

IMBA Course Field Table

-Mandatory Course

Course	Specializations	Ct.	Remarks
Accounting	Required	3	
Corporate Law	Required	3	
Economics101	Required	3	
Financial Management	Required	3	
Globalization Management	Required	3	
Management Information System	Required	3	
Technology Marketing	Required	3	
Organizational Behavior	Required	3	
Statistics	Required	3	
Research Methods and Data Analysis	Required	3	From 2023 enrollment

IMBA Course Field Table

-Elective Course

Course	Specializations	Ct.	Remarks
Social Network Analysis and Management	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship	3	
User Research Methods	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship	3	
Psychology + Design	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship	3	
Multisensory HCI: Reimagine Future Design Possibilities	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship	3	
Text Mining	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship	3	
Human Resource Management	Corporate Governance & Leadership	3	
Business Decision Making for New Organization	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Analysis of Technology Industry	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Strategic Supply Chain Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Business Models and Innovation Analytics	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Business in Emerging Markets	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Project Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	

Strategic Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship; Business Analytics & Data sciences; Finance & Banking; Global Economics and Management	3	
Business Analytics Using Computational Statistics	Elective–Business Analytics and Data Science; IT, Innovation & Entrepreneurship	3	
Service Security	Elective–IT, Innovation, and Entrepreneurship; Business Analytics & Data sciences	3	
Seminar in empirical financial econometrics	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences Finance & Banking	3	
Financial Risk Management	Corporate Governance & Leadership; Finance & Banking	3	
Financial Technology and Modern Finance	Finance & Banking; IT, Innovation & Entrepreneurship	3	
Seminar on Academic Research Careers in Finance and Innovation Economics	Finance & Banking; IT, Innovation & Entrepreneurship	3	
Empirical Corporate Finance and Innovation	Finance & Banking; IT, Innovation & Entrepreneurship	3	
Seminar on Macroeconomics	Global Economics and Management	3	
Topics in Econometrics	Global Economics and Management	3	
Matching Theory and Practice	Global Economics and Management	3	
Machine Learning and Econometrics	IT, Innovation & Entrepreneurship; Global Economics and Management	3	
International Human Rights Law	Law for International Business and Technology	2	
US Intellectual Property Law Seminar	Law for International Business and Technology	2	
Artificial Intelligence: Law & Policy	Law for International Business and Technology	2	

Real Estate Finance	Finance & Banking	3	
Volatility Derivatives Models	Finance & Banking	3	
Essentials of Mergers & Acquisitions	Corporate Governance & Leadership; Finance & Banking	2	
Modern Finance & Digital Banking	Finance & Banking; IT, Innovation & Entrepreneurship	3	
Empirical International Finance	Finance & Banking; Global Economics and Management	3	
Financial Econometrics	Finance & Banking; Global Economics and Management	3	
Globalization Management (II)	Global Economics and Management; Finance & Banking	3	
Derivatives Market	Finance & Banking	3	
Robust and Stochastic Portfolio Optimization	Finance & Banking	3	
Robust and Stochastic Portfolio Optimization	Finance & Banking	3	
Seminar on Research and Academic Publication in Finance and Technology Management	Finance & Banking; IT, Innovation & Entrepreneurship	3	
Cross-Cultural Creativity and Entrepreneurship	IT, Innovation & Entrepreneurship; Corporate Governance & Leadership	3	
Compensation Management/ Talent Development, Performance Assessment, and Compensation	Corporate Governance & Leadership, IT, Innovation & Entrepreneurship	2	Rename the course from 2021 Fall
The Origins of World Order: Civilizations, Empires and International Systems	Global Economics and Management Corporate Governance & Leadership Law for International Business and Technology	3	
Perspectives in Comparative Political Economy	Global Economics and Management Corporate Governance & Leadership Law for International Business and Technology	3	

Gender and Management	Corporate Governance & Leadership	3	
Entrepreneurship and new venture	Corporate Governance & Leadership, IT, Innovation & Entrepreneurship	3	
Business Ethics & Corporate Social Responsibility	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Business Research Practicum Studio: Learning by Practicing	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
IT Service : Theory and Practice	IT, Innovation, and Entrepreneurship	3	
Quantitative Research Methods in Marketing	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Programming for Business Analytics	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Data Mining: Concepts, Techniques, and Applications	Business Analytics & Data sciences	3	
Electronic Commerce	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Mobile Technology and Applications	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Service in Practice	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Human-Computer Interaction	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Topics on Consumer behaviors and research design	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	1	
Big Data Analytics & Data Mining	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship	3	
Introduction to Artificial Intelligence and Arts	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	

