

Curriculum

□ Graduate Course

Classification		Subject No.	Subject Name	Lecture:Lab.: Credit (assignment)	Faculty	Semester	Remark
Mandatory General Course	Mandatory	CC010	Special Lecture on Leadership	1:0:0	TBD	Fall	
		CC020	Ethics and Safety I	1AU	TBD	Spring-Fall	
	Choose 1	CC500	Science Writing in English	3:0:3	TBD	Spring-Fall	
		CC510	Introduction to Computer Application	2:3:3	TBD	Spring-Fall	
		CC511	Probability and Statistics	2:3:3	TBD	Spring-Fall	
		CC512	Introduction to Materials and Engineering	3:0:3	TBD	Spring-Fall	
		CC513	Engineering Economy and Cost Analysis	3:0:3	TBD	Fall	
		CC522	Introduction to Instruments	2:3:3	TBD	Fall	
		CC530	Entrepreneurship and Business Strategies	3:0:3	TBD	Fall	
		CC531	Patent Analysis and Invention Disclosure	3:0:3	TBD	Spring	
Mandatory Major Course		ITM501	Introduction to Innovation Management : Theory & Practice	3:0:3	Chang,HJ /Kim,WJ	Spring-Fall	
		ITM502	Entrepreneurship	3:0:3	Lee,MH	Fall	
		ITM503	Managerial Economics	3:0:3	Flynn	Spring	
Elective Course (Research Methodology)		ITM511	Statistical Analysis	3:0:3	Staff	Spring	MSB500
		ITM512	Econometrics	3:0:3	Kim,JH	Fall	
		ITM601	Research Methodologies I	3:0:3	Staff	Fall	MSB601
		ITM701	Advanced Econometrics	3:0:3	Staff	Spring	MSB701
		ITM702	Research Methodologies II	3:0:3	Staff	Fall	MSB702
Elective Course (Technology)		ITM520	Information & Communication Technology Foresight	3:0:3	Ohm,JY	Fall	
		ITM521	IT Applications Foresight	1.5:0:1.5	Ohm,JY	Spring	
		ITM522	Communications Network Foresight	1.5:0:1.5	Ohm,JY	Spring	
		ITM525	Bio-Medical Technology Foresight	3:0:3	Kim,YH	Spring	
		ITM526	Bio Technology Foresight	1.5:0:1.5	Staff	Spring	
		ITM527	Medical Technology Foresight	1.5:0:1.5	Staff	Spring	
		ITM530	Energy, Environment, Water, and Sustainability Technology Foresight	3:0:3	Chang,HJ	Fall	
		ITM531	Nano-Convergence Technology Business Foresight (NTB)	3:0:3	Jeon,SG	Fall	
		ITM532	Environment Technology Foresight	1.5:0:1.5	Staff	Spring-Fall	
		ITM533	NANO Technology Foresight	1.5:0:1.5	Staff	Spring-Fall	
		ITM534	Convergence Technology Foresight	1.5:0:1.5	Staff	Spring-Fall	
Elective Course (Management)		ITM504	Financial and Managerial Accounting	3:0:3	Lee,JS	Spring	
		ITM505	Marketing Management	3:0:3	Kim,MG	Fall	
		ITM540	Strategy for Innovative Business	3:0:3	Ohm,JY	Fall	

