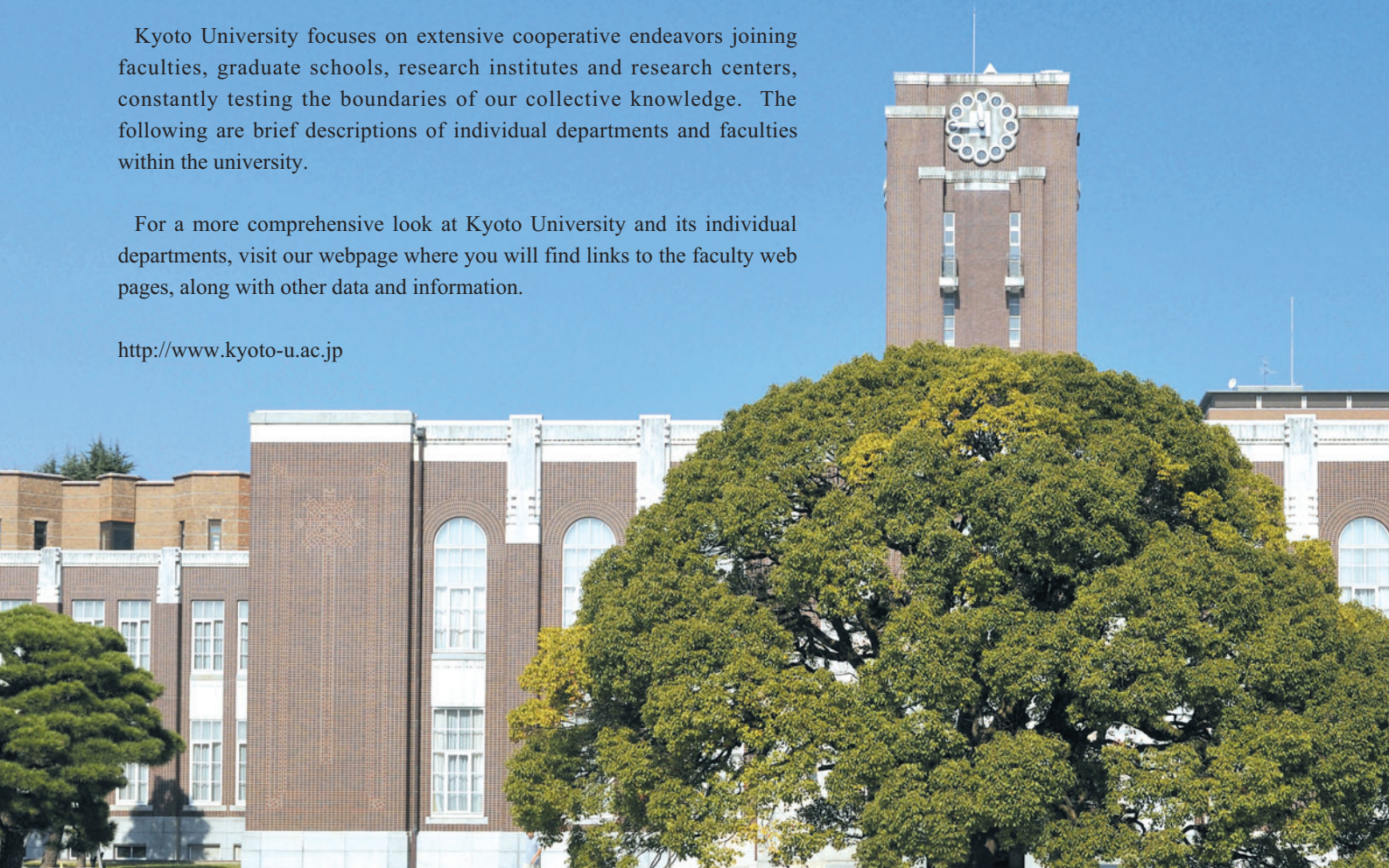


Faculties & Graduate Schools

Kyoto University focuses on extensive cooperative endeavors joining faculties, graduate schools, research institutes and research centers, constantly testing the boundaries of our collective knowledge. The following are brief descriptions of individual departments and faculties within the university.

For a more comprehensive look at Kyoto University and its individual departments, visit our webpage where you will find links to the faculty web pages, along with other data and information.

<http://www.kyoto-u.ac.jp>



Graduate Schools Faculties

GRADUATE SCHOOL OF LETTERS FACULTY OF LETTERS

The Faculty of Letters originated as the College of Letters in 1906. In the beginning it consisted solely of the Division of Philosophy, which was augmented by the Division of History in 1907, the Division of Literature in 1908 and the Division of Behavioral Studies in 1992. Since its foundation, the Faculty has been a pre-eminent academic center in the fields of arts and humanities. The Faculty Library holds approximately 910,000 catalogued books in numerous languages and is home to many rare books and valuable historical manuscripts. The latest apparatuses and devices for scientific experiments are available at the Psychology department.