Basics of US Patent Law	Law for International Business and Technology	2	
Research Integrity	Law for International Business and Technology	2	
Seminar on International Law and Global Governance	Law for International Business and Technology	3	
International Law and Global Governance	Global Economics and Management; Law for International Business and Technology	2	
Seminar	Global Economics and Management; Political Economy and Public Sector Management	2	
The Transformation of Global Order in the 21st Century	Global Economics and Management; Political Economy and Public Sector Management	2	
Chinese Development Model in Comparative Perspectives	Global Economics and Management; Political Economy and Public Sector Management	2	
Topics in Development Economics	Global Economics and Management; Political Economy and Public Sector Management	2	
Research Design in Social Inquiry	Global Economics and Management; Political Economy and Public Sector Management	3	
Econometrics(I)	Global Economics and Management	3	
Engineering Economics	Global Economics and Management	3	
Investment	Global Economics and Management; Finance & Banking	3	
Public Finance(I)	Global Economics and Management; Finance & Banking	3	
Seminar in Globalization	Global Economics and Management	3	
Theory of Public Economics(I)	Global Economics and Management	3	

Topics in Empirical International Trade and Investment	Global Economics and Management; Finance & Banking	3	
Topics in International Economics	Global Economics and Management	3	
Family Economics	Global Economics and Management	3	
Computational methods in applied econometrics	Global Economics and Management; Business Analytics & Data sciences	3	
Applied Time Series Econometrics	Global Economics and Management; Business Analytics & Data sciences	3	
International Political Economy	Global Economics and Management	3	
Game Theory	Global Economics and Management	3	
Machine Learning and Econometrics	Global Economics and Management; Business Analytics & Data sciences	3	
Auction Theory and Practice	Global Economics and Management	3	
Public Economics	Global Economics and Management	3	
Topics in Public Economics	Global Economics and Management	3	
Theoretical and applied panel data analysis	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Government and Business	Global Economics and Management; Corporate Governance & Leadership; Law for International Business and Technology	3	
Legal Order in a Globalized World	Global Economics and Management; Law for International Business and Technology	2	
Investment Banking	Finance & Banking, Global Economics and Management; Law for International Business and Technology	3	

Decision Analysis	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Innovation and R&D Management	Global Economics and Management; IT, Innovation & Entrepreneurship	3	
Management for Intellectual Property Rights	Global Economics and Management; Law for International Business and Technology; IT, Innovation & Entrepreneurship	3	
Product and Technology Development Management	Global Economics and Management; IT, Innovation & Entrepreneurship	3	
Production and Operations Management	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Gender and Management: Diversity, Empowerment, and Leadership	Corporate Governance & Leadership	3	
The Origins of World Order: Civilizations, Empires and International Systems	Global Economics and Management; Corporate Governance & Leadership; Law for International Business and Technology	2	TSE
Asian Economic Development in Comparative Perspective	Global Economics and Management; Corporate Governance & Leadership; Law for International Business and Technology	2	TSE
Perspectives in Comparative Political Economy	Global Economics and Management; Corporate Governance & Leadership; Law for International Business and Technology	3	TSE
R&D Management	IT, Innovation & Entrepreneurship; Corporate Governance & Leadership	3	
Customer Centricity Business Strategy	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	2	
Energy Transition and Industrial Development	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Science Technology and Society	IT, Innovation & Entrepreneurship	3	
Science and Technology Policy Studies	Corporate Governance & Leadership, IT, Innovation & Entrepreneurship	3	
Business Data Analytics	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	

E-commerce and Retailing Management	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Globalization, Regional development, and Firm Strategies	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Strategic Management and Competitive Advantage	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Multi-National Corporation Management	Global Economics and Management; Corporate Governance & Leadership	3	
Data Collection and Analysis of Intellectual Property and Innovation	Business Analytics & Data sciences; IT, Innovation & Entrepreneurship; Law for International Business and Technology	3	
Entrepreneurial Opportunity: New Venture Creation	Global Economics and Management; Finance & Banking; IT, Innovation & Entrepreneurship	3	
Entrepreneurship and New Venture Creation	Global Economics and Management; Finance & Banking; IT, Innovation & Entrepreneurship	3	
Private Equity and Venture Capital	Global Economics and Management; Finance & Banking	3	
Digital Transformation-Technology & Management	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Corporate Social Responsibility	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Design for Behavior Change	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Business analytics using data mining	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Business analytics using forecasting	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Business Analytics Using Statistical Modeling	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Service-Oriented Architecture	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	

