

## 科技管理學院課程地圖

### 大學部

Curriculum Mapping for undergraduate programs (common learning goals):

Learning Goals	Learning Objectives	Corresponding Courses				
		Financial Management	Management	Principles of Economics I	Principles of Economics II	Introductory Study of Law
<b>1. Our graduates will be effective communicators.</b>	1-1 Our students will be equipped with professional writing skills and reading ability.	XX				
	1-2 Our students will demonstrate effective interpersonal communication skills through teamwork.		XX			
<b>2. Our graduates will have logical thinking and analytical skills to examine business situations, identify and analyze business problems, and make proper decisions.</b>	2-1 Our students will learn the fundamental concepts of corporate financial management.	XX				
	2-2 Our students will acquire a theoretical framework of financial management and apply it to real business decisions.	XX				
	2-3 Our students will know the conceptual structure of accounting and acquire basic accounting skills.	XX				
	2-4 Our students will comprehend the basic principles of rational choice.			XX	X	
<b>3. Our graduates will be aware of ethical or legal issues and their implications in decision-making.</b>	3-1 Our students will know the activities/issues that might present ethical challenges associated with law, and will foresee the potential results relevant to such unethical behavior.					XX
	3-2 Our students will identify an ethical problem in a practical situation associated with law and apply an appropriate framework to choose a resolution.					XX
<b>4. Our graduates will have integrated understanding of the principal concepts within the realms of innovation capability and technology management.</b>	4-1 Our students will learn corporate and business strategies that firms use in responding to technological changes.		XX			
	4-2 Our students will identify important issues related to R&D management.		XX			
<b>5. Our graduates will demonstrate a global perspective and an understanding of cultural diversity.</b>	5-1 Our students will apply theoretical and factual knowledge on a particular issue in the global economy.			X	XX	
	5-2 Our students will learn the differences between Western and local financial systems.	XX				
	5-3 Our students will learn how to adapt domestic organizations in a foreign operational setting through case studies.		XX			

Curriculum Mapping for the undergraduate programs (program-specific learning goals):

Learning Goals	Learning Objectives	Corresponding Courses				
		Microeconomics II	Macroeconomics II	Corporate Finance	Derivatives Markets	Topics in Management and Technology
6. Our graduates will understand basic economic theories. (ECON)	6-1 Our students will understand the basic knowledge of behaviors of individual economic agents, such as consumers and firms.	XX				
	6-2 Our students will understand the basic knowledge of aggregate economic phenomena, such as growth and business cycles.		XX			
7. Our graduates will have integrated understanding of the fundamental concepts in areas of corporate finance and derivatives markets. (QF)	7-1 Our students must be able to understand capital structure, dividend policy, and merger and acquisitions.			XX		
	7-2 Our students must be able to understand the forwards, futures, options and swaps contracts.				XX	
8. Our graduates will be able to master interdisciplinary knowledge in technology and management. (DSPMT)	8-1 Our students will be able to integrate the knowledge from interdisciplinary courses.					XX
	8-2 Our students will be able to apply the knowledge from courses to analyze management issues.					XX

碩士班

Curriculum Mapping for master's programs – Economics

Learning Goals	Learning Objectives	Corresponding Courses						
		Reading and Writing in Economics	Microeconomic Analysis I	Macroeconomic Analysis I	Thesis	Econometrics I	Seminar I	Seminar II
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	XX					X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX					X	X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.	X	X	X	XX	X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.	X	X	X	XX	X		
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.	X	X	X	XX	X		
	3-2 Students will demonstrate the abilities to conduct independent research.		X	X	XX	X		
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in conducting research.</b>	4-1 Students will identify and analyze ethical issues facing academic research.	X	X	X	XX	X	X	X
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.	X	X	X	XX	X		
<b>5. Graduates will demonstrate understanding and application of a higher level of knowledge in economics.</b>	5-1 Students will know the contemporary theoretical and empirical issues in economics.		X	XX	X	X	X	X
	5-2 Students will apply economic theories and models to solve economic problems.		XX	X	X	X		

Curriculum Mapping for master's programs – Quantitative Finance

Learning Goals	Learning Objectives	Corresponding Courses						
		Seminar	Thesis	Financial Risk Management	Financial Econometrics	Topics in Corporate Finance	Financial Product Design and Pricing	Financial Statement Analysis
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	XX	X					
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX	X				X	
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.	X	XX			X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.	X	XX		X	X	X	X
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.	XX	XX	X	X		X	X
	3-2 Students will demonstrate the abilities to conduct independent research.	XX	XX	X	X			
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in conducting research.</b>	4-1 Students will identify and analyze ethical issues facing academic research.	X	XX					
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.		X	XX				X
<b>5. Graduates will demonstrate their knowledge and skills in quantitative analysis and making financial decisions.</b>	5-1 Students can demonstrate their skills in quantitative analysis.		X	X	XX		X	
	5-2 Students can make financial decisions or suggestions by applying financial theories.		X	X	X	XX		

