

## List of Courses offered in English for Fall 2023(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 change their courses right after the semester starts.

Course Registration: 8.17.(Thurs.) ~ 8.18.(Fri.)

Course Change: 9.1.(Fri.) ~ 9.7.(Thurs.)

Course Withdrawal: 9.25.(Mon.) ~ 9.27.(Wed.)

\* M.DD.

### [Graduate Courses]

No	Major(KOR)	Major(ENG)	Course Name(KOR)	Course Name(ENG)	Professor	Code	Course Schedule(ENG)	Credits	Seats	Prerequisite course	Note
1	건축공학전공	Architectural Engineering	건축 BIM 특론	Building Information Management in Construction	차희성(Cha, Hee Sung)		Thurs 7(Industry-University Cooperation Building 827) Thurs 8(Industry-University Cooperation Building 827) Thurs 9(Industry-University Cooperation Building 827)(Industry-University Cooperation Building 827)	3	5		
2	건축학전공	Architecture	로봇릭스 응용 건축	Robotics applications in architecture	이황(HWANG YI)		Wed 6(Industry-University Cooperation Building 827) Wed 7(Industry-University Cooperation Building 827) Wed 8(Industry-University Cooperation Building 827)(Industry-University Cooperation Building 827)	3	5		
3	금융공학전공	Financial Engineering	확률미적분	Stochastic Calculus	배형욱(Hyeong-Ohk Bae)		Mon 11(Dasan Hall 110) Mon 12(Dasan Hall 110) Mon 13(Dasan Hall 110)(Dasan Hall 110)	3	10		
4	금융공학전공	Financial Engineering	계량재무학1	Financial Econometrics1	유재인(Yoo, Jae-in)		Thurs 11(Dasan Hall 110) Thurs 12(Dasan Hall 110) Thurs 13(Dasan Hall 110)(Dasan Hall 110)	3	5		
5	금융공학전공	Financial Engineering	파생상품론	financial derivatives	김현균(Hyun-Gyoon Kim)		Wed 11(Dasan Hall 110) Wed 12(Dasan Hall 110) Wed 13(Dasan Hall 110)(Dasan Hall 110)	3	5		
6	데이터사이언스전공	Data Science	데이터 처리 언어	Computer Programming for Data Processing	안수현(Ahn Soohyun)	MATH582	Mon E(Paldal Hall 311) Wed E(Paldal Hall 311)(Paldal Hall 311)	3	1	O	Completed at least 2 among Probability and Statistics, Regression Analysis, and Multivariate Analysis
7	산업공학전공	Industrial Engineering	고등SCM	Advanced Supply Chain Management	신영철(Youngchul Shin)		Tue 10.5(Paldal Hall 307) Tue 11.5(Paldal Hall 307) Tue 12.5(Paldal Hall 307)(Paldal Hall 307)	3	5		
8	산업공학전공	Industrial Engineering	고등품질공학	Advanced Quality Engineering	정준하(Jung, Joon Ha)		Mon 10.5(Paldal Hall 110) Mon 11.5(Paldal Hall 110) Mon 12.5(Paldal Hall 110)(Paldal Hall 110)	3	5		
9	생명과학전공	Biological Science	세미나II	Seminar II	이창환(Lee, Changhan)	BIO697	Thurs 9(Woncheon Hall 242)(Woncheon Hall 242)	1	1		
10	수학전공	Mathematics	이론 통계	Theory of Statistics	권순선(Kwon Soon-sun )	MATH653	Wed D(Paldal Hall 621) Fri D(Paldal Hall 621)(Paldal Hall 621)	3	2		
11	수학전공	Mathematics	대수학특강	Topics in Algebra	박형주(Hyungju Park)	MATH715	Tue B(Paldal Hall 621) Thurs A(Paldal Hall 621)(Paldal Hall 621)	3	5	O	Algebra
12	신소재공학전공	Materials Science and Engineering	재료물리특론	Physic of solids	조성범(Sung Beom Cho)		Wed 4(Paldal Hall 1001) Wed 5(Paldal Hall 1001) Wed 6(Paldal Hall 1001)(Paldal Hall 1001)	3	5		
13	심리학전공	Psychology	고급발달심리학 이론과 실제	Advanced Developmental Psychology Theories and Pract	박정수(jeongsoo-Park )		Wed 2(Yulgok Hall 357) Wed 3(Yulgok Hall 357) Wed 4(Yulgok Hall 357)	3	5		
14	양자정보에너지과학전공	Quantum Information Science	양자물질과 양자정보	Quantum materials and quantum information	임준원(Jun Won Rhim)			3	5	O	Quantum mechanics, Solid state physics
15	에너지전공(공)	Energy	Energy & Climate Modeling I	Energy & Climate Modeling I	전승호(Seungho Jeon)		Mon 1(Energy Center 109) Mon 2(Energy Center 109) Mon 3(Energy Center 109)(Energy Center 109)	3	10		Tutorial Lecture

