

Department of East-West Medical Science

Tel : +82 31 201 3808~9 Fax : +82 31 204 8119 E-mail : khusms@khu.ac.kr URL : <http://khusms.khu.ac.kr/>

What is East-West Medical Science?

The field of medical science has been increasingly recognized as a key interdisciplinary science between clinics in hospitals and natural science. Although biological science belongs to this category, however, its role is somewhat biased to investigation of basic phenomena for life. In contrast, medical science is oriented toward the application of discoveries in biological science to human health problems. Therefore, it is of the utmost importance to educate students to execute excellent performance in medical science, which is the primary aim of the School of East-West Medical Science.

East-West Medical Science at Kyung Hee

In February of 2008, the Department of East-West Medical Science was established as an independent division in the College of Liberal Arts, this being a defining characteristic which sets the department apart from others in the university, and will be maintained as such. The department accommodates roughly 30 students per year.

The aim of the school is to educate students to enter graduate schools for M.D. or for Ph.D. degrees in research in fields of medical science. The students are required to attend department classes covering various fields including chemistry, physics, biology, anatomy and physiology. Students are also encouraged to take many credits for related classes, and Kyung Hee accreditation must be fulfilled for a student to graduate with a Bachelor of Science (B.S.) degree.

Degree Requirements

The following are requirements to obtain a B.S. degree:

- an undergraduate grade point average of 1.70 or higher
- acquisition of more than 130 credits including the credits from general studies program required by the University:
 - Required basic courses: 18 credits
 - Required core courses: 36 credits
 - Elective courses: 24 credits
- A score higher than level 3 of a state-certified Han-ja test or acquire certified Korean language test
- A score higher than the suggested guide lines in English proficiency tests. The suggested guide lines are 720 or above for TOEIC, 220 or above for TOEFL CBT, 85 or above for TOEFL IBT, and 610 or above for TEPS

Courses

1st Year

Physics and Laboratory 1 and 2, Chemistry and Laboratory 1 and 2, College Algebras, Statistics, Introduction to East-West Medical Science

2nd Year

Organic Chemistry 1 and 2, Biology 1 and 2, Medical English 1 and 2, Orient Medical Classics 1 and 2, History of Philosophy in Life Science, Biology and Laboratory, Biochemistry, Biochemistry and Laboratory

3rd Year

Advanced Biology, Molecular Biology, Molecular Biology and Laboratory, Anatomy 1 and 2, Microbiology, Cellular

Biology, Genetics, Research of Medical Science 1, Medical Biochemistry, Advanced Chemistry

4th Year

Immunology, Neuroscience, Nutrition, Research of Medical Science 2~5, Understanding of Medicine, Dentistry and Orient Medicine, Thesis, Introduction to Biotechnology, Developmental Biology, Chemical Biology

Careers and Graduate Destinations

The students are encouraged to continue their studies in graduate schools of medicine or life science to be clinical doctors or doctoral researchers in the fields of medical science.

Faculty

Nak-Won Sohn, O.M.D., Ph.D. Kyung Hee University, 1990, Professor, Neuroanatomy, sohnw@khu.ac.kr

Chul-Hun Kang, Ph.D. Iowa State University, 1995, Professor, Biochemistry, kangch@khu.ac.kr

Eun-Joo Hwang, Ph.D. Ohio State University, 1997, Professor, Molecular Cell Biology, ehwhang@khu.ac.kr

Ji-Ho Park, Ph.D. Leeds University, 1994, Professor, Neuro Physiology, jihopark@khu.ac.kr

Joung-Woo Hong, Ph.D. Ohio State University, 2004, Associate Professor, Molecular Biology and Biochemistry, jwhong46@khu.ac.kr

Tae-Woo Kim, Ph.D. Seoul National University, 2001, Associate Professor, Organic Chemistry, tw1275@khu.ac.kr

Hee Kang, O.M.D., Ph.D. Kyung Hee University, 2005, Associate Professor, Oriental Pathology, shehee@khu.ac.kr

Dong-Hyung Cho, Ph.D. Gwangju Institute of Science and Technology, 2005, Associate Professor, dhcho@khu.ac.kr