The Faculty currently consists of six divisions: Philosophy, Eastern Culture, Western Culture, History, Behavioral Studies, and Contemporary Culture, and they are further divided into 34 departments. Undergraduates spend the first two years attending Liberal Arts and General Education Courses (classes which are open to students of all faculties). At the end of the second year, they are required to decide which department they wish to be affiliate to, and then spend a minimum of two years majoring in the field of their choice, on which they are required to write a B.A. thesis.

At the M.A. degree level, students also spend two years or more in study and write a thesis in order to graduate. A minimum of three years is spent before submitting a doctoral dissertation. The Graduate School has always worked closely with the Institute for Research in Humanities, and other components of the university, especially with the Faculty of Integrated Human Studies, for both education and research. Also, the Graduate School has as an attached institution, The Center for Eurasian Cultural Studies (located at Haneda Memorial Hall).

Because of the nature of the fields it covers, the Faculty of Letters is one of the most internationally-orientated components of the university. Studies of foreign cultures are pursued in many departments and involve numerous international teachers. Departments devoted to studies of eastern cultures have attracted an extremely talented pool of scholars and students from abroad.

With the exception of those led by non-Japanese lecturers, most lectures are conducted in Japanese, although texts are invariably studied in their original languages, and proficiency in foreign languages is a requirement of students in all areas.

www.bun.kyoto-u.ac.jp/index-e.html

GRADUATE SCHOOL OF EDUCATION FACULTY OF EDUCATION

The graduate school of education aims to provide our students with highly professional knowledge and distinctive research competencies to explore the educational issues in our society theoretically and practically. The graduate school seeks to nurture professionals who will contribute to the establishment of a harmonious global society with insight and a understanding toward those with differing backgrounds. Students are encouraged to develop their abilities to consider problems from different angles, comprehensively and critically, and to cultivate their positive attitude towards *humanitas* or desirable human nature. To accomplish the purposes above, the graduate school offers diverse programs to stimulate students' spontaneous research activities under an environment in which a greater emphasis is placed on field experiences and tangible theories connected to daily practices, especially in cross-disciplinary and cross-national context.

The graduate school of education consists of two divisions; the division of educational sciences and the division of the clinical studies of education. The former is committed to conducting research in such fields as the philosophy and history of education, human lifelong development and learning, and the social and global environment surrounding education. The division aims at producing persons who can make contributions to better understand human nature and how to enhance human education and learning using advanced approaches with wide geographical and historical perspectives. The division of the clinical studies of education is designed to train clinical psychologists who can devote themselves to solving the problems and troubles many individuals face in their mind; and educators who, with highly professional knowledge of human beings and human relationships, can reconstruct their educational environment taking situational conditions into consideration. The division offers programs relating to clinical issues of the human mind and mentality and covers the fields of pedagogy and psychology.

www.educ.kyoto-u.ac.jp/en/index.html

... a harmonious global society with
insight and an understanding of
those with differing backgrounds.



GRADUATE SCHOOL OF LAW FACULTY OF LAW

For over a century, the Faculty of Law, founded in 1899, and the Graduate School of Law have played a central role both in the teaching and research activities of law and political science in Japan. As for teaching, the Faculty and School have been committed to strengthening students' abilities to further their knowledge, opinion, wisdom and logical thinking, as well as to nurture their spirits of intellectual autonomy by inspiring their will to search out and sense initiatives which derive from their own critical views. In research, the Faculty and School have been devoted to searching for truth through free discussions and has successfully made considerable and unique contributions by engaging with the world and actively dealing with key issues of the society in any given period.

The Graduate School of Law and the Faculty of Law have faced vast changes during the last several years. In April 2004, Kyoto University was incorporated as a National University Corporation, and it was at this time that the Law School Program was added as a new professional school systematically linking legal education at the university. The Legal and Political Studies Program at the Graduate School of Law is designed for those interested in an academic career. Currently the Legal and Political Studies Program admits about 15 students for the Master of Laws (LL.M.) program and about 30 students in the Doctor of Laws (LL.D.) program each year. Bridging these two graduate programs and placing the Law School Program within the Graduate School of Law, the School provides students with opportunities for both advanced research training and practical legal training. As more emphasis has been placed upon the graduate programs, the Faculty of Law program has been streamlined and now focuses on basic scholarship. Currently about 330 new students enroll in the Bachelor of Laws (LL.B.) program each year.

The Master's program of International and Public Policy was reorganized and evolved into the School of Government in April 2006, in cooperation with the Graduate School of Economics, to train future professionals with a high-level of expertise in public service who will design, execute and assess public policy.

