

## ○ List of Courses (2020)

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note	
General Course Mandatory	ITM501	81.501	Innovation Management	3:0:3	Fall		
	ITM502	81.502	Entrepreneurship	3:0:3	Spring		
Elective	Research Methodology	ITM511	81.511	Advanced Statistics for Management	3:0:3	Spring	
		ITM512	81.512	Data Analysis with Open Software	3:0:3	Fall	◎
		ITM601	81.601	Research Methodology in Business and Technology Management	3:0:3	Fall	
		ITM701	81.701	Advanced Econometrics	3:0:3	Spring	
		ITM702	81.702	Research MethodologiesII	3:0:3	Spring	
	Technology Management	ITM503	81.503	Managerial Economics for Technology Management	3:0:3	Spring	
		ITM504	81.504	Finance and Accounting for Technology Management	3:0:3	Fall	
		ITM505	81.505	Marketing for Hi-tech company	3:0:3	Fall	
		ITM520	81.520	Information & Communication Technology Foresight	3:0:3	Fall	
		ITM521	81.521	IT Applications Foresight	1.5:0:1.5	Spring	
		ITM522	81.522	Communications Network Foresight	1.5:0:1.5	Spring	
		ITM525	81.525	Bio-Medical Technology Foresight	3:0:3	Spring	
		ITM526	81.526	Bio Technology Foresight	1.5:0:1.5	Spring	
		ITM530	81.530	Energy, Environment, Water, and Sustainability Technology Foresight	3:0:3	Spring	
		ITM531	81.531	Nano-Convergence Technology Business Foresight(NTB)	3:0:3	Fall	

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	ITM532	81.532	Environment Technology Foresight	1.5:0:1.5	Spring/Fall	
	ITM533	81.533	NANO Technology Foresight	1.5:0:1.5	Spring/Fall	
	ITM534	81.534	Convergence Technology Foresight	1.5:0:1.5	Spring/Fall	
	ITM550	81.550	Technology Management and Corporate Finance	3:0:3	Spring	
	ITM561	81.561	Negotiation and Communication	3:0:3	Spring	
	ITM565	81.565	License Agreement	3:0:3	Spring	©
	ITM567	81.567	M&A and Corporate Restructuring	3:0:3	Fall	©
	ITM570	81.570	Process and Operations Management	3:0:3	Spring	
	ITM580	81.580	Survey of Intellectual Property and Business Law	3:0:3	Fall	©
	ITM610	81.610	Formation and Implementation of Entrepreneurial Ventures	3:0:3	Fall	
	ITM620	81.620	Technology commercialization Practice	3:0:3	Spring	
	ITM621	81.621	R&D Planning and TRM	3:0:3	Fall	
	ITM635	81.635	Entrepreneurial law	3:0:3	Spring	
	ITM671	81.671	Energy, Environment, Water and Sustainability Technology Foresight	3:0:3	Fall	
	ITM672	81.672	Nano-Convergence Technology Business Foresight(NTB)	3:0:3	Fall	
	ITM812	81.812	Special Topics on High-technology	3:0:3	Spring/Fall	

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
Innovation and Strategy	ITM540	81.540	Strategy for Innovative Business	3:0:3	Fall	
	ITM560	81.560	Leadership for Innovative Organization	3:0:3	Spring	
	ITM622	81.622	Value Innovation – theory and practice	3:0:3	Fall	
	ITM630	81.630	Asia Innovation Model & Policy	3:0:3	Spring	
	ITM631	81.631	Open Innovation Strategy	3:0:3	Spring	
	ITM633	81.633	The Knowledge Industry	3:0:3	Spring	
	ITM634	81.634	Innovation Ecosystem	3:0:3	Fall	
	ITM636	81.636	Service innovation in Industries	3:0:3	Fall	
	ITM637	81.637	Territorial perspective on Innovation System	3:0:3	Fall	
	ITM638	81.638	Policy Studies for Innovation	3:0:3	Spring	
	ITM640	81.640	Integrated Perspective of New Product Development	3:0:3	Fall	
	ITM660	81.660	Strategic Management of High-Tech Innovation	3:0:3	Fall	
	ITM661	81.661	Corporate Strategic New Product Development	3:0:3	Fall	
	ITM662	81.662	Architecture Innovation and Monozukuri	3:0:3	Fall	
	ITM664	81.664	Industry Value Chain and Company Development	3:0:3	Spring	
	ITM666	81.666	Advanced Innovation Seminar	3:0:3	Spring	
ITM668	81.668	Qualitative Research Methodology in Innovation Study	3:0:3	Fall		

Classification		Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
		ITM700	81.700	Technology Commercialization Design and Customer Development	0:9:3	Fall	
		ITM800	81.800	Special Topics(3) in Innovation and strategy	3:0:3	Spring/Fall	
		ITM801	81.801	Special Topics(1) in Innovation and strategy	1:0:1	Spring/Fall	
		ITM802	81.802	Special Topics(2) in Innovation and strategy	2:0:2	Spring/Fall	
		ITM805	81.805	Special Topics(3) on Entrepreneurship	3:0:3	Fall	
		ITM806	81.806	Special Topics(3) on Strategy & Marketing	3:0:3	Spring	
		ITM807	81.807	Special Topics(3) on Commercialization	3:0:3	Spring	
연구		ITM960	81.960	M.S. Thesis Research		Spring/Fall	
		ITM965	81.965	Individual/Group Study in M.S		Spring/Fall	
		ITM980	81.980	Ph.D. Dissertation Research		Spring/Fall	
		ITM985	81.985	Individual/Group Study in Ph.D)		Spring/Fall	
		ITM991	81.991	Internship Program I	0:6:1	Summer/Winter	
		ITM993	81.993	Internship Program II	0:18:3	Spring/Fall	
		ITM995	81.995	International Internship	0:18:3	Spring/Fall	

□: Prerequisite

◎: Course mutually recognized by undergraduate and graduate programs

※Course classification, course title, and mutual recognition of credits may differ according to the effective year of the requirements.

## Substitute Course List

Substitute courses in the department					
Category	Courses currently offered		Courses not currently offered		
	Course no.	Course title	Course no.	Course title	Remark
Postgraduate Course	ITM504	Finance and Accounting for Technology Management	ITM504	Finance and Accounting	
	ITM560	Leadership for Innovative Organization	ITM560	Leadership for Innovative Organization	
	ITM630	Asia Innovation Model & Policy	ITM630	Cluster Innovation Cases and Practice	
	ITM565	License Agreement	ITM665	License Agreement	
	ITM567	M&A and Corporate Restructuring	ITM667	M&A and Corporate Restructuring	

Substitute courses offered by other departments					
Category	Courses offered by the department		Courses offered by other departments		
	Course no.	Course name	Course no.	Course name	Remark
Postgraduate Course	ITM511	Advanced Statistics for Management	MSB500	Advanced Statistics for Management	
	ITM505	Marketing for Hi-tech company	MSB536	Marketing Management	
	ITM550	Technology Management and Corporate Finance	MSB535	Corporate Finance Theory	
	ITM601	Research Methodology in Business and Technology Management	MSB601	Research Methodology in Business and Technology Management	
	ITM701	Advanced Econometrics	MSB701	Advanced Econometrics	
	ITM702	Research Methodologies II	MSB702	Research Methodologies II	

※Substitute courses may differ according to the effective year of the requirements.