

List of Courses offered in English for Spring 2025(Graduate)

Undergraduate exchange students can take up to 19 credits from the undergraduate courses and students should consider each prerequisite course written in the 'Note' section when they register for their courses.

※ Please check the e-class / notice / Ajou emails / Ajou Bb for updates from the professors

In case students have enough knowledge to take graduate courses, they can take up to 6 credits of graduate (master) courses but should go through prior approval of each professor. Instructions will be emailed to you.

Please note that seats in each courses are limited and the course registration is processed on a **first-come first served basis**. Since the course registration is highly competitive, your preferred courses are not guaranteed. Also, please make sure that the classes you are choosing should not be overlapped with other courses, so please refer the course timetable. After the course registration, students will have a chance to

★ Course Registration: 2.19.(Wed.) 10:00 ~ 2.20.(Thu.) 16:00 *Korean Time

※ The course registration for the Graduate School will be processed independently after the 24th of February . Also, please make sure that the classes you are choosing should not be overlapped with other undergraduate courses.

★ Course Change: 3.4.(Tue.) ~ 3.10.(Mon.)

★ Course Withdrawal: 3.27.(Thu.) ~ 3.31.(Mon.)

[Graduate Courses]

No	College	Major	Course Name(ENG)	Course Name(KOR)	Credits	Hours	Class No.	Professor	Course Code	Seats	Pre-requisite Courses	Course Schedule	Note
1	Graduate School	Industrial Engineering	Service Science	서비스사이언스	3	3	1	김민준	O0106	3	IE Big Data Analysis, Quality Engineering	TUE 5.5(Paldal Hall 1001) TUE 6.5(Paldal Hall 1001) TUE 7.5(Paldal Hall 1001) TUE 8.5(Paldal Hall 1001)	
2	Graduate School	Chemical Engineering	Advanced Rheology	유변학특론	3	3	1	김주민(Ju Min Kim)	O0161	3	Fluid Mechanics	TUE 10(Paldal Hall 1001) TUE 11(Paldal Hall 1001) TUE 12(Paldal Hall 1001)	Only students who have completed Fluid Mechanics as a prerequisite may enroll
3	Graduate School	Industrial Engineering	Smart Logistics	스마트물류	3	3	1	신영철(Youngchul Shin)	O0196	5	Advanced Optimization	THU 5.5(Paldal Hall 1001) THU 6.5(Paldal Hall 1001) THU 7.5(Paldal Hall 1001) THU 8.5(Paldal Hall 1001)	
4	Graduate School	Industrial Engineering	Advanced Reliability Engineering	고등신뢰성공학	3	3	1	정준하(Jung, Joon Ha)	O0197	3	Probability and Statistics, Design of Experiments, Quality Engineering, Reliability Engineering	MON 10.5(Paldal Hall 110) MON 11.5(Paldal Hall 110) MON 12.5(Paldal Hall 110)	
5	Graduate School	Mechanical Engineering	Finite Element Method	유한요소법	3	3	1	이재영(Lee Jae Young)	O0283	5	Solid Mechanics, Engineering Mathematics, Numerical Analysis	TUE B(East Building 331) THU B(East Building 331)(East Building 331)	
6	Graduate School	Mechanical Engineering	Advanced Thermal Management	열관리특론	3	3	1	전용석(Yongseok Jeon)	O0291	5	Thermodynamics, Heat Transfer	TUE 7(East Building 331) TUE 8(East Building 331) TUE 9(East Building 331)	Not open to students from other departments.
7	Graduate School	OB/HRM	Research in organizational theory	조직이론연구	3	3	1	정대홍(Dae Yong Jeong)	O0514	7		MON 11(Dasan Hall 505) MON 12(Dasan Hall 505) MON 13(Dasan Hall 505)	
8	Graduate School	Operations Management	Operation Research	O.R.	3	3	1	김진혁(Jinhak Kim)	O0515	25		WED 11(Dasan Hall 110) WED 12(Dasan Hall 110) WED 13(Dasan Hall 110)	
