

List of Courses offered in English for Spring 2022(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. 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, and specific instructions will be emailed to you. Please note that seats in each course are limited and the course registration is

※ Please check the e-class / notice / Ajou emails for updates from the professor.
 ※ Please check Ajou Bb for announcements from the professors regarding the teaching method.

[Graduate Courses]

| No | College | Major(KOR) | Major(ENG) | Course Name(KOR) | Course Name(ENG) | Professor | Course Schedule(KOR) | Course Schedule(ENG) | Credits | Seats | Note |
|----|---------|-------------|--------------------------------|------------------|------------------------------------------------------|-------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1 | 일반대학원 | 건축학전공 | Architecture | 로보틱스 응용 건축 | Robotics Applied Architecture | 이황(HWANG Yi) | 수10(산332-1) 수11(산332-1) 수12(산332-1)(산332-1) | Wed 10(Industry-University Cooperation Building 332-1) Wed 11(Industry-University Cooperation Building 332-1) Wed 12(Industry-University Cooperation Building 332-1)(Industry-University Cooperation Building 332-1) | 3 | 0 | |
| 2 | 일반대학원 | 건축공학전공 | Architectural Engineering | 건설정보관리론 | Information Management in Construction Projects | 차희성(Cha, Hee Sung) | 화10(산827) 화11(산827) 화12(산827)(산827) | Tue 10(Industry-University Cooperation Building 827) Tue 11(Industry-University Cooperation Building 827) Tue 12(Industry-University Cooperation Building 827)(Industry-University Cooperation Building 827) | 3 | 0 | |
| 3 | 일반대학원 | 수학전공 | Mathematics | 응용산업수학세미나 | Seminar in Applied and Industrial Mathematics | 최수영(Suyoung Choi) | 월F(말621) 목F(말621)(말621) | Mon F(Paldal Hall 621) Thu F(Paldal Hall 621) | 3 | 0 | |
| 4 | 일반대학원 | 수학전공 | Mathematics | 통계자료분석 | Statistical Data Analysis I | 안수현(Ahn Soohyun) | 화F(말621) 목E(말621)(말621) | Tue F(Paldal Hall 621) Thu E(Paldal Hall 621)(Paldal Hall 621) | 3 | 1 | This course is for the students who have already taken Probability and Statistics 1 |
| 5 | 일반대학원 | 수학전공 | Mathematics | 그래프 이론 및 응용 | Graph theory with applications | 박보람(Park, Boram) | 수B(말621) 금B(말621)(말621) | Wed B(Paldal Hall 621) Fri B(Paldal Hall 621)(Paldal Hall 621) | 3 | 0 | |
| 6 | 일반대학원 | 생명과학전공 | Biological Science | 분자세포학연구방법론 | Experimental Molecular and Cellular Biology | 허지연(Ji Yeun Hur) | 수8(원242) 수9(원242) 수10(원242)(원242) | Wed 8(Woncheon Hall 242) Wed 9(Woncheon Hall 242) Wed 10(Woncheon Hall 242)(Woncheon Hall 242) | 3 | 0 | |