To respond to such dynamic organizational change and

further strengthen our educational programs, a group of legal practitioners, including judges, prosecutors, lawyers as well as government officials and corporate executives, has joined the academic faculty of professors and associate professors.

www.kyodai.jp/english/e_top.html

GRADUATE SCHOOL OF ECONOMICS FACULTY OF ECONOMICS

The Kyoto University Faculty of Economics was established in 1919. In 2009, the Faculty marked its 90th anniversary. Throughout its history, our faculty's academic tradition has been in developing the spirit of freedom and independence in our students. Economic scholars at Kyoto University began publishing the monthly *KEIZAI RONSO* in 1914 and launched in 1926, *The Kyoto University Economic Journal*, the first Western language academic journal in economics in Japan. Among the early professors of our Faculty, Hajime Kawakami and Yasuma Takata are especially noteworthy as the founders of Marxian economics and of modern economics in Japan, respectively.

Although we are proud of our history, we are constantly searching for ways to upgrade our education and research methods in order to challenge the problems of the modern economic society. In our research area we aim to advance the frontier of economic theories that cover the spectrum from innovative basic ideas to highly mathematical or computational analysis, while also investigating the ideal conditions of sustainable economic development in the 21st century. The potential of economic growth in East Asia and its environmental sustainability are examples of our current foci.

We invite ambitious students who wish to study economics and management to refine their creativity and human nature at our campus. For these students, there are three different program entrance examinations: first, the ordinary examination for high school students that have demonstrated an interest in the humanities, second, an examination for high school students that are from a background in the sciences, and third, an examination of theses writing skills that evaluate the candidate's ability to construct logical arguments. We welcome overseas students who are willing to study in Kyoto. Currently, over a hundred foreign national undergraduate and



graduate students study with us.

As we provide a rich and diverse curriculum in both the undergraduate and graduate levels, students are able to gain up-to-date academic knowledge and practical skills. Most students belong to “homeroom seminars” where they enjoy personal guidance from teachers, and develop social networks in an academic environment.

We invite many guests – renowned scholars, young researchers as well as other students – from all over the world. We strongly endeavor to remain one of the most active centers of education and research in economics and management worldwide.

www.econ.kyoto-u.ac.jp/index_e.php

GRADUATE SCHOOL OF SCIENCE FACULTY OF SCIENCE

The Graduate School of Science and the Faculty of Science are dedicated to the exploration of the fundamental laws of nature and thereby the development of the philosophy of science. The five departments comprising them, Mathematics, Physics and Astronomy, Earth and Planetary Sciences, Chemistry, and Biological Sciences, form the core of the education and research activities at both the undergraduate and graduate levels. As evidenced by the success of the Kyoto University alumni Makoto Kobayashi and Toshihide Masukawa, recipients of the 2008 Nobel Prize in Physics, our school fosters creativity among our researchers, placing a higher value on unique ideas than efficiency and competition. We also emphasize an international environment, welcoming many motivated students and researchers from overseas.

The Faculty of Science provides a unique educational system in which undergraduate students are allowed the opportunity to study all fields of science, without regard for their major. Students choose their classes from a rich variety of lectures, seminars and laboratory courses. In addition, students are strongly encouraged even at the undergraduate level to pursue original research topics. A large number of these students go on to study in graduate school, while others find success outside of the academic world. Students in the

Graduate School of Science are encouraged to develop their creativity as they carry out their research. Through their examination of topics involving the fundamental problems in science, they acquire the methodologies and knowledge of accomplished researchers.

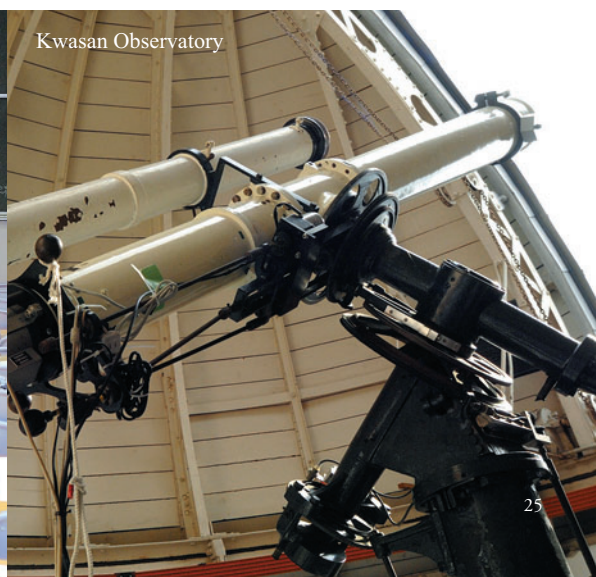
There are 267 permanent faculty members (professors, associate professors and assistant professors) in the above-mentioned departments, making up the core of the Graduate School of Science. In addition, there are several affiliated institutes and laboratories with a total of 231 faculty members. These institutes participate in both the educational and research activities of the Graduate School of Science, while pursuing their own separate missions. They include the Research Institute for Mathematical Sciences, the Yukawa Institute for Theoretical Physics, the Institute for Chemical Research, the Research Institute for Sustainable Humanosphere, the Disaster Prevention Research Institute, and the Primate Research Institute.

