9/23	4/9/23
AI for New Frontiers in Energy and Environment - Shell Project	13	4/17/23	7/16/23
Online Debate Models – Analyses, Metrics and Visualizations - Twitter Project	13	1/9/23	4/9/23
Blockchain and AI in Financial Data Science - Galaxy Digital Project	13	09/19	12/18
Marketing for Social and Business Outcomes - BIT Project	13	1/9/23	4/9/23
Blended Reality - Solid Jellyfish Project	13	01/23/23	04/23/23
Atomistic Simulation - Schrödinger Project	13	12/12	3/12/23
Machine Learning in Healthcare - Johnson & Johnson Project	13	10/17	1/14/23
Machine Learning in Quantitative Finance - J.P. Morgan Project	13	09/19	12/18
Computer Vision and Image Processing - Microsoft Project	13	2/27/23	05/28/23
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科研项目
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RESEARCH PROJECT

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