| 7 | 일반대학원 | 생명과학전공 | Biological Science | 단백질체학 | Protein Biology | 빈범호(Bin Bum-Ho) | 화8(원242) 화9(원242) 화10(원242)(원242) | Tue 8(Woncheon Hall 242) Tue 9(Woncheon Hall 242) Tue 10(Woncheon Hall 242)(Woncheon Hall 242) | 3 | 0 | |
| 8 | 일반대학원 | 인사조직전공 | OB/HRM | 노사관계세미나 | Seminar in Labor Relations | 정대용 (Jeong Dae yong) | 화11(다505) 화12(다505) 화13(다505) | Tue 11(Dasan Hall 505) Tue 12(Dasan Hall 505) Tue 13(Dasan Hall 505) | 3 | 5 | - |
| 9 | 일반대학원 | 비즈니스애널리틱스전공 | Business Analytics | 경영정보통계분석 | Statistical Methods for MIS research | 강민형 (Kang Min hyung) | 월11(다308) 월12(다308) 월13(다308) | Mon 11(Dasan Hall 308) Mon 12(Dasan Hall 308) Mon 13(Dasan Hall 308) | 3 | No limit | - |
| 10 | 일반대학원 | 비즈니스애널리틱스전공 | Business Analytics | IT경영특정과정강론 | Special Topics in IT management | 서희호 (Seo Eui ho) | 화11(다110) 화12(다110) 화13(다110) | Tue 11(Dasan Hall 110) Tue 12(Dasan Hall 110) Tue 13(Dasan Hall 110) | 3 | No limit | - |
| 11 | 일반대학원 | 화학공학전공 | Chemical Engineering | 화공수학특론 | Advanced Chemical Engineering Mathematics | 신치범(Chee Burm Shin) | 월11(서302) 월12(서302) 월13(서302)(서302) | Mon 11(West Hall 302) Mon 12(West Hall 302) Mon 13(West Hall 302)(West Hall 302) | 3 | 5 | |
| 12 | 일반대학원 | 화학공학전공 | Chemical Engineering | 연성재료공학특론 | Advanced Soft Matter Engineering | 심태섭(Tae Soup Shim) | 금7(서302) 금8(서302) 금9(서302)(서302) | Fri 7(West Hall 302) Fri 8(West Hall 302) Fri 9(West Hall 302)(West Hall 302) | 3 | 3 | |
| 13 | 일반대학원 | 화학공학전공 | Chemical Engineering | 반응공학특론 | Advanced Chemical Reaction Engineering | 박은덕(PARK, EUN DUCK) | 화10(서302) 화11(서302) 화12(서302)(서302) | Tue 10(West Hall 302) Tue 11(West Hall 302) Tue 12(West Hall 302)(West Hall 302) | 3 | 2 | |
| 14 | 일반대학원 | 화학공학전공 | Chemical Engineering | 무기재료공학특론 | Advanced Inorganic Materials Science & Engineering | 김창구(Chang-Koo Kim) | 화2(서302) 화3(서302) 화4(서302)(서302) | Tue 2(West Hall 302) Tue 3(West Hall 302) Tue 4(West Hall 302)(West Hall 302) | 3 | 5 | This course is for the students who have already taken Physical chemistry, Reaction Engineering, and Introduction to Translation. |
| 15 | 일반대학원 | 통/번역전공 | Interpretation and Translation | 번역과 문화 | Translation and Culture | 최성희() | 금2(다505) 금3(다505) 금4(다505)(다505) | Fri 2(Dasan Hall 505) Fri 3(Dasan Hall 505) Fri 4(Dasan Hall 505)(Dasan Hall 505) | 3 | 2 | This course is for the students who have already taken Introduction to Translation. |
| 16 | 일반대학원 | 통/번역전공 | Interpretation and Translation | 번역학 세미나 | Translation Studies Seminar | 강지혜(Ji-Hae Kang) | 화6(다505) 화7(다505) 화8(다505)(다505) | Tue 6(Dasan Hall 505) Tue 7(Dasan Hall 505) Tue 8(Dasan Hall 505)(Dasan Hall 505) | 3 | 5 | Only for graduate school students |