The Faculty of Science and the Graduate School of Science aim to develop the abilities of prospective scholars with bold aspirations and original ideas, who will someday produce research and carry on academic activity on an international stage. With the philosophical foundation of a liberal academic tradition, students at Kyoto University are encouraged to seek the fundamental mechanisms operating in nature and in human activity.

www.sci.kyoto-u.ac.jp/international

GRADUATE SCHOOL OF MEDICINE FACULTY OF MEDICINE

The Faculty of Medicine at Kyoto University is committed to the development of medicine and medical care for the 21st century. We consider it our mission to do our part for the well-being of the entire human race. At Kyoto University, our primary focus is to encourage autonomy and self-study to facilitate the cultivation of highly innovative and creative capacity in graduates. We therefore seek independent-minded individuals who strive to uncover phenomena and resolve problems related to medicine through their own initiatives. Furthermore, one of the goals of the Faculty of Medicine is to



attract individuals with a diverse array of abilities and educational backgrounds capable of taking on supervisory positions in the fields of medical care. In our Human Health Science major, we aim to develop a logical theoretical system of “health,” and establish a practical method to realize a healthy society. Based on these principles, we aim to foster compassionate medical professionals with advanced clinical ability who can provide patients with the best possible care, as well as educators and researchers with the ability to combine basic and clinical medicine, and collaborate with specialists in diverse fields for the future development of medical science.

The Graduate School of Medicine currently offers four majors to choose from: Medicine, Medical Science, Public Health (For details of the professional graduate school program see page 33.) and Human Health Science. Each major offers a veritable cornucopia of research activities which cover virtually all aspects (basic medicine, clinical medicine, social medicine, medical technology etc.) of medical research. The mission of medical researchers is to understand both body functions and the mechanisms of diseases caused by irregularities in those functions. Nowadays scholarship is becoming increasingly specialized and international, and the number of fields of specialization is increasing. For these reasons, medical researchers are required to have not only extensive training in their specialized area, but must also cultivate knowledge across a broad range of interests and develop an integrative perspective, insight, a sound moral character, international capability and other abilities that will enable them to become leading clinicians and researchers. Our graduate course integrated six traditional majors into one in 2006 in order to remove the barriers between them. In addition, we have established cross-sectional educational courses in which we conduct specialized training programs to foster talented researchers.

www.med.kyoto-u.ac.jp/E

GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES FACULTY OF PHARMACEUTICAL SCIENCES

Pharmaceutical Sciences by definition is an academic field that contributes to human healthcare through scientific activities involving the discovery, development, production, and application of drugs. The mission of the Graduate School of Pharmaceutical Sciences is to promote pharmaceutical sciences and practices through the establishment of a world centre for innovative drug discovery and development and optimization of pharmacotherapy.

The Faculty originated as the Division of Pharmacy in the Faculty of Medicine in 1939 and became an independent facility with seven departments in 1960. Subsequently, the Faculty has expanded steadily in parallel with advances in the life sciences and an increase in social demands on healthcare and it presently consists of thirty-five Departments, three endowed chairs, and four affiliated institutions, such as the Institute for Innovative NanoBio Drug Discovery and Development, the Center for Integrative Education of Pharmacy Frontier, the Center for Organic Elemental Microanalysis, and the Experimental Station for Medical Plant Research. Through comprehensive reorganization, the Graduate School is now involved in four major fields of pharmaceutical sciences through; 1. Division of Physical and Organic Chemistry, 2. Division of Life Sciences, 3. Division of Pharmacy and Biomedical Sciences, and 4. Division of Bioinformatics and Chemical Genomics. The research and teaching activities of the Faculty and the Graduate School now cover all the main areas of pharmaceutical sciences. Recently, the elucidation of the total human genome sequence has resulted in a comprehensive understanding of the physiology of the human body and the disease mechanisms at a molecular level. Rapid progress in genomic science has led to innovation in drug discovery, development, and application, and new tools, such as informatics, bio-imaging, and nano-bio technology are becoming widely used.

