

Pharmaceutical Sciences (Doctor's Degree)

● 全専攻系共通カリキュラム科目

Introduction to Biological Ethics ... Itakura · Kitamura · Terao · Nakajo · Minakuchi
/1st-year(1st semester)

Clinical Psychology ... Sato · YAMAMOTO · Sakai · Fukumori · Mitome /1st-year(1st semester)

Introduction to social medicine, epidemiology and biostatistics
... Arisawa · Ito · Uemura · Yamauchi · Tanioka · Tokumura · Hinode · Moriguchi · Yanagawa
/1st-year(2nd semester)

Introduction to How to Write Up Scientific Manuscript in English
... Ichihara · Tomita · Kaji · Fukui · Nakaya · Okazaki · Nagashino · Fukui · Kalubi /1st-year(2nd semester)

Psychosomatic health and environmental stress ... Takeda · Ohmori · Takahama
· Sei · Rokutan · Oyadomari · Terao · Miyamoto · Nakaya · Yamanishi · Sakaue · Hosaka /
1st-year(2nd semester)

Basic methods in life sciences ... Fukui /1st-year(1st semester)

● 各専攻系間の共通カリキュラム科目

Introduction to Clinical Pharmacology ... Tamaki · Takiguchi · Kiwada · Tsuchiya
· Yamauchi · Tomita /alternate-year(2nd semester)

Genomic Drug Discovery ... Itou · Itakura · Tamaki · Sano · Part-time Lecturer /
each-year(1st semester)

Health food and herbal medicine ... Takaishi · Terao · Takeda /each-year(2nd semester)

● 専門科目

Physical Chemistry ... Chuman /alternate-year(2nd semester)

Physical Pharmacy ... Ueno /alternate-year(1st semester)

Advanced Analytical Chemistry ... TANAKA · Takeuchi /alternate-year(1st semester)

Molecular Medicinal Chemistry ... Sano /alternate-year(2nd semester)

Medicinal Chemistry ... Otaka · Nemoto /alternate-year(1st semester)

Pharmaceutical Organic Chemistry ... Ochiai · Miyamoto / alternate-year(2nd semester)

Pharmacognosy and Natural Products Chemistry ... Takaishi · Kashiwada /
alternate-year(2nd semester)

Synthetic Strategies of Biologically Active Natural Products ... Shishido
· Yoshida · Part-time Lecturer /alternate-year(1st semester)

Marine Natural Products as Drug Resources ... Minakawa · Ooi / alternate-
year(1st semester)

Special Lecture for Medicinal Biotechnology ... Itou · Tsuji · Part-time Lecturer
/ alternate-year(1st semester)

Theory of Controlled Medication Response ... Baba · Nagayama · Oka /
alternate-year(2nd semester)

Clinical Pharmacology ... Takiguchi · Yamazaki /alternate-year(1st semester)

Drug Informatics ... Yamauchi · Sato /alternate-year(1st semester)

Advanced Biopharmaceutics ... Kiwada · Ishida · Part-time Lecturer / alternate-
year(2nd semester)

Drug Metabolism and Therapeutics ... Kasahara /alternate-year(1st semester)

Pharmaceutical Health Care and Science ... Minakuchi · Kawazoe /alternate-
year(1st semester)

Selective lecture of Clinical Physiology ... Maeda · Izaki / alternate-year(2nd
semester)

advanced class of pharmacology ... Fukui · Mizuguchi /alternate-year(1st semester)

Advanced Pharmaceutical Biochemistry ... Tsuchiya /alternate-year(1st semester)

Chemotherapy ... Yamazaki · Arakaki · Shibata /alternate-year(1st semester)

Pharmaceutical Health Chemistry ... Tokumura · Tanaka / alternate-year(1st
semester)

Medicinal Biochemistry ... Shinohara /alternate-year(1st semester)