

2018YEAR GRADUATE CURRICULUM

■ Department of Organic Material Science and Engineering

Classification	Subject Number	Subject	Credits
Major	TE60420	고분자물리화학 (Physical Chemistry of Macromolecules)	3-3-0
	TE60623	관리공학특론 (Advanced Textile Statistics)	3-3-0
	TE62888	논문연구 (Thesis Research)	3-3-0
	TE70256	유기소재합성특론 (Advanced Organic material Synthesis)	3-3-0
	TE70257	유기소재공정해석 (Organic Material Processing Analysis)	3-3-0
	TE70258	유기소재시스템물리특론 (Advanced Organic Material System Physics)	3-3-0
	TE70261	섬유공정특론 (Advanced Fiber Process)	3-3-0
	TE70264	공업역학특론 (Advanced Engineering Mechanics)	3-3-0
	TE70267	고분자블렌드 (Polymer Blends)	3-3-0
	TE70268	기능성유기재료특론 (Advanced Functional Organic Material)	3-3-0
	TE70269	유기소재개질특론 (Advanced Organic Material Modification)	3-3-0
	TE70270	유기소재반응론 (Reactions of Organic material)	3-3-0
	TE70271	유기신소재분자설계 (Molecular Design of New Organic material)	3-3-0
	TE70274	유기소재착색특론 (Advanced Organic Material Coloring)	3-3-0
	TE70410	섬유집합체특론 (Advanced Fiber Assembly)	3-3-0
	TE70560	유기소재시스템해석특론 (Advanced Organic Material System Analysis)	3-3-0
	TE74004	유기나노구조특론 (Advanced Organic Nanostructures)	3-3-0
	TE74005	응집물질물리 (Condensed Matter Physics)	3-3-0
	TE74006	연성물질공학특론 (Advanced Soft Matter Science and Engineering)	3-3-0
	TE74008	전산소재공학특론 (Advanced Computational Materials Science and Engineering)	3-3-0
	TE74009	유기에너지소재특론 (Advanced Organic Energy Materials)	3-3-0
	TE74010	유기소재형성공학특론 (Advanced Processing of Organic material)	3-3-0
	TE74277	레올로지특론 (Advanced Rheology)	3-3-0
	TE74278	바이오레올로지특론 (Advanced Biorheology)	3-3-0
	TE74593	유기바이오소재특론 (Advanced Organic Biomaterials)	3-3-0
	TE74594	유기나노융합기술(중개연구방법론) (Organic Nano-Convergence Technology(Translational Research))	3-3-0
	TE74595	나노바이오공학특론 (Advanced Nanobiotechnology)	3-3-0
	TE74596	기능성바이오소재특론 (Advanced Functional Biomaterials)	3-3-0
	TE74597	유기전자재료특론 (Advanced Organic Electronic Materials)	3-3-0
	TE74598	스마트텍스타일특론 (Advanced Smart Textile)	3-3-0
	TE74599	나노섬유공학특론 (Advanced Nanofibers Science and Engineering)	3-3-0
	TE74600	가공학특론 (Advanced organic material finishing)	3-3-0
	TE74601	광기능소재특론 (Advanced photo-functional materials)	3-3-0

■ Table of Number of Required Credits

Area and Program		Courses	Thesis Research	Required Credits
Dept. of Organic Material Science and Engineering	Master's	18	6	24
	Doctorate	27	9	36
	Combined Master's and Doctorate	48	12	60