With regard to education, the aim is to train world leaders in the pharmaceutical sciences in both undergraduate and graduate schools. Regarding this mission, the education



programs cover not only basic sciences but also sciences associated with drug discovery and development used in the pharmaceutical industry, those for rationalization of pharmacotherapy at medical institutions, and those for regulatory affairs at a governmental level. In the 21st century, the pharmaceutical sciences will play an increasing role in aspects of social acknowledgment, development of knowledge bases, new technologies, and global harmonization. To achieve this goal, the Graduate School of Pharmaceutical Sciences needs to expand its horizons and integrate pharmaceutical sciences and practice with new elements of medical and information technologies and global health practice.

www.pharm.kyoto-u.ac.jp/english

GRADUATE SCHOOL OF ENGINEERING FACULTY OF ENGINEERING

The Undergraduate School of Engineering has its origin in the College of Science and Engineering, which was established in 1897 and included 2 engineering departments: Civil Engineering and Mechanical Engineering. The College was divided into the College of Engineering and the College of Science in 1914, and the former was renamed the Undergraduate School of Engineering in 1919. In 1953, the Graduate School of Engineering was established for graduate education.

The Faculty of Engineering is the largest faculty within the university. It is composed of 6 departments – Global Engineering, Architecture, Engineering Science, Electrical and Electronic Engineering, Information and Mathematical Science, and Industrial Chemistry – spanning practically all fields of engineering. The educational policy of the faculty is to cultivate technologists who are equipped to firmly grasp the essence of things scientifically, through their own senses, unbounded by any preconceptions, and who can serve as innovators in new and emerging fields of technology.

The Graduate School consists of 17 departments and 7 centers. The new Katsura Campus, to which the Graduate School of Engineering is scheduled to move, is currently under development, and 12 departments have already moved

there. The Graduate School engages in a very broad range of research, from theoretical studies in mathematics, physics, chemistry and biology, which serve as technical foundations, to the development of new engineering technologies. In doing so, it has earned great acclaim, both in Japan and internationally, as evidenced by the numerous Nobel Prize winners the school has produced.

Currently the school is adding new educational and research facilities at Katsura Campus, where it provides training to cultivate creative research and development capabilities. In addition to implementing advanced and appealing educational programs at its new campus, the school actively engages in exchanges with the industrial sector, and is a research facility that inspires innovative, cutting-edge science and technology for the benefit of society.

In addition to maintaining its current graduate school education programs made up of doctoral and master's courses, two new master's/doctoral programs in Integrated Engineering and Advanced Engineering were launched in April 2008. The Integrated Engineering course is the cross-border integration between the academic disciplines of existing departments, to examine new merging fields of engineering, while the Advanced Engineering course is designed to offer education in areas of fundamental science. Through both courses, the school aims to cultivate skilled professionals for new fields of engineering.

www.t.kyoto-u.ac.jp/en

GRADUATE SCHOOL OF AGRICULTURE FACULTY OF AGRICULTURE

The Graduate School of Agriculture looks into the future of mankind and the planet Earth. By the end of this century, the human population is expected to reach 10 billion, and there is a demand for increased production of food and bioresources. On the other hand, the environmental problems such as deforestation, soil salinization, desertification and water pollution, are of growing concern. In recent years, the function and safety of food are also gathering concern. Under this situation, the goal of the Graduate School is to find a way, in which humans can live together with nature.



Shiran Kaikan, Inamori Hall of
the Graduate School of Medicine

At the Graduate School of Agriculture, agricultural science is defined as an integration of life, food and environmental sciences, and encompasses areas not only in biology but also in chemistry, physics and economics/social sciences. According to this concept, research is being pursued in an interdisciplinary and integrated manner at all levels from the molecular or gene to regional or global ecological levels. Through these educational and research activities, our mission is to send into the world educated individuals with a broad, flexible and multidisciplinary vision in addition to international perspectives. This Graduate School aims to serve as a representative center for the integrated education and research in agriculture in Japan.

The Graduate School of Agriculture is comprised of seven divisions: Agronomy and Horticultural Science, Forest and Biomaterials Science, Applied Life Sciences, Applied Biosciences, Environmental Science and Technology, Natural Resources Economics, and Food Science and Biotechnology, and two affiliated facilities: The Experimental Farm and the Livestock Farm. The main feature of the graduate program is the pursuit of advanced knowledge of agricultural sciences, mainly through research. The research is supervised by the academic staff of the laboratories in the Graduate School of Agriculture and in collaborating institutes in related fields.

The Faculty of Agriculture is engaged in the undergraduate education of the Graduate School of Agriculture and is comprised of six departments: Bioresource Science, Applied Life Sciences, Agricultural and Environmental Engineering, Food and Environmental Economics, Forest and Biomaterials Science, and Food Science and Biotechnology.

