

College of Pharmacy

__Contact Information

Phone: +82-62-530-2904~6, 2920

Fax: +82-62-530-2902

E-mail: pharm@jnu.ac.kr

URL: <http://pharmacy.jnu.ac.kr>

■ Department

- Department of Pharmacy
 - Pharmacy major
 - Manufacturing Pharmacy major

■ Affiliated Research Centers

- Research Institute of Pharmaceutical Sciences
- Institute of Bioequivalence and Bridging Study
- Research and Development Center for Natural Product Drugs

College of Pharmacy

— Contact Information

Phone: +82-62-530-2920, 2953

Fax: +82-62-530-2949

E-mail: pharm@jnu.ac.kr

URL: <http://pharmacy.jnu.ac.kr/>

■ What is Pharmacy?

Pharmacy is the science of development, dispensing, and management of drugs. It is a health profession that links life sciences with chemical, biological and physical sciences. Pharmacy aims to educate and train students to ensure the safe and effective use of pharmaceutical drugs, and development of new therapeutic agents.

■ College of Pharmacy at Chonnam National University

The mission of the College of Pharmacy, established in 1981, is to educate and train highly-qualified professional pharmacists, scientists, and other officials in the healthcare field who will care for the health and future of our society. During the last decade, the College has made a strong commitment to intensive education and creative research through programs of education at the undergraduate, professional, and postgraduate levels. The College is well-equipped with research facilities, complete multimedia systems, and computer networks for a thoroughly modern educational experience.

■ Professors

- Yong-Bok Lee, Ph.D.
[Professor, Pharmaceutics,
leeyb@jnu.ac.kr]
- Won-Jea Cho, Ph.D.
[Professor, Organic Pharmaceutical
Chemistry, wjcho@jnu.ac.kr]
- Kyeong-Man Kim, Ph.D.
[Professor, Pharmacology,
kmkim@jnu.ac.kr]
- Kwonseop Kim, Ph.D.
[Professor, Pathophysiology,
koskim@jnu.ac.kr]
- Kwang Youl Lee, Ph.D.
[Professor, Molecular Biology,
kwanglee@jnu.ac.kr]
- Bok Yun Kang, Ph.D.
[Professor, Immunology,
bykang@jnu.ac.kr]
- Young Ran Kim, Ph.D.
[Professor. Pharmacotherapy.
kimyr@jnu.ac.kr]
- Young Jun Im, Ph.D.
[Professor, Structural Biochemistry,
imyounjung@jnu.ac.kr]
- ChangJu Chun, Ph.D.
[Professor, Bionano- Pharmaceuticals,
cchun1130@jnu.ac.kr]
- Joo Young Huh, Ph.D.
[Associate Professor. Applied Pharmacology.
jooyhuh@jnu.ac.kr]
- Juteak Nam, Ph.D.
[Associate Professor. Basic Pharmaceutical Chemistry.
namj@jnu.ac.kr]
- Young-Chang Cho Ph.D.
[Associate Professor, Preventive Pharmacy,
yccho@jnu.ac.kr]

- Namki Cho, Ph.D.
[Associate Professor, Pharmacognosy,
cnamki@jnu.ac.kr]
- Gyudong Kim, Ph.D.
[Associate Professor, Medicinal Chemistry,
gdkim0217@jnu.ac.kr]
- Kyuho Moon, Ph.D.
[Assistant Professor, Pharmaceutical Analysis,
khmon@jnu.ac.kr]
- Jeong Uk Choi, Ph.D.
[Assistant Professor, Physical Pharmacy,
cju0667@jnu.ac.kr]
- Somy Yoon, Ph.D.
[Assistant Professor, Basic Pharmaceutical Biology,
somyyoon@jnu.ac.kr]

■ Degree Requirements

Students are required to earn 225 credits to graduate.

Basic Pharmacy Courses

Basic Pharmaceutical Biology 1
Basic Pharmaceutical Biology 2
Basic Pharmaceutical Chemistry 1
Basic Pharmaceutical Chemistry 2
Introduction to Pharmacy
Instrumental Analysis
Basic pharmacy physics 1
Basic pharmacy physics 2
Basic Pharmaceutical Experiment
Microbiology 1
Microbiology 2
Cell biology
Pharmaceutical Biochemistry 1
Pharmaceutical Biochemistry 2
Pharmacy Ethics
Pharmaceutical statistics
Pharmaceutical Chemistry 1
Pharmaceutical Chemistry 2
Pharmaceutical Natural Products Chemistry
Anatophysiology 1
Anatophysiology 2

Pharmacy Major

Inorganic/Radiopharmaceutical Medicinal Chemistry
Physical Pharmacy 1
Physical Pharmacy 2
Physiopathology 1
Physiopathology 2
Healthcare Bigdata Analysis
Molecular Biology
Pharmacognosy 1