| 17 | 일반대학원 | 통/번역전공 | Interpretation and Translation | 통번역학연구방법론 | Translation and Interpretation Research Methodology | 홍정욱(Jung Wook HONG) | 목5(다B112) 목6(다B112) 목7(다B112)(다B112) | Thu 5(Dasan Hall B112) Thu 6(Dasan Hall B112) Thu 7(Dasan Hall B112)(Dasan Hall B112) | 3 | 2 | Only for graduate school students |
| 18 | 일반대학원 | 통/번역전공 | Interpretation and Translation | 통번역을 위한 영어숙달 | Language proficiency in translation and interpreting | 강지혜(Ji-Hae Kang) | 월2.5(다505) 월3.5(다505) 월4.5(다505)(다505) | Mon 2.5(Dasan Hall 505) Mon 3.5(Dasan Hall 505) Mon 4.5(Dasan Hall 505)(Dasan Hall 505) | 3 | 5 | Only for graduate school students |

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|----|-------|-----------|----------------------------------------|-----------------------------|-------------------------------------------------------------------|----------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------|---|----------------|--------------------------------------------------------------------------|
| 19 | 일반대학원 | 융용화학전공(이) | Applied Chemistry | 에너지변환및저장특론 | Energy Conversion and Storage | 곽원진(WONJIN KWAK) | 수5.5(원243) 수6.5(원243) 수7.5(원243)(원243) | Wed 5.5(Woncheon Hall 243) Wed 6.5(Woncheon Hall 243) Wed 7.5(Woncheon Hall 243)(Woncheon Hall 243) | 3 | 0 | |
| 20 | 일반대학원 | 에너지전공(공) | Energy | 에너지시스템개론 | Introduction to Energy Systems | 김수덕(Kim, Suduk) | 화7(전101) 화8(전101) 화9(전101)(전101) | Tue 7(Energy Center 101) Tue 8(Energy Center 101) Tue 9(Energy Center 101)(Energy Center 101) | 3 | No limit | |
| 21 | 일반대학원 | 에너지전공(공) | Energy | Energy & Climate Modeling I | Energy & Climate Modeling I | 전승호(Seungho Jeon) | 월1(전109) 월2(전109) 월3(전109)(전109) | Mon 1(Energy Center 109) Mon 2(Energy Center 109) Mon 3(Energy Center 109)(Energy Center 109) | 3 | 0 | |
| 22 | 일반대학원 | 에너지시스템전공 | Energy Systems | 에너지유기화학 | Energy Organic Chemistry | 김환명(Kim, Hwan Myung) | 화1(원242) 화2(원242) 화3(원242)(원242) | Tue 1(Woncheon Hall 242) Tue 2(Woncheon Hall 242)(Woncheon Hall 242) | 3 | 0 | |
| 23 | 일반대학원 | 에너지시스템전공 | Energy Systems | 에너지변환공학 | Energy Conversion Technologies | 유성주(Sungju Yu) | 월7(전101) 월8(전101) 월9(전101)(전101) | Mon 7(Energy Center 101) Mon 8(Energy Center 101) Mon 9(Energy Center 101)(Energy Center 101) | 3 | 0 | |
| 24 | 일반대학원 | 에너지전공(경제) | Energy | 에너지경제학 | Energy Economics | 김수덕(Kim, Suduk) | 화1(전101) 화2(전101) 화3(전101)(전101) | Tue 1(Energy Center 101) Tue 2(Energy Center 101) Tue 3(Energy Center 101)(Energy Center 101) | 3 | No limit | |