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16	응용물리전공(이)	Applied Physics	에너지소재 및 소자	Energy materials and devices	서형탁(HYUNG TAK SEO)		Mon 10(Paldal Hall 207) Mon 11(Paldal Hall 207) Mon 12(Paldal Hall 207)(Paldal Hall 207)	3	3		Tutorial Lecture
17	인공지능전공	Artificial Intelligence	인공지능-데이터처리언어	Computer Programming for AI&Data Processing	()		Wed B(Paldal Hall 407) Fri B(Paldal Hall 407)(Paldal Hall 407)	3	10		
18	인공지능전공	Artificial Intelligence	강화학습이론및응용	Theory and Applications of Reinforcement Learning	Deng Yafeng(Deng Yafeng)		Mon F(Paldal Hall 407) Thurs F(Paldal Hall 407)(Paldal Hall 407)	3	6	O	Calculus, Probability Theory (Optional)
19	인공지능전공	Artificial Intelligence	인공지능컴퓨터시스템	Computer Systems for Artificial Intelligence	김상훈(Sang-Hoon Kim)		Tue F(Paldal Hall 407) Thurs E(Paldal Hall 407)(Paldal Hall 407)	3	2		
20	인공지능전공	Artificial Intelligence	기계학습특론1	Advanced Topics in Machine Learning 1	김소연(So Yeon Kim)		Mon D(Paldal Hall 407) Thurs D(Paldal Hall 407)(Paldal Hall 407)	3	10		
21	인사조직전공	OB/HRM	노사관계연구	Research in industrial relations	정대용(Dae Yong Jeong)		Mon 11(Dasan Hall 505) Mon 12(Dasan Hall 505) Mon 13(Dasan Hall 505)(Dasan Hall 505)	3	5		
22	통/번역전공	Interpretation and Translation	영상번역	Audio visual Translation	이세련(Seryun Lee)	20160364	Fri 6(Dasan Hall 110) Fri 7(Dasan Hall 110) Fri 8(Dasan Hall 110)(Dasan Hall 110)	3	5		Limited to Graduate Students
23	통/번역전공	Interpretation and Translation	번역학특강2	Current Issues in Translation Studies2	강지혜(Ji-Hae Kang)	20160365	Wed 5.5(Dasan Hall 505) Wed 6.5(Dasan Hall 505) Wed 7.5(Dasan Hall 505)(Dasan Hall 505)	3	5		
24	화학공학전공	Chemical Engineering	무기재료공학특론	Advanced Inorganic Materials Science & Engineering	김창구(Chang-Koo Kim)		Tue 2(Paldal Hall 308) Tue 3(Paldal Hall 308) Tue 4(Paldal Hall 308)(Paldal Hall 308)	3	NO LIMIT	O	Physical Chemistry, Thermodynamics, Reaction Engineering
25		Energy	신재생에너지세미나 II	Seminar for Renewable Energy Studies II	조성범(Sung Beom Cho)		Wed 9(Energy Center 101) Wed 10(Energy Center 101)(Energy Center 101)	2	10		
27	컴퓨터공학전공	Computer Engineering	고급컴퓨터그래픽스	Advanced Computer Graphics	유리(Ri Yu)		Tue D(Paldal Hall 407) Thurs C(Paldal Hall 407)(Paldal Hall 407)	3	2		
28	컴퓨터공학전공	Computer Engineering	고급데이터베이스	Advanced Database	정태선(Tae-Sun Chung)		Wed F(Paldal Hall 407) Fri F(Paldal Hall 407)(Paldal Hall 407)	3	5		
30	시융합네트워크전공	AI Convergence Network	컴퓨터통신특강1	Special Topics I in Computer Communications	ALI JEHAD(ALI JEHAD)		Mon B(Paldal Hall 407) Thurs B(Paldal Hall 407)(Paldal Hall 407)	3	10		
31	시융합네트워크전공	AI Convergence Network	6G산학협력특론	Special Topics on 6G Industry	()		Wed 11(Paldal Hall 407) Wed 12(Paldal Hall 407) Wed 13(Paldal Hall 407)(Paldal Hall 407)	3	TBA		
32	시융합네트워크전공	AI Convergence Network	시통신네트워크	AI Communications and Networks	ALI JEHAD(ALI JEHAD)		Tue F(Paldal Hall 1025) Thurs E(Paldal Hall 1025)(Paldal Hall 1025)	3	10		