The Graduate School of Agriculture eagerly supports its students' international exchange activities. Many collaborative research works are being carried out with universities and research institutions all over the world, and more than 100 foreign students are studying at the Graduate School. In addition, we have been implementing several international student exchange programs for these several years, contributing to the internationalization of our education.

www.kais.kyoto-u.ac.jp

GRADUATE SCHOOL OF HUMAN AND ENVIRONMENTAL STUDIES FACULTY OF INTEGRATED HUMAN STUDIES

Research and Educational Objectives

The Graduate School of Human and Environmental Studies aims to deepen our fundamental understanding of humans and nature through interdisciplinary approaches bridging the humanities, social sciences, and natural sciences. The Graduate School conducts research to develop new conceptions of civilization and nature needed to improve the relations between humans and their environment.

While pursuing these research aims, the Graduate School strives to instill professional and technical excellence in students who will become researchers, leaders, and practitioners tackling social and environmental problems through their broad perspectives, advanced knowledge, and insights.

Characteristics

The most prominent characteristic of the Graduate School of Human and Environmental Studies is its wide range of research fields, spanning the humanities, social sciences, and natural sciences. This interdisciplinary stance enables us to reassess and restructure traditional scholarship into new paradigms aiming for harmonious coexistence between humans and nature, facilitating a more sustainable society.

Another characteristic of the Graduate School is its cooperation with other academic institutions. Its faculty members work closely with other institutions not only within Kyoto University (the Graduate School of Global Environment Studies, the Institute for Research in Humanities, the Institute for Chemical Research, the Center for the Promotion of Excellence in Higher Education, the Experimental Research Center for Infectious Diseases, the Radioisotope Research Center, the Radiation Biology Center, the Kokoro Research Center, the International Center, and the Academic Center for Computing and Media Studies), but also outside Kyoto University (the Kyoto National Museum, the Nara National Research Institute for Cultural Properties, the National Institute of Special Needs Education, and the National Institute of Information and Communications Technology). Such cooperative work enables the Graduate



School to attain its research and educational objectives more thoroughly and dynamically.

Faculty of Integrated Human Studies

The Faculty of Integrated Human Studies is the undergraduate college of the Graduate School of Human and Environmental Studies. The Faculty was founded in 1949 as a liberal arts college at Kyoto University, and named the College of Liberal Arts and Sciences in 1954. In 1992, the College was reorganized and renamed the Faculty of Integrated Human Studies, and in April, 2003, the Faculty was integrated with the Graduate School in order to achieve yet higher academic goals.

The Faculty consists of five Divisions (Human Sciences, Multi-Disciplinary Studies of Civilizations, Cultural Environment Studies, Cognitive and Information Sciences, and Natural Sciences) that educate students through its interdisciplinary curricula.

www.h.kyoto-u.ac.jp/index_e.php

... exploring the unexplored,
combining our knowledge.

Katsura Campus





GRADUATE SCHOOL OF ENERGY SCIENCE

Securing energy and conserving the environment are the most important issues for the sustainable development of human beings. To solve the various energy and environment problems, the Graduate School of Energy Science was founded in 1996, by bringing together a wide-range of academic areas. The Graduate School is comprised of four departments: The Department of Socio-Environmental Energy Science, the Department of Fundamental Energy Science, the Department of Energy Conversion Science, and the Department of Energy Science and Technology. All faculty members have completed majors in engineering, science, agriculture, economics and related fields. The Graduate School works to deepen the scope of the energy sciences, to further develop technologies for energy and the environment, to cultivate excellent human resources having specialized wisdom in energy and environment, and to make positive contributions to society.

The Graduate School has been engaged in the Kyoto University Global COE Program, "Energy Science in the Age of Global Warming – Toward a CO₂ Zero-emission Energy System" since 2008. Greenhouse gases such as carbon dioxide have been regarded as the main causes of climate change in recent years. The energy problem cannot be simply labeled as a technological one, as it also involves social and economic elements. It is necessary to establish a "Low Carbon Energy Science" as an interdisciplinary field adding the social sciences and the human science to the natural sciences. This program aims to establish an international education and research platform to foster human resources who can develop technologies, propose policies and establish a scenario toward a CO₂ zero-emission society no longer dependent on fossil fuels. As Energy Science Researchs for no CO₂ emissions, this program targeted at renewable energy, advanced nuclear energy (Fission and Fusion), and socio-economic studies of energy.

www.energy.kyoto-u.ac.jp/index_eng.html

GRADUATE SCHOOL OF ASIAN AND AFRICAN AREA STUDIES

Under the process of rapid globalization in terms of economy and information flow, we more than ever need to tackle the disparity in North-South relations, environmental problems, ethnic conflicts, regionalism, and such. These problems are especially salient in developing areas – above all in tropical Asia and Africa.

