

上海交通大学研究生课程开设申请表

New Graduate Course Application Form, SJTU

Basic Information				
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Extended Information				

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	Q&P Q-P-T	2	
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	SMA	2	
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Chapter	Content	hour	Format
Introduction	Brief introduction of solid-state phase transformation and application	2	Classroom Lecture
thermodynamics	Thermodynamics and interfaces	2	Classroom Lecture
	Diffusion and interface	2	Classroom Lecture
Phase transition kinetics	Diffusional transition	2	Classroom Lecture
	Diffusionless transition	2	Classroom Lecture
Crystallography of phase transformation	Crystallographic model of martensitic transformation	2	Classroom Lecture
	Nucleation and microstructure of martensite	2	Classroom Lecture
Microstructure control of high strength steel	Ultrafine ferritic steel	2	Classroom Lecture
	Super nano bainitic steel	2	Classroom Lecture
	Tempering of	2	Classroom

