

Required Credits for graduation for Doctorate course and Integrated Course

학과	박사과정			석·박사통합과정		
	전공	연구	계	전공	연구	계
Mechanical Engineering	36	9	45	54	9	63
Industrial Engineering	36	9	45	54	9	63
Chemical Engineering	30	15	45	48	15	63
Material Engineering	30	15	45	51	12	63
Environmental Engineering	30	15	45	48	15	63
Civil Systems Engineering	30	15	45	48	15	63
Transportation Engineering	30	15	45	48	15	63
Architecture	30	15	45	54	9	63
Architectural Engineering	30	15	45	54	9	63
Systems Engineering	30	15	45	48	15	63
Urban Development	30	15	45	54	9	63
Smart Convergence Architecture	30	15	45	48	15	63
Electrical and Computer Engineering	30	15	45	48	15	63
Intelligence Semiconductor Engineering	30	15	45	48	15	63
Computer Engineering	30	15	45	48	15	63
Cyber Security	30	15	45	48	15	63
Artificial Intelligence	30	15	45	48	15	63
Military Digital Convergence	30	15	45	48	15	63
Digital Media	30	15	45	48	15	63
Mathematics	30	15	45	48	15	63
Physics	30	15	45	48	15	63
Chemistry	30	15	45	48	15	63
Biological Science	30	15	45	48	15	63
Business Administration	36	9	45	54	9	63
Business Analytics and Information Systems	36	9	45	54	9	63
Global Management	36	9	45	54	9	63
Korean Language and Literature	36	9	45	54	9	63
English Language and Literature	33	12	45	54	9	63
French Language and Literature	36	9	45	54	9	63
Culture and Contents	36	9	45	54	9	63
Economics	36	9	45	54	9	63
Psychology	36	9	45	54	9	63
Applied Social Science	30	15	45	54	9	63
Political Science and Diplomacy	30	15	45	54	9	63
Public Administration	30	15	45	54	9	63
Law	36	9	45	54	9	63
Medical Sciences	36	9	45	54	9	63
Biomedical Sciences	36	9	45	54	9	63
Nursing Sciences	33	12	45	51	12	63
Pharmacy	30	15	45	48	15	63
Energy Systems Research	30	15	45	48	15	63
Molecular Science and Technology	30	15	45	48	15	63
Education	33	12	45	-	-	-
Financial Engineering	36	9	45	54	9	63
Department of D.N.A. Convergence	30	15	45	48	15	63
Space Electronics and Information Engineering*	30	15	45	48	15	63
Applied Bio Technology*	30	15	45	48	15	63
Artificial Intelligence Convergence Network*	30	15	45	48	15	63
Systems Biomedical Informatics*	30	15	45	48	15	63
Life Media*	36	9	45	54	9	63
Science Technology Policy*	36	9	45	54	9	63
Digital Humanities&Convergence	36	9	45	54	9	63