For this reason, the Graduate School of Asian and African Area Studies, established in 1998, has promoted an interdisciplinary and integrated approach to area studies, transcending the existing disciplinary boundaries and serves to gain a better and more holistic understanding of divergent areas in the world. With this principle in mind, the graduate school has trained specialists of Asian and African studies, who possess detailed local knowledge of these areas and are also equipped with a global perspective.

The graduate school consists of three research divisions: the Division of Southeast Asian Area Studies, the Division of African Area Studies, and the Division of Global Area Studies. The graduate school also stresses the importance of comparative area studies implemented across three divisions. In terms of educational system, the graduate school has emphasized long-term fieldwork during the five-year doctoral program. The long-term fieldwork is a hallmark of area studies, distinct from the conventional armchair sciences or laboratory sciences.

Pressures of the contemporary world community continue to mount for each country to contribute to the planning and attainment of a sustainable development, to develop social welfare policies, and so on. Successful implementation of this so-called soft aid hinges on a deep understanding of the intrinsic characteristics of the aid-receiving areas. Thus, in addition to training specialists of Asian and African area studies, the graduate school also aims to educate personnel who are capable of working in international aid organizations, and accordingly issues Master's degrees.

www.asafas.kyoto-u.ac.jp/en



GRADUATE SCHOOL OF INFORMATICS

“Informatics” is the study of information in natural and artificial systems. The Graduate School of Informatics at Kyoto University investigates 1) the interface between human beings and their society, 2) mathematical modeling, and 3) information systems. Therefore the study of informatics encompasses the human, social, biological, linguistic, computational, algorithmic, control theoretic, mathematical and mechanical aspects of information, as well as computer science, systems science and communications engineering.

One distinguishing feature of the Graduate School of Informatics is its strong and in-depth research activities. The second feature is its continuous efforts to develop human resources.

The Global COE program titled “Informatics Education and Research Center for Knowledge-Circulating Society” has been running from 2007. One of the actions in this Global COE program is a program for the leaders of tomorrow. Young researchers and PhD students are encouraged to competitively apply for research project openings, which encourages leadership skills and helps them to build an international network of personal contacts. The other is a series of seminars, in cooperation with major language schools and NHK, which train PhD and master’s course students for presentations, communications and negotiations in both English and Japanese. Three international courses will commence from 2010 supported by the Global 30 Program of Kyoto University.

An important aim of the Graduate School of Informatics is to change the present information society with all its problems to a healthy and harmonious information society, or rather, a “Knowledge Society”. The knowledge society can only be developed through information communication technology (ICT) supported by mathematical and systems sciences and be achieved through the interface between human beings and their society, mathematical modeling, and information systems – what we consider to be an intersection of the three pillars of the Graduate School of Informatics.

www.i.kyoto-u.ac.jp

GRADUATE SCHOOL OF BIOSTUDIES

Today, the life sciences are dramatically changing and progressing as a frontier, paving the way for the future of humanity. Foreseeing this present situation, our graduate school, the Graduate School of Biostudies, was founded in 1999 as the first of its kind in Japan to handle and cover the broad areas of life science research. Our graduate school aims to create a world top class research center in life science and prepare young scientists to play leading roles in developing basic and applied sciences. We are sincerely eager to contribute to the development of human welfare and quality of life in the 21st century, by continuing these scientific and educational activities.

Our graduate school consists of two divisions, the Division of Integrated Life Science (ILS) and the Division of Systemic Life Science (SLS). The ILS laboratories investigate fundamental mechanisms of the cell structure, cell growth, intracellular signal cascades, plant physiology and totipotency, as well as communicative mechanisms between cells, organisms, and even with their environments. The SLS laboratories focus on higher order mechanisms such as the brain and immune system, and explore the fundamental molecular mechanism of human diseases, in search of novel therapeutic strategies for currently non-curable diseases. In 2004, SLS opened a new non-experimental lab to address bioethical and other new problems in the life science research as they arise.

During our educational program, we provide graduate students with as many opportunities as possible to learn solid scientific methodologies in class and to experience every level of the research procedure, from planning and conducting experiments, analyzing and presenting the data, to writing papers. From these experiences, graduate students learn the essential and fundamental aspects of research sciences, and become capable of contributing to the society not only as a research scientist but also as a highly experienced specialist in their respective field.

www.lif.kyoto-u.ac.jp

GRADUATE SCHOOL OF GLOBAL ENVIRONMENTAL STUDIES

Global environmental problems are a challenging agenda of the 21st century inherited from the 20th century. In developed countries, mass production, mass consumption and mass waste have resulted in climate change, ozone layer depletion, water pollution, ground water and soil contamination, and hazardous waste problems. Developing countries undergoing rapid population growth are following the same path as developed countries, and are imposing new stresses on the earth. The exploitative systems of primary industries such as agriculture, fisheries and mining undermine the growth of developing countries in which those industries form the economic base. The least developed countries face problems of poverty eradication in order to meet basic human standards of living for their people.