Classification	Subject No.	Subject Name	Lecture:Lab.: Credit (assignment)	Faculty	Semester	Remark
	ITM550	Finance for Technology Executive	3:0:3	Flynn	Fall	
	ITM560	Leadership for Innovative Organization	3:0:3	Lee,SJ	Spring	
	ITM570	Process and Operations Management	3:0:3	Yang,TY	Spring	
	ITM580	Survey of Intellectual Property and Business Law	3:0:3	Yun,YS	Fall	
Elective Course (Integration)	ITM610	Formation and Implementation of Entrepreneurial Ventures	3:0:3	Lee,MH	Fall	
	ITM700	Technology Management Practice	0:9:3	Staff	Spring-Fall	
Elective Course (Advanced)	ITM561	Negotiation and Communication	3:0:3	Bae,IT	Spring	
	ITM611	Corporate Entrepreneurship and Innovation	3:0:3	Staff	Spring	
	ITM620	Technology Commercialization Practice	3:0:3	Song,LK	Spring	
	ITM621	R&D Planning and TRM	3:0:3	Kim,KS	Spring	
	ITM622	Value Innovation – theory and practice	3:0:3	Sung,KJ	Fall	
	ITM630	Asia Innovation Model and Policy	3:0:3	Chang,HJ	Spring	
	ITM631	Open Innovation Strategy	3:0:3	Lee,JS	Spring	
	ITM632	Public R&D and Evidence-based Policy	3:0:3	Kim,KS	Fall	
	ITM633	The Knowledge Industry	3:0:3	Yun,TS	Spring	
	ITM634	Innovation Ecosystem	3:0:3	Koo,BJ	Spring	
	ITM635	Entrepreneurial Law	3:0:3	Yun,YS	Spring	
	ITM636	Service Innovation in Industries	3:0:3	Yun,TS	Fall	
	ITM637	Territorial Perspective on Innovation System	3:0:3	Lee,TG	Fall	
	ITM638	Policy Studies for Innovation	3:0:3	Koo,BJ	Fall	
	ITM640	Integrated Perspective of New Product Development	3:0:3	Staff	Fall	
	ITM650	Integrated Perspective of Merger and Acquisition	3:0:3	Staff	Fall	
	ITM660	Strategic Management of High-Tech Innovation	3:0:3	Kim,WJ	Fall	
	ITM661	Corporate Strategic New Product Development	3:0:3	Kim,WJ	Fall	
	ITM662	Architecture Innovation and Monozukuri	3:0:3	Kim,KS	Fall	
	ITM663	Hightech Industry Policy	3:0:3	Lee,JS	Spring	
	ITM664	Industry Value Chain and Company Development	3:0:3	Kim,KS	Spring-Fall	
	ITM665	License Agreement	3:0:3	Yun,YS	Spring	
	ITM666	Advanced Innovation Seminar	3:0:3	Jang,HJ	Spring	
	ITM667	M&A and Corporate Restructuring	3:0:3	Yun,YS	Fall	
	ITM668	Qualitative Research Methodology in Innovation Study	3:0:3	Lee,TK	Fall	
	ITM669	Informaiton & Communication	3:0:3	Ohm,JY	Spring	

Classification	Subject No.	Subject Name	Lecture:Lab.: Credit (assignment)	Faculty	Semester	Remark
		Technology Foresight				
	ITM670	Bio-Medical Technology Foresight	3:0:3	Staff	Spring	
	ITM671	Energy, Environment, Water and Sustainability Technology Foresight	3:0:3	Jang,HJ	Fall	
	ITM672	Nano-Convergence Technology Business Foresight (NTB)	3:0:3	Jeon,SJ	Fall	
	ITM800	Special Topics(3) in Management of Technology	3:0:3	Staff	Spring-Fall	
	ITM801	Special Topics(1) in Management of Technology	1:0:1	Staff	Spring-Fall	
	ITM802	Special Topics(2) in Management of Technology	2:0:2	Staff	Spring-Fall	
	ITM803	Special Topics(3)in M&A and Law	3:0:3	Yun,YS	Fall	
	ITM804	Special Topics(3)in Research Methodology	3:0:3	Staff	Fall	
	ITM805	Special Topics(3)in Entrepreneurship	3:0:3	Staff	Fall	
	ITM806	Special Topics(3) in Strategy & Marketing	3:0:3	Staff	Spring-Fall	
	ITM807	Special Topics(3) in Commercialization	3:0:3	Staff	Spring	
	ITM808	Special Topics(3) in Finance	3:0:3	Staff	Spring	
	ITM809	Special Topics(3) in Law & Policy	3:0:3	Staff	Spring	
	ITM810	Special Topics(3) in Integrated I&TM	3:0:3	Staff	Spring-Fall	
Resesrach	ITM960	M.S. Thesis Research	-	Staff	Spring-Fall	
	ITM965	Individual/ Group Study in M.S.	-	Staff	Spring-Fall	
	ITM980	Ph.D. Dissertation Research	-	Staff	Spring-Fall	
	ITM985	Individual/ Group Study in Ph.D.	-	Staff	Spring-Fall	
	ITM991	Internship Program I	0:6:1	Staff	-	
	ITM993	Internship Program II	0:18:3	Staff	-	
	ITM995	International Internship	0:18:3	Staff	-	