9	Graduate School	Mathematics	Partial Differential Equations I	편미분방정식 I	3	3	1	김준하(Junha Kim)	O0542	2	Mathematics 1, Mathematics 2, Differential Equations, Introduction to Analysis 1	WED B(Paldal Hall 621) FRI B(Paldal Hall 621)(Paldal Hall 621)	
10	Graduate School	Mathematics	Seminar in Algebra I	대수학세미나 I	3	3	1	이정인(Lee Jungin)	O0543	2	Modern Algebra 1, 2	MON F(Paldal Hall 621) FRI E(Paldal Hall 621)(Paldal Hall 621)	
11	Graduate School	Mathematics	Applied Statistics	응용통계	3	3	1	권순선(Kwon Soon-sun)	O0544	2	Probability and Statistics 1&2, Mathematical Statistics	MON D(Paldal Hall 621) THU D(Paldal Hall 621)(Paldal Hall 621)	
12	Graduate School	Data Science	Computer Programming for Data Processing	데이터처리언어	3	3	1	안수현(Ahn Soohyun)	O0546	2	Probability and Statistics	TUE C(Paldal Hall 621) FRI C(Paldal Hall 621)(Paldal Hall 621)	
13	Graduate School	Biological Science	Advanced Biochemistry	고급생화학	3	3	1	이창환(Lee, Changhan)	O0568	1		SAT 1(Woncheon Hall 242) SAT 2(Woncheon Hall 242) SAT 3(Woncheon Hall 242)	
14	Graduate School	Electrical Engineering	ECE Seminar 1	전자공학세미나 I	2	2	1	정소이(Jung Soyi)	O0573	5		THU 15:00~16:30 (Woncheon Hall 535)(Woncheon Hall 535)	
15	Graduate School	Computer Engineering	Computational Biology	전산생물학	3	3	1	김소연(So Yeon Kim)	O0744	10		TUE D(Paldal Hall 407) THU C(Paldal Hall 407)(Paldal Hall 407)	
16	Graduate School	Computer Engineering	Advanced Artificial Intelligence	고급인공지능	3	3	1	유종빈(Jongbin Ryu)	O0746	5		FRI 7(Paldal Hall 407) FRI 8(Paldal Hall 407) FRI 9(Paldal Hall 407)	
17	Graduate School	Computer Engineering	Advanced Algorithm	고급알고리즘	3	3	1	조다정(Da-Jung Cho)	O0747	5		MON F(Paldal Hall 407) THU F(Paldal Hall 407)(Paldal Hall 407)	
18	Graduate School	Civil Engineering	Stochastic Hydrology	추계확률수문학	3	3	1	이재웅(Yi, Jaeung)	O0880	3		TUE 2(Paldal Hall 1001) TUE 3(Paldal Hall 1001) TUE 4(Paldal Hall 1001)	
19	Graduate School	Civil Engineering	Structural Vibrations	구조진동론	3	3	1	김태용(Taeyong Kim)	O0883	5		MON 10(Paldal Hall 310) MON 11(Paldal Hall 310) MON 12(Paldal Hall 310)	
20	Graduate School	Artificial Intelligence	Natural Language Processing	자연어처리	3	3	1	조현석(Hyunsouk Cho)	O0965	20		WED D(Paldal Hall 407) FRI D(Paldal Hall 407)(Paldal Hall 407)	
21	Graduate School	AI Convergence Network	Standard Technologies for Next-Generation Communications	차세대통신표준기술	3	3	1	임근우(Lim Keun Woo)	O1053	7		WED 8.5(Paldal Hall 1025) WED 9.5(Paldal Hall 1025) WED 10.5(Paldal Hall 1025)	Online Lecture
22	Graduate School	Intelligence Semiconductor Engineering	Compound Semiconductor Devices	화합물반도체소자	3	3	1	허준석(Junseok Heo)	O1161	5	Semiconductor Engineering 1&2, Semiconductor Process Technology	MON 13:30~15:00 (Woncheon Hall 509) WED 13:30~15:00 (Woncheon Hall 509)	
23	Graduate School	Intelligence Semiconductor Engineering	Nano/Micro Device Fabrication	나노및마이크로소자제작	3	3	1	이기근(Lee, Kee Keun)	O1191	5		MON B(Woncheon Hall 243) THU B(Woncheon Hall 243)(Woncheon Hall 243)	
24	Graduate School	Digital Media	Industry-Educational Project I	산학협동 I	3	3	1	Teemu H. Laine(Teemu H. Laine)	O1233	2		WED A(Industry-University Cooperation Building 422-1) WED B(Industry-University Cooperation Building 422-1)(Industry-University Cooperation Building 422-1)	
25	Graduate School	Financial Engineering	Options & Futures	선물옵션	3	3	1	배형욱(Hyeong-Ohk Bae)	O0838	10		MON E(Dasan Hall 406) WED E(Dasan Hall 406)(Dasan Hall 406)	
26	Graduate School	Financial Engineering	Applied machine learning	응용머신러닝	3	3	1	김현균(Hyun-Gyoon Kim)	O0837	5		THU 7(Dasan Hall 406) THU 8(Dasan Hall 406) THU 9(Dasan Hall 406)	