

SUPSI 雙聯學制計畫合作領域專業對照表

對照說明：

1. 表格內標示 X 者表示學生可申請進修範圍。
2. 有意進修之學生，可由左方 Master Research Units 及 research area 對照右方 X 可修讀部份向上方查詢，即可得出研究領域及主修學科，碩士學位證書將列明主修學科(Discipline)
3. 以表中紅色 X 為例，該生的研究領域為 Intelligent Systems - Optimization, Simulation and Decision Support Systems，主修學科為 Information and Communication 項下之 Software Engineering and Software Technology。其學位證書將列明為 Master of Science in Engineering with major in Information and Communication.

Master of Science in Engineering		Discipline	Business Engineering & Production			Energy and Environment			Industrial Technologies(and Manufacturing)				Information and Communication		
			BEP			EE			InT				ICT		
			Specialist Area	Business Process Management	Operations Management and Analytics	Supply Network Management	Energy Engineering	Process Engineering	Environmental Technology	Product Development and Production Technology	Material Technology	Mechatronics and Automation	Embedded Systems and Microelectronics	Communication and Information Systems	Software Engineering and Software Technology
Master Research Units	research area														
Intelligent Systems	Optimization, Simulation and Decision Support Systems												X	X	
	Machine Learning and Artificial Neural Networks													X	
	Uncertain Reasoning and Data Mining												X	X	
	Cognitive and Mobile Robotics												X	X	
Advanced Networking and Future Internet	Internet of Things in a smart world											X	X		
	Sensor networking and mobile phone sensing											X			
	Web of data and semantic processing												X	X	
	Distributed computing: Anything as a service												X		
Precision Systems and Telecom	RF microwave sensors and communication systems								X						
	Secure embedded systems design												X		
	Precision and miniaturized systems											X			
Design of Advanced Materials, Products and Automation Systems	Virtual Prototyping												X		
	Advanced Materials												X		
	Design of Products and Processes												X		
	Automation Systems												X		
Technologies for manufacturing, environment and life-science	Precision Manufacturing												X		
	Sustainable Production Systems		X	X	X								X		
	Bio & Environmental Technologies					X	X	X					X		