Notice of Comprehensive Exam for Fall Semester 2024

Please note that details related to the Comprehensive Exam may be subject to change until you receive the confirmation message after applying. Be sure to regularly check for any updates to avoid any potential disadvantages

1. Exam Qualification & Acceptance criteria

Program	credits	GPA	Number of passed subjects	Passing score
Master's degree	acquired 12 or more	3.0 or highe	3	· A score of 70 out of 100 per subject · If a subject is failed, it must be retaken in a subsequent semester to meet graduation requirements · Subjects already passed are exempt from exams and do not count towards the number of subjects to be take for each semester.
Doctoral degree	acquired 21 or more	3.0 or highe	4	
Integrated Master and Ph.D. degree	acquired 30 or more	3.0 or highe	4	

※ Only major subjects are counted as necessary credits. (Research Guidance, prerequisite or advisor designated courses are not counted)

※ Regardless of language exam result, students can take the comprehensive exam.

2. Application Period and Method

A. Period: September 9(Mon.) ~ 11(Wed.)

B. Online application: KUPID 〉 Registration&Graduation 〉 Application/Verification for exams 〉 Application for Comprehensive Exam

※ After applying online, be sure to check your application details and print out the confirmation for your records.

3. Time of Written Test

A. Department of Computer Science and Engineering

: Between 9/19~9/27, with detailed dates to be announced later.

B. Department of Brain and Cognitive Engineering

: 9/25(Wed.) 18:00 ~ 19:40(Regardless of the subject, the exam will be 100 minutes long.)

C. Department of Artificial Intelligence

: 9/25(Wed.) 18:00 ~ 19:40(Regardless of the subject, the exam will be 100 minutes long.)

4. Exam type and Subjects

Department of Computer Science and Engineering	·Exam type : Written Test ·Master's Program : Select 3 subjects from the list below ·Doctoral Program and Integrated Master's/Doctoral Program : Select 4 subjects from the list below ·Exam Subjects : ADVANCED SOFTWARE ENGINEERING(AAA511), ADVANCED DATABASES(AAA512), ADVANCED OPERATING SYSTEMS(AAA513), ADVANCED COMPUTER ARCHITECTURE(AAA514), ADVANCED DATA STRUCTURE(AAA516), DESIGN AND ANALYSIS OF ALGORITHMS(AAA519), COMPUTER GRAPHICS(AAA520), INTRODUCTION TO INFORMATION SECURITY(AAA522), COMPUTER NETWORK(AAA523), ELECTROMAGNETIC FIELD THEORY(AAA597), ADVANCED HCI(AAA627), ACTIVE MICROWAVE CIRCUITS(AAA727), ADVANCED ELECTROMAGNETICS(AAA729), WIRELESS COMMUNICATIONS ENGINEERING(AAA730), ANTENNA ENGINEERING(AAA731), ADVANCED COMPUTER PROGRAMMING(IGC503/AAA521)　　Total 16 Subjects.

Department of Artificial Intelligence	(1) Master's Program 　·Exam type : Written Test or Oral Test 　·Select 3 subjects from the list below (2) Doctoral Program and Integrated Master's/Doctoral Program 　·Exam type : Written Test 　·Select 4 subjects from the list below (3)Exam Subjects

Basic Mathematics Area (Choose one of the following)	PROBABILITY AND STATISTICS(XAI502), LINEAR ALGEBRA(XAI504), CALCULUS(XAI505)
Major Required Area (Select 1 subject)	MACHINE LEARNING(XAI501)
Major Elective Area (Choose one of the following)	DEEP LEARNIG(XAI506), COMPUTER VISION(XAI507), NATURAL LANGUAGE PROCESSING(XAI508), AUTOMATIC SPEECH RECOGNITION(XAI509), BIG DATA ANALYSIS(XAI510), NEURAL NETWORKS(XAI511)

Department of Brain and Cognitive Engineering	·Exam type : Written Test ·Master's Program : Select 3 subjects from the list below ·Doctoral Program and Integrated Master's/Doctoral Program : Select 4 subjects from the list below ·Exam Subjects : INTRODUCTION TO BRAIN IMAGING ENGINEERING(BRI501), INTRODUCTION TO COGNITIVE BRAIN SCIENCE(BRI502), INTRODUCTION TO BRAIN-COMPUTER INTERFACE(BRI503), INTRODUCTION TO BRAIN AND COGNITIVE ENGINEERING(BRI504), INTRODUCTION TO MACHINE LEARNING(BRI507), INTRODUCTION TO BRAIN SIGNAL PROCESSING(BRI509), PROBABILITY AND STATISTICS FOR BRAIN AND COGNITIVE ENGINEERING(BRI510), NEUROSCIENCE(BRI511), UNDERSTANDING THE HUMAN BRAIN(BRI512), INTRODUCTION TO APPLIED MATHS(BRI515), INTRODUCTION TO NEURAL NETWORKS(BRI516), INTRODUCTION TO BRAINWAVE ANALYSIS(BRI517)　　Total 12 Subjects.

5. Important Notes
  A. When applying for comprehensive exam subjects, you can include subjects that you have not yet completed.
  B. If applying for comprehensive exams for subjects you haven't taken, you won't see the subjects listed. Therefore, select 'Other (100000)' and manually enter the course number and subject name in the remarks section (required).
  C. For the Master's program, you can apply for 3 subjects. For the Doctoral and Integrated Master's/Doctoral programs, apply according to the 4-subject limit (over-application will be deleted).
  D. Subjects already passed are exempt from further exams and are considered passed.
  E. Starting from the second semester of the 2024 academic year, previously passed subjects will not count towards the number of subjects that can be registered for each semester. (For example, if an integrated Master's/Doctoral student has already passed 2 comprehensive exam subjects, they can only apply for 2 subjects in the comprehensive exam for the second semester of 2024.)

6. Announcement of Successful Applicants
  A. Applicants who pass the comprehensive exam will be announced at PM 2:00 on October 11(Fri.).
  B. Check the results of the test on the KUPID.