Knowledge Management	Global Economics and Management; Corporate Governance & Leadership	2	
Digital Innovation and E-commerce	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	
Cross-Cultural Marketing Communication	Global Economics and Management; Corporate Governance & Leadership	3	
Energy Decisions, Markets, and Policies	Corporate Governance & Leadership; Global Economics and Management	3	
Small and Medium Enterprises Management	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	
Marketing Strategies	Global Economics and Management; Corporate Governance & Leadership	3	
Experiments and Causal Inference	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences; Global Economics and Management	3	
Quantitative Methods	Global Economics and Management; Corporate Governance & Leadership; Finance & Banking IT, Innovation & Entrepreneurship; Business Analytics & Data sciences; Political Economy and Public Sector Management	2	TSE
Civilizations and World Order	Political Economy and Public Sector Management, Global Economics and Management	3	TSE
Economic Transition of Socialist Countries and International Competition of Economic Systems	Political Economy and Public Sector Management, Global Economics and Management	2	TSE
Seminar I: Adapting to the Changing Global Political and Economic Order	Political Economy and Public Sector Management, Global Economics and Management	3	TSE
International Relations of East Asia	Political Economy and Public Sector Management, Global Economics and Management	3	TSE
China's Global Political Economy	Political Economy and Public Sector Management, Global Economics and Management	2	TSE
State and Development in Asia: Case study in Postwar Taiwan	Political Economy and Public Sector Management	2	TSE



Regional Integration in Asia	Political Economy and Public Sector Management, Global Economics and Management	2	TSE
Global Political Economy and China	Political Economy and Public Sector Management	2	TSE
Wealth of Nations: Economic Growth Theory and Practice	Political Economy and Public Sector Management, Global Economics and Management	2	TSE
Quantitative Methods I	Political Economy and Public Sector Management, Global Economics and Management	2	TSE
Microeconomic Analysis	Political Economy and Public Sector Management, Global Economics and Management	2	TSE
Seminar	Global Economics and Management; Political Economy and Public Sector Management	2	TSE
Research Methods and Data Analysis	All	3	

IMBA Course Field Table

–Elective Course (Inter-school)

Course	Specializations	Ct.	Remarks
Financial Statement Analysis	Finance & Banking	3	NCU
Financial Statement Analysis and Valuation of Technology	Finance & Banking; IT, Innovation & Entrepreneurship	3	NCU
Green Economy and Human resource management	Global Economics and Management; Corporate Governance & Leadership	3	NCU
Advanced Data Analysis with R	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	NYCU
Cloud Computing and Big Data Analytics	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	NYCU
Information Management	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	NYCU
Introduction to Programing	IT, Innovation & Entrepreneurship; Business Analytics & Data sciences	3	NYCU & NTHU EE
Innovation and Strategy Management of Intellectual Property	Global Economics and Management; IT, Innovation & Entrepreneurship	3	NYCU
Emerging Competitiveness of Asian Market	Global Economics and Management; Corporate Governance	3	NYCU
Global Economic Outlook	Global Economics and Management	3	NCTU
Globalization Seminar	Global Economics and Management; Finance & Banking	1	NYCU
Technology Entrepreneurship	IT, Innovation & Entrepreneurship	3	NYCU



Integrated Marketing communications	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Industry Competition Analysis and Strategy	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Semiconductor Manufacturing Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Seminar on Vision Strategy and Leadership	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Sustainable Transportation Planning	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Network Strategies: Method & Applications	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Operation Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Creativity&Innovation Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Global Supply Chain Management	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Global Technology Strategy	Global Economics and Management; Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Industrial Competition Analysis&Strategy	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Integrated Logistic Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Patent and Innovation Strategy	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship; Law for International Business and Technology	3	NYCU
Cross-Disciplinary innovation	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Customer-Driven Entrepreneurship	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU



Technology Innovation Management Theory and Practice	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Marketing Management	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship	3	NYCU
Global Business Management	Global Economics and Management; Corporate Governance & Leadership	3	NYCU
Globalization Seminar	Global Economics and Management	3	NYCU
Entrepreneurship and Global Business Competition	Global Economics and Management; IT, Corporate Governance & Leadership; Innovation & Entrepreneurship	3	NYCU
Global IP Management and Business law	Global Economics and Management; IT, Innovation & Entrepreneurship; Law for International Business and Technology	3	NYCU
Consumer Psychology	Corporate Governance & Leadership	3	NYCU
Revenue Management	Global Economics and Management; Finance & Banking	3	NYCU
Entrepreneurship and New Product Development	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship; Finance & Banking	3	NYCU
Enterprise growth and M&A	Corporate Governance & Leadership; IT, Innovation & Entrepreneurship; Finance & Banking	3	NYCU



IMBA Course Specialization

#	Specializations	Remarks
1	Global Economics and Management	
2	Corporate Governance & Leadership	
3	Finance & Banking	
4	IT, Innovation & Entrepreneurship	
5	Business Analytics & Data sciences	
6	Law for International Business and Technology	
7	Political Economy and Public Sector Management	