

# 교과목 일람표

## ▣ 석·박사과정

과목구분	과목번호	전산 코드	교 과 목 명	강·실·학 (숙제)	개설학기	비고	
공통 필수	필수	CC010	11.010	Special Lecture on Leadership	1:0:0	가을	
		CC020	11.020	Ethics and Safety I	1AU	봄·가을	
	택1	CC500	11.500	Scientific Writing	3:0:3(4)	봄·가을	
		CC510	11.510	Introduction to Computer Application	2:3:3(10)	봄·가을	
		CC511	11.511	Probability and Statistics	2:3:3(6)	봄·가을	
		CC512	11.512	Introduction to Materials Science and Engineering	3:0:3(3)	봄·가을	
		CC513	11.513	Engineering Economy and Cost Analysis	3:0:3(6)	가을	
		CC522	11.522	Introduction to Instruments	2:3:3(8)	가을	
		CC530	11.530	Entrepreneurship and Business Strategies	3:0:3(3)	가을	
		CC531	11.531	Patent Analysis and Invention Disclosure	3:0:3(3)	봄·가을	
CC532	11.532	Collaborative System Design and Engineering	4:0:4	봄			
전공 선택	CBE552	39.552	Materials Engineering of Polymers	3:0:3(3)	봄·가을		
	CBE556	39.556	Structure and Properties of Macromolecules	3:0:3(3)	봄		
	CBE554	39.554	Polymer Physics	3:0:3(3)	가을		
	CBE651	39.651	Multicomponent Polymer materials	3:0:3(1)	가을		
	CBE533	39.533	Fundamentals of Microstructured Fluid Flow	3:0:3(4)	봄·가을		
	CBE551	39.551	Polymer Rheology	3:0:3(3)	봄·가을		
	CBE555	39.555	Biopolymer	3:0:3(3)	가을		
	CBE573	39.573	Fuel Cell Processes and Materials	3:0:3(3)	가을		
	CBE652	39.652	Polymer Characterization	3:0:3(3)	가을		
	CBE653	39.653	Mechanical Properties of Polymer	3:0:3(4)	봄·가을		
	CBE682	39.682	Organic Nano-structured Materials	3:0:3(3)	가을		
	CBE731	39.731	Polymer Fluid Dynamics	3:0:3(3)	봄·가을		
	CBE851	39.851	Special Topics in Polymer Engineering	3:0:3(3)	봄·가을		
	CBE525	39.525	Molecular Electronics	3:0:3(3)	봄/가을		
	CBE623	39.623	Thin Film Nanotechnology	3:0:3(3)	가을		
	CBE683	39.683	Electroactive Polymeric Materials and Devices	3:0:3(3)	봄/가을		
	PSE501	71.501	Polymer Materials	3:0:3(3)	봄		
	PSE711	71.711	Special Topics in Polymer Materials I	3:0:3(3)	봄/가을		
	PSE712	71.712	Special Topics in Polymer Materials II	3:0:3(3)	봄/가을		
	CH671	23.671	Organic Chemistry of High Polymers	3:0:3(3)	봄,가을		
	CH521	23.521	Advanced Organic Chemistry	3:0:3(3)	봄		
	CH522	23.522	Organic Synthesis I	3:0:3(3)	봄		
	CH542	23.542	Organometallic Chemistry	3:0:3(3)	가을		
	CH672	23.672	Specialty Polymer Chemistry	3:0:3(3)	봄,가을		
	CH673	23.673	Polymer Physical Chemistry	3:0:3(3)	봄,가을		
	CH674	23.674	Organic Electronic Materials	3:0:3(3)	봄,가을		
	CH675	23.675	Introduction to Lithography	3:0:3(3)	봄,가을		
	CH773	23.773	Special Topics in Polymer Chemistry I	3:0:3(3)	봄,가을		
	CH774	23.774	Special Topics in Polymer Chemistry II	3:0:3(3)	봄,가을		
	MS544	34.544	Engineering of Soft Materials	3:0:3.0	봄		

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	MS545	34.545	Healthcare Materials	3:0:3.0	가을	
	MS591	34.591	Emerging nanofabrication technology	3:0:3.0	가을	
	MS642	34.642	Electronic Packaging Technology	3:0:3.0	봄	
	MS670	34.670	Sol-gel Nano Materials and Process	3:0:3.0	봄	*MAE633
	MS673	34.673	Photochemical Materials	3:0:3.0	봄	
	NST557	69.557	Introduction to Soft Nanomaterials	3:0:3.0	가을	
	NST562	69.562	Introduction to NanoPolymer Science	3:0:3.0	봄	
	NST564	69.564	Special Topics in Block Polymers	3:0:3.0	가을	
연구	PSE960	71.960	M.S. Thesis Research		봄,가을	
	PSE966	71.966	Seminar(M.S.)		봄,가을	
	PSE980	71.980	Ph.D. Thesis Research		봄,가을	
	PSE986	71.986	Seminar(Ph.D.)		봄,가을	

※ \*는 대체 과목임

※ 500단위 교과목은 학사대학원 상호인정 교과목임