Curriculum Mapping for master's programs – Service Science

Learning Goals	Learning Objectives	Corresponding Courses						
		Seminar I	Seminar II	Research Methods	Masters Thesis	Summer Intern	Service Innovation	Introduction to Service Science
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	XX	X	X	X	X	X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX	X	X		X	X	X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.		XX			X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.		XX	X	X		X	
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.			XX	X		X	
	3-2 Students will demonstrate the abilities to conduct independent research.				XX			
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.					XX		
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.					XX	X	
<b>5. Graduates will demonstrate their ability to design and manage service systems.</b>	5-1 Students can demonstrate knowledge in managing service systems.					XX		X
	5-2 Students will be able to design and improve service.					X	XX	X

Curriculum Mapping for master's programs – Technology Management

Learning Goals	Learning Objectives	Corresponding Courses									
		Organizational Behavior	Seminar II	Thesis	Seminar I	R&D Management	Analysis of Technology Industry	Technology Marketing	Innovation and Technology Strategy	Research Methods	Project Management
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	XX	X			X		X	X	X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX				X			X		
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.	X	XX			X		X	X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.	X	XX		X	X	X		X	X	
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.		X	XX			X		X	X	
	3-2 Students will demonstrate the abilities to conduct independent research.	X		XX	X		X			X	
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.	X	X		XX				X		
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.	X			XX						
<b>5. Graduates will demonstrate understanding and application of a higher level of knowledge in technology management.</b>	5-1 Students will identify management issues in technology industries.		X			XX			X	X	
	5-2 Students will develop solutions to management problems relating to the process of research and development.	X			X	XX				X	



Curriculum Mapping for MBA programs – Executive MBA Part 1

Learning Goals	Learning Objectives	Corresponding Courses				
		Advanced Management Accounting	Strategy	Thesis	Marketing Management	Team Building and Leadership
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.		XX		X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.		XX		X	X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.		XX		X	
	2-2 Students will be able to make recommendations for problem solving and decision making.		XX		X	
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.			XX		
	3-2 Students will demonstrate the abilities to conduct independent research.			XX		
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.	XX				
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.	XX				
<b>5. Graduates will demonstrate a global perspective and awareness of cultural diversity.</b>	5-1 Students will identify the role of globalization in the modern economy and its respective impact on trade and monetary policies.		XX		X	
	5-2 Students will incorporate the concepts of cultural diversity in their analyses and decision making to cope with business issues.		XX		X	

Curriculum Mapping for MBA programs – Executive MBA Part 2

Learning Goals	Learning Objectives	Corresponding Courses					
		Advanced Management Economics	Financial Management	Service Science	Innovation and Entrepreneurship	Strategic Human Resource Management	Topics in Technology and Industry
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.				X	X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.				X	X	X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.	X	X	X	X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.	X	X	X	X	X	X
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.			X	X		X
	3-2 Students will demonstrate the abilities to conduct independent research.			X	X		X
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.		X			X	
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.		X			X	
<b>5. Graduates will demonstrate a global perspective and awareness of cultural diversity.</b>	5-1 Students will identify the role of globalization in the modern economy and its respective impact on trade and monetary policies.	X		X			
	5-2 Students will incorporate the concepts of cultural diversity in their analyses and decision making to cope with business issues.	X		X			

Curriculum Mapping for MBA programs – EMBA Shenzhen Part 1

Learning Goals	Learning Objectives	Corresponding Courses							
		Advanced Financial Management	Strategy	Thesis	Marketing Management	Economy and Finance in China	Legal System and Politics in China	Economics 101	Technological Innovation and Management Forum
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.		XX		X				X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.		XX		X				X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.		XX		X		X	X	
	2-2 Students will be able to make recommendations for problem solving and decision making.		XX		X				
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.			XX		X	X		X
	3-2 Students will demonstrate the abilities to conduct independent research.			XX			X		X
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.	XX				X			
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.	XX							
<b>5. Graduates will demonstrate a global perspective and awareness of cultural diversity.</b>	5-1 Students will identify the role of globalization in the modern economy and its respective impact on trade and monetary policies.		XX			X	X	X	
	5-2 Students will incorporate the concepts of cultural diversity in their analyses and decision making to cope with business issues.		XX		X	X	X	X	