| 25 | 일반대학원 | 에너지재료공학전공 | Energy Materials Science & Engineering | 고에너지효율 인공지능 소자개론 | Physical Foundations of Energy-efficient Neuromorphic Electronics | KUMARMOHIT(Mohit Kumar) | 금9(팔735) 금10(팔735) 금11(팔735)(팔735) | Fri 9(Paldal Hall 735) Fri 10(Paldal Hall 735) Fri 11(Paldal Hall 735)(Paldal Hall 735) | 3 | 0 | |
| 26 | 일반대학원 | 에너지재료공학전공 | Energy Materials Science & Engineering | 재료분석학 | Advanced Characterization of Materials | 류학기(Yu Hak Ki) | 목4(팔735) 목5(팔735) 목6(팔735)(팔735) | Thu 4(Paldal Hall 735) Thu 5(Paldal Hall 735) Thu 6(Paldal Hall 735)(Paldal Hall 735) | 3 | 10 | Physics |
| 27 | 일반대학원 | 에너지재료공학전공 | Energy Materials Science & Engineering | 태양전지개론 | Introduction to Solar Cell Technology | 서호성(Hosung Seo) | 목8.5(전101) 목9.5(전101) 목10.5(전101)(전101) | Thu 8.5(Energy Center 101) Thu 9.5(Energy Center 101) Thu 10.5(Energy Center 101)(Energy Center 101) | 3 | 0 | |
| 28 | 일반대학원 | 공통 | Common | 에너지 신사업 개론 | New business models in energy | 권재원(KWON, CHAI WON) | 수1(전101) 수2(전101) 수3(전101)(전101) | Wed 1(Energy Center 101) Wed 2(Energy Center 101) Wed 3(Energy Center 101)(Energy Center 101) | 3 | 0 | |
| 29 | 일반대학원 | 공통 | Common | 신재생에너지세미나 II | | 황종국(Hwang Jongkook) | 수9(전101) 수10(전101)(전101) | Wed 9(Energy Center 101) Wed 10(Energy Center 101)(Energy Center 101) | 3 | 0 | |
| 30 | 일반대학원 | 인공지능전공 | Artificial Intelligence | 자연어처리 | Natural Language Processing | 조현석(Hyunsouk Cho) | 화C(팔407) 금C(팔407)(팔407) | Tue C(Paldal Hall 407) Fri C(Paldal Hall 407)(Paldal Hall 407) | 3 | No limit | |
| 31 | 일반대학원 | 인공지능전공 | Artificial Intelligence | 강화학습이론및응용 | Theory and Applications of Reinforcement Learning | Deng Yafeng(Deng Yafeng) | 월F(팔407) 목F(팔407)(팔407) | Mon F(Paldal Hall 407) Thu F(Paldal Hall 407)(Paldal Hall 407) | 3 | 5 | |
| 32 | 일반대학원 | 인공지능전공 | Artificial Intelligence | 기계학습특론1 | Advanced Topics in Machine Learning 1 | 김소연(So Yeon Kim) | 수D(팔407) 금D(팔407)(팔407) | Wed D(Paldal Hall 407) Fri D(Paldal Hall 407)(Paldal Hall 407) | 3 | 3 | |
| 33 | 일반대학원 | 기계공학전공 | Mechanical Engineering | 자동제어 특론 | Advanced Automatic Control | 이수목(SOOMOK LEE) | 화E(동331) 목E(동331)(동331) | Tue E(East Hall331) Thu E(East Hall331)(East Hall331) | 3 | 0 | |
| 34 | 일반대학원 | 컴퓨터공학전공 | Computer Engineering | 클라우드컴퓨팅 | Cloud Computing | 오상윤(Sangyoon Oh) | 월E(팔407) 수E(팔407)(팔407) | Mon E(Paldal Hall 407) Wed E(Paldal Hall 407)(Paldal Hall 407) | 3 | 0 | |
| 35 | 일반대학원 | 컴퓨터공학전공 | Computer Engineering | 고급알고리즘 | Advanced Algorithm | 조다정(Da-Jung Cho) | 화E(팔407) 금E(팔407)(팔407) | Tue E(Paldal Hall 407) Fri E(Paldal Hall 407)(Paldal Hall 407) | 3 | 5 | |
| 36 | 일반대학원 | 컴퓨터공학전공 | Computer Engineering | 고급데이터베이스 | Advanced Database | 정태선(Tae-Sun Chung) | 수B(팔407) 금B(팔407)(팔407) | Wed B(Paldal Hall 407) Fri B(Paldal Hall 407)(Paldal Hall 407) | 3 | 10 | |
