

## Special Selection for International Students (Conducted in August every year)

### The type of student we seek

The department seeks individuals who have great motivation and background to pursue in drug pharmaceutical research as well as the basic knowledge of pharmaceutical sciences and practical English skills.

### Changes

1. As a qualification for application, Applicants must have the official score of TOEFL or TOEIC Listening & Reading taken within two years of the examination date.

English ability equivalent to or higher than the scores shown below.

Reference Point            TOEFL-iBT: 52  
    TOEIC Listening & Reading: 500

2. The examination time for specialized subjects is 120 minutes, and Applicants should select 3 questions from the list of 8 questions provided on the examination. Applicants must select at least one question in which the laboratory of their first choice is affiliated. Consult with your supervisor for details.

Specialized subjects	Main scope of questions	Main corresponding subjects	Laboratory
Physical Pharmaceutical Sciences A	マッキー生化学(第6版、化学同人): 4, 6, 9-1 [酸化還元電位], 10-1[電子伝達系] 章 新放射化学・放射性医薬品学 (改定5版、南江堂): 1, 2, 5章	・ Physical Pharmaceutical Sciences I, II ・ Radiochemistry	・ Molecular Pathobiology ・ Medicinal Chemistry & Chemical Biology ・ Drug Discovery and Evolution
Physical Pharmaceutical Sciences B	アップデート 薬学機器分析学(廣川書店): 1-3章	・ Instrumental Analysis ・ Applied Instrumental Analysis	
Organic Chemistry A	クライン有機化学(第2版、東京化学同人): 1-11, 13-14, 17, 20-23章	・ Basic Chemistry ・ Pharmaceutical Organic Chemistry I, II, III	・ Green Pharmaceutical Chemistry ・ Pharmaceutical Synthetic Chemistry ・ Molecular Transformation Chemistry ・ International Chemical and Physical Pharmacy ・ Frontier in Biofunction of Nucleic Acid and Organic Chemistry
Organic Chemistry B	クライン有機化学(第2版、東京化学同人): 1-23章 ウォーレン有機化学(第2版、東京化学同人): 21-23, 28-30, 37, 38章	・ Pharmaceutical Organic Chemistry IV ・ Organic Reaction Chemistry A, B ・ Coordination Chemistry ・ Organic Synthesis A, B ・ Natural Product Chemistry ・ Structural Analysis	
Biology A	Malacinski 分子生物学の基礎(第4版、東京化学同人) 2-15章 マッキー生化学(第6版、化学同人): 17-18章 タンパク質科学(第1版、裳華房): 1-5, 7, 8章	・ Molecular Biology ・ Molecular Genetics A, B ・ Bio-Pharmaceutical Sciences IA	・ Laboratory of Global Healthcare ・ Pharmaceutical Cell Biology ・ Molecular Biology ・ Cellular Biochemistry
Biology B	マッキー生化学(第6版、化学同人): 7-12, 14, 15章 予防薬学としての衛生薬学—健康と環境— (第4版、廣川書店: 3, 11, 14, 15, 16, 17, 19)	・ Hygienic ChemistryIIA, IIB ・ Bio-Pharmaceutical Sciences IIIA, IIIB ・ Social and Health ・ Hygienic Chemistry I, II ・ Hygienic Chemistry IV	
Medical A	図解薬理学(第1版、南山堂): 1-1, 2-1, 2-3, 2-6, 3-1, 3-5, 3-6章 パートナー生薬学(南江堂) 漢方薬入門(廣川書店)	・ Molecular and System Pharmacology I, II ・ Pharmacognosy A, B ・ Traditional Medicines	・ Pharmaceutics ・ Clinical Pharmacokinetics ・ Global Health Care ・ Molecular and System Pharmacology ・ Physiology
Medical B	Perspective薬剤学(京都廣川書店、第3版): 2, 3章	・ Pharmaceutics I, II ・ Pharmacokinetics IA, IB	・ Pharmaceutics ・ Disease Control ・ Clinical Pharmacology and Biopharmaceutics ・ Molecular Recognition of Chemotherapy

**Admissions Office Selection for International Students (NEW)** (Conducted in January every year)

**The type of student we seek**

The department seeks international students who share our vision and have great motivation and enthusiasm to engage in drug pharmaceutical research. This selection is for the applicants who have taken the Special Selection for International Students in August and meet certain reference points.

**Eligibility Requirements**

Only those who have taken the "Special Selection for International Students" held in August of the previous year and have met certain standard scores are eligible to apply.

(Contact Student Affairs Office of Pharmaceutical Sciences for details on the reference points)

**Enrollment Capacity**

A few students

**Time of Admission**

April

**Entrance Examination**

Specialized subject (60min.) - One designated subject for the research field of desired laboratory  
Interview (Presentation: 5 min, Q&A: 20 min.)

**Selection Methods**

Applicants are selected by means of comprehensive evaluation of the results of academic examinations and interview.