Curriculum Mapping for MBA programs – EMBA Shenzhen Part 2

Learning Goals	Learning Objectives	Corresponding Courses						
		Organizational Behavior	Innovation and Entrepreneurship	Financial Statement Analysis	Business Model and Innovation	Corporate Governance	Managerial Economics	Strategic Human Resource Management
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	X	X		X	X		X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	X			X	X		X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.	X				X		
	2-2 Students will be able to make recommendations for problem solving and decision making.	X				X		X
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.		X		X		X	
	3-2 Students will demonstrate the abilities to conduct independent research.		X		X		X	
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.			X		X		X
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.			X		X		X
<b>5. Graduates will demonstrate a global perspective and awareness of cultural diversity.</b>	5-1 Students will identify the role of globalization in the modern economy and its respective impact on trade and monetary policies.						X	
	5-2 Students will incorporate the concepts of cultural diversity in their analyses and decision making to cope with business issues.						X	

Curriculum Mapping for MBA programs – Part-time MBA Part 1

Learning Goals	Learning Objectives	Corresponding Courses				
		Marketing Management	Thesis	Accounting	Innovation and Entrepreneurship	Strategy
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	XX			X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX			X	X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.	XX			X	
	2-2 Students will be able to make recommendations for problem solving and decision making.	XX			X	
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.		XX		X	X
	3-2 Students will demonstrate the abilities to conduct independent research.		XX		X	X
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.			XX		
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.			XX		
<b>5. Graduates will demonstrate the ability to manage innovation and entrepreneurship.</b>	5-1 Students will analyze predicaments and advantages for innovation and entrepreneurship.				XX	
	5-2 Students will incorporate understandings of innovation and entrepreneurship to develop alternative methods that create positive changes.				XX	

Curriculum Mapping for MBA programs – Part-time MBA Part 2

Learning Goals	Learning Objectives	Corresponding Courses					
		Team Building and Leadership	Economics 101	Financial Management	Industrial Analysis	Organizational Behavior	Business Case Analysis
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	X				X	X
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	X				X	X
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.		X	X	X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.		X	X	X	X	X
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.				X		X
	3-2 Students will demonstrate the abilities to conduct independent research.				X		X
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.			X		X	
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.			X		X	
<b>5. Graduates will demonstrate the ability to manage innovation and entrepreneurship.</b>	5-1 Students will analyze predicaments and advantages for innovation and entrepreneurship.				X		
	5-2 Students will incorporate understandings of innovation and entrepreneurship to develop alternative methods that create positive changes.				X		

Curriculum Mapping for MBA programs – Public Policy and Management

Learning Goals	Learning Objectives	Corresponding Courses					
		Introduction to Public Policy	Empirical Research Methods	Thesis	Microeconomic Analysis	Macroeconomic Analysis	Economics 101
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.			XX	X		
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX			X		
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.			XX	X	X	X
	2-2 Students will be able to make recommendations for problem solving and decision making.			XX	X	X	X
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.		X	XX			
	3-2 Students will demonstrate the abilities to conduct independent research.		X	XX			
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.			XX	X	X	X
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.			XX	X	X	X
<b>5. Graduates will demonstrate the ability to analyze and evaluate issues related to public policies or management.</b>	5-1 Students will possess the knowledge of quantitative data and empirical method for public policy evaluation.		XX				
	5-2 Students will provide solutions or suggestions for problems arise from public policy or management.		X	XX	X		

Curriculum Mapping for MBA programs – Finance and Banking

Learning Goals	Learning Objectives	Corresponding Courses							
		Portfolio Management	Corporate Finance	Thesis	Case Studies in Business and Finance	Data Analysis	Introduction to Research Methods	Case Studies: A Law and Finance Perspective	Topics in Financial Cases
<b>1. Graduates will demonstrate their effective communication skills in an organizational environment.</b>	1-1 Students will express ideas clearly and coherently.	XX			X				
	1-2 Students will demonstrate effective interpersonal communication skills in a team setting.	XX			X				
<b>2. Graduates will demonstrate effective analytical and problem solving skills.</b>	2-1 Students will be able to analyze business issues using relevant information.			XX		X			
	2-2 Students will be able to make recommendations for problem solving and decision making.			XX		X			
<b>3. Graduates will demonstrate capabilities of developing research questions and contribution to knowledge.</b>	3-1 Students will identify and use appropriate sources and research methods for their studies.			XX			X		
	3-2 Students will demonstrate the abilities to conduct independent research.			XX			X		
<b>4. Graduates will demonstrate their abilities to identify and evaluate ethical issues in business decisions, probable outcomes, and effects on stakeholders.</b>	4-1 Students will identify and analyze ethical issues facing management problems.		XX					X	
	4-2 Students will formulate an argument about an ethical issue from multiple perspectives.		XX					X	
<b>5. Graduates will be proficient in leveraging financial tools and techniques to assist with their financial decision-making.</b>	5-1 Students will be trained with the skills in implementing strategic and tactical financial plans.		XX						X
	5-2 Students will be trained with the knowledge of appropriate quantitative techniques to identify and evaluate financial problems.		XX						X