| 37 | 일반대학원 | 컴퓨터공학전공 | Computer Engineering | 고급기계학습 | Advanced machine learning | 손경아(Kyung-Ah Sohn) | 월C(팔407) 수C(팔407)(팔407) | Mon C(Paldal Hall 407) Wed C(Paldal Hall 407)(Paldal Hall 407) | 3 | 0 | |
| 38 | 일반대학원 | 컴퓨터공학전공 | Computer Engineering | 컴퓨터통신특강1 | Special Topics I in Computer Communications | Paul Rajib(PAUL RAJIB) | 화C(팔1025) 금C(팔1025)(팔1025) | Tue C(Paldal Hall 1025) Fri C(Paldal Hall 1025)(Paldal Hall 1025) | 3 | 10 | |
| 39 | 일반대학원 | 인공지능전공 | Artificial Intelligence | 자연어처리 | Natural Language Processing | 조현석(Hyunsouk Cho) | 화C(팔407) 금C(팔407)(팔407) | Tue C(Paldal Hall 407) Fri C(Paldal Hall 407)(Paldal Hall 407) | 3 | | |
| 40 | 일반대학원 | 인공지능전공 | Artificial Intelligence | 강화학습이론및응용 | Theory and Applications of Reinforcement Learning | Deng Yafeng(Deng Yafeng) | 월F(팔407) 목F(팔407)(팔407) | Mon F(Paldal Hall 407) Thu F(Paldal Hall 407)(Paldal Hall 407) | 3 | | |
| 41 | 일반대학원 | 인공지능전공 | Artificial Intelligence | 기계학습특론1 | Advanced Topics in Machine Learning 1 | 김소연(So Yeon Kim) | 수D(팔407) 금D(팔407)(팔407) | Wed D(Paldal Hall 407) Fri D(Paldal Hall 407)(Paldal Hall 407) | 3 | | |
| 42 | 일반대학원 | 시용합네트워크전공 | AI Convergence Network | 차세대통신표준기술 | Standard Technologies for Next-Generation Communications | 0 | 0 | 0 | 3 | 0 | |
| 43 | 일반대학원 | 시용합네트워크전공 | AI Convergence Network | IoT특강 | Special Topic on IoT | 고영배(Ko, Young-Bae) | 화8.5(팔407) 화9.5(팔407) 화10.5(팔407)(팔407) | Tue 8.5(Paldal Hall 407) Tue 9.5(Paldal Hall 407) Tue 10.5(Paldal Hall 407)(Paldal Hall 407) | 3 | 0 | |
| 44 | 일반대학원 | 시용합네트워크전공 | AI Convergence Network | 6G산학협력특론 | Special Topics on 6G Industry | 윤하영(Hayoung Yoon) | 토1(팔1001) 토2(팔1001) 토3(팔1001)(팔1001) | Sat 1(Paldal Hall 1001) Sat 2(Paldal Hall 1001) Sat 3(Paldal Hall 1001)(Paldal Hall 1001) | 3 | After approval | |
| 45 | 일반대학원 | 전자공학전공 | Electrical Engineering | 통신특론1 | Advanced Topics in Communications 1 | 신원재(Wonjae Shin) | 월B(원243) 목B(원243)(원243) | Mon B(Woncheon Hall 243) Thu B(Woncheon Hall 243)(Woncheon Hall 243) | 3 | 2 | This course is for the students who have already taken Linear Algebra 1. |
| 46 | 일반대학원 | 전자공학전공 | Electrical Engineering | 컴퓨터비전 | Computer Vision | 허용석(Yong Seok Heo) | 월C(원243) 수C(원243)(원243) | Mon C(Woncheon Hall 243) Wed C(Woncheon Hall 243)(Woncheon Hall 243) | 3 | 0 | |
| 47 | 일반대학원 | 전자공학전공 | Electrical Engineering | 제어공학특론1 | Advanced Topics in Control Engineering 1 | Ibrahim Mohd Ali Alsifyani | 월B(원242) 목B(원242) | Mon B(Woncheon Hall 242) Thu B(Woncheon Hall 242) | 3 | 15 | |