Pharmacognosy 2
Pharmacokinetics
Pharmaceutical analysis
Pharmacy Experiment 1
Pharmacy Experiment 2
Pharmacy Experiment 3
Pharmacy Experiment 4
Pharmaceutical Chemistry 3
Pharmaceutical Synthetic Chemistry 1
Systematic Literature Review
Target Structure Analysis and Drug Design
Herbal preparations
Cosmeticology
Chemotherapeutic Agents
Functional Food
Toxicology
Digital therapeutics
Immunology
Current anti-cancer immunotherapy
Drug Discovery and Development
Pharmacogenomics
Drug Delivery System
Pharmacology 1
Pharmacology 2
Pharmacology 3
Pharmaceutics 1
Pharmaceutics 2
Drug Design
Preventive Pharmacy & Public Health 1
Preventive Pharmacy & Public Health 2
Introductory Pharmacy Practice Experience

Microbial natural products experiments
 Drug synthesis 2
 Medicinal Chemistry 1
 Medicinal Chemistry 2
 Clinical Biochemistry
 Pharmaceutical Industry
 Pharmaceutical Design
 Veterinary Pharmacology
 Immunopharmacology
 Social Pharmacy
 Drug Delivery Technology for Biopharmaceuticals
 Biopharmaceuticals
 New Drugs
 Objective Structural Clinical Examination 1
 Objective Structural Clinical Examination 2
 Pharmacoeconomics
 Drug Interaction
 Pharmacotherapy 1
 Pharmacotherapy 2
 Pharmacotherapy 3
 Pharmacotherapy 4
 Pharmacopoeia and Pharmaceutical Evaluation
 Applied Pharmacology
 Pharmaceutical Process Validation
 Pharmacy Administration
 Pharmaceutical Design
 Prescription Pharmacy
 Degenerative diseases
 Personalized Drug Therapy
 Industrial Pharmacy
 Pharmaceutical Jurisprudence
 Pharmacy Practice Experience 1
 Pharmacy Practice Experience 2
 Pharmacy Practice Experience 3
 Pharmacy Practice Experience 4
 Drugs of Abuse and Addiction
 Advanced Pharmacy Practice Experience 1
 Advanced Pharmacy Practice Experience 2
 Advanced Pharmacy Practice Experience 3
 Pharmacy Research
 Clinical Pharmacokinetics
 Natural Medicines

Manufacturing Pharmacy Major

Inorganic/Radiopharmaceutical Medicinal Chemistry
 Physical Pharmacy 1
 Physical Pharmacy 2
 Physiopathology 1
 Physiopathology 2
 Healthcare Bigdata Analysis
 Molecular Biology
 Pharmacognosy 1
 Pharmacognosy 2
 Pharmacokinetics
 Pharmaceutical analysis
 Manufacturing Pharmacy Experiment 1
 Manufacturing Pharmacy Experiment 2
 Manufacturing Pharmacy Experiment 3
 Manufacturing Pharmacy Experiment 4
 Pharmaceutical Chemistry 3
 Pharmaceutical Synthetic Chemistry 1
 Systematic Literature Review
 Target Structure Analysis and Drug Design
 Herbal preparations
 Cosmeticology
 Chemotherapeutic Agents
 Functional Food
 Toxicology
 Digital therapeutics
 Immunology
 Current anti-cancer immunotherapy
 Drug Discovery and Development
 Pharmacogenomics
 Drug Delivery System
 Pharmacology 1
 Pharmacology 2
 Pharmacology 3
 Pharmaceutics 1
 Pharmaceutics 2
 Drug Design
 Preventive Pharmacy & Public Health 1
 Preventive Pharmacy & Public Health 2
 Introductory Pharmacy Practice Experience
 Microbial natural products experiments
 Drug synthesis 2
 Medicinal Chemistry 1
 Medicinal Chemistry 2
 Clinical Biochemistry

Pharmaceutical Industry
Pharmaceutical Design
Veterinary Pharmacology
Immunopharmacology
Social Pharmacy
Drug Delivery Technology for Biopharmaceuticals
Biopharmaceuticals
New Drugs
Objective Structural Clinical Examination 1
Objective Structural Clinical Examination 2
Pharmacoeconomics
Drug Interaction
Pharmacotherapy 1
Pharmacotherapy 2
Pharmacotherapy 3
Pharmacotherapy 4
Pharmacopoeia and Pharmaceutical Evaluation
Applied Pharmacology
Pharmaceutical Process Validation

Pharmacy Administration
Pharmaceutical Design
Prescription Pharmacy
Degenerative diseases
Personalized Drug Therapy
Industrial Pharmacy
Pharmaceutical Jurisprudence
Pharmacy Practice Experience 1
Pharmacy Practice Experience 2
Pharmacy Practice Experience 3
Pharmacy Practice Experience 4
Drugs of Abuse and Addiction
Advanced Pharmacy Practice Experience 1
Advanced Pharmacy Practice Experience 2
Advanced Pharmacy Practice Experience 3
Manufacturing Pharmacy Research
Clinical Pharmacokinetics
Natural Medicines

■ Careers

Pharmacy graduates play a pivotal role in the development of new drugs and scientific technologies in leading research institutes, government agencies, and pharmaceutical industries both in Korea and around the world.