The issues to be studied in the field of global environmental studies can be viewed from two general perspectives: firstly, as academic science in the search for truth, and secondly, as problems to be solved practically. As the field is in an early stage of its formation, research must be undertaken in a way which allows dynamic development, and with a strategic perspective combining foresight and interdisciplinary flexibility. Educational programs require firmly grounded and systematic teaching which covers a broad spectrum of global environmental topics with an emphasis on social relevance.

The Graduate School of Global Environmental Studies, established in 2002, is composed of the Hall of Global Environmental Research (a research body), the School of Global Environmental Studies (an educational body), and the Grove of Universal Learning (a supporting body for

education and research). Programs at the School of Global Environmental Studies include the Doctoral Program in Global Environmental Studies, which is designed to foster outstanding researchers responsible for the further development of the new field of global environmental studies, and the Master's and Doctoral Programs in Environmental Management, designed to foster outstanding experts who are capable of dealing academically and practically with environmental issues at both global and local levels.

www.ges.kyotou.ac.jp/cyp/modules/contents/index.php/index.html

... a multidisciplinary approach
and a system of individual
consultation for students.



SCHOOL OF GOVERNMENT

Our aims are to broaden our students' vision and nurture a profound insight while delivering the practical skills needed to respond appropriately to current policy challenges. Students will cultivate their intellectual capacity to tackle social changes, through the inculcation of theoretical knowledge and historical perspective. We also aim to develop a sound sense of judgment to grasp the true public interest, a mastery of institutional design and effective policy execution, and the ability to evaluate policies and systems rationally.

In order to achieve our objectives, we facilitate a multidisciplinary approach and a system of individual consultation for students. The program consists of a combination of specializations, including law, political science, economics, and business administration. We provide a systematic range of courses for students, covering the introductory and foundation courses, designed to accumulate sufficient knowledge for future professionals in public policy. Three further clusters (Policy Analysis and Evaluation, Interorganizational Management, and Global Governance) train students' competence as specialists. All courses are taught by leading academics and working professionals in the field. Individual consultation is welcomed by the academic counselor and career advisor assigned to each student.

www.sg.kyoto-u.ac.jp

GRADUATE SCHOOL OF MANAGEMENT

Graduate School of Management offers a comprehensive array of courses and workshops in business and management subjects at highly practical yet intellectually challenging levels. The school provides the latest international knowledge in such critical topics as strategy and organization; entrepreneurship; finance and accounting; service innovation; financial risk management; and project and operation management. Courses in such basic subjects are presented at different levels from basic introductory classes to advanced theoretical ones. Several of the significant courses are conducted in English as a communication language.

Students are encouraged to organize their own study programs depending upon the orientations in and preferences for their future career. The first year should mostly be devoted to the general study of a core curriculum that the school has formulated for each one of the majors. The second year should be more flexible in terms of the time allocation among course works, research workshops, and internships and other extra-curricular activities. By the time students complete the two intensive years at the school, they are well prepared to venture into the competitive world of business and management.

www.gsm.kyoto-u.ac.jp/en/

LAW SCHOOL

The Law School Program is a professional graduate program established in 2004 to educate and train future professionals in legal practice, the judiciary, government and other public services. It provides theoretical knowledge, practical legal skills and professional ethics essential to law practice. This program is geared toward the National Bar Examination. The program does not offer any research degree or other advanced degree besides a J.D. degree.

lawschool.law.kyoto-u.ac.jp (Japanese only)

SCHOOL OF PUBLIC HEALTH

In the year 2000, the Kyoto University School of Public Health (SPH) was established as the first of its kind in Japan and was integrated into the Graduate School of Medicine. This was in response to new requirements and opportunities in the fields of hygiene, patient care, epidemiology, welfare, ethics, and so on. The SPH consists of courses for a Master of Public Health (MPH) and for a Doctor of Public Health (DPH). The former was reorganized in 2003, as *Senmonshoku-Daigakuin*, a professional graduate school program. This course is for those who expect to become specialists or research and teaching professors in the fields of health care and welfare, after acquiring the knowledge, techniques, and attitudes to explore, evaluate, analyze and resolve the issues concerning the health of people within their social environments. We welcome highly-motivated freshly graduated and/or students with work experience in wide-ranging backgrounds such as medicine, the natural sciences and humanities.

www.pbh.med.kyoto-u.ac.jp/english



(opposite page)

Left: Courtyard, School of Economics.

Right: Sansai Gakurin, Graduate School of
Global Environmental Studies.