





京都大学

KYOTO UNIVERSITY

Program for Leading Graduate Schools, MEXT In the multidisciplinary field of Safety and Security

"Leading Graduate School (Super Doctor)" Educational Program in Global Survivability Studies

Program characteristics

In recent years, our global society has been experiencing a surge of large-scale natural disasters, sudden man-made disasters and accidents, growing regional environmental changes such as environmental degradation and infectious diseases, food security issues. In this program, 9 graduate schools and 3 research institutes from Kyoto University join forces to develop a new multidisciplinary field called Global Survivability Studies (GSS), and develop global experts who can contribute to social safety and security.

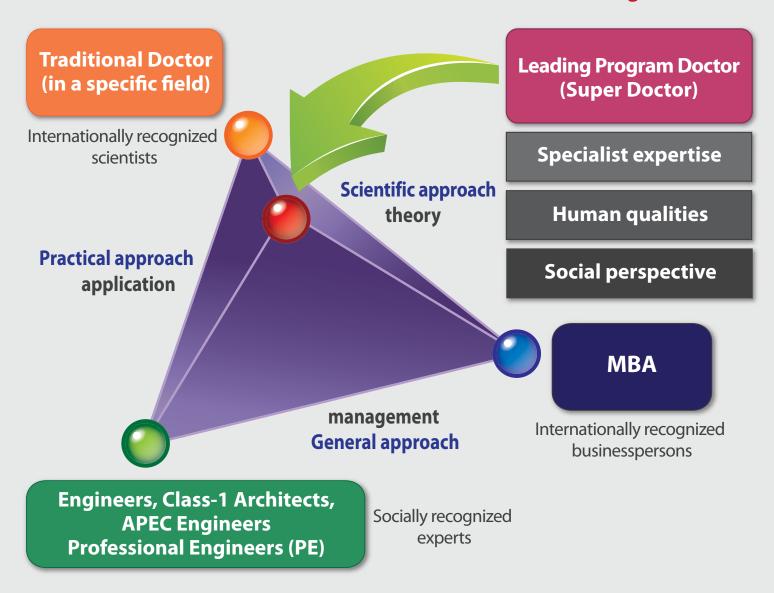


This 5-year graduate program provides an innovative multidisciplinary education in Global Survivability Studies in the field of Safety and Security, opportunities for international and real-world experiences, and develops the future experts of our global society.

What is a Leading Doctor (Super Doctor)?

- 1) A person filled with the sense of mission and ethics necessary to overcome the many crisis humanity is facing, and to enrich human society and contribute to its well-being.
- 2) A person equipped with sound judgment and energy, able to implement appropriate measures based on their own specific expertise, and on a wide vision and a broad-based knowledge.

The Global Survivability Program provides a hands-on graduate education, based on Case Method (CM) and Problem Based Learning (PBL)



This program aims at producing:

- Academic leaders active in the field of social / safety system science, as high-level researchers and educators.
- · Leaders in the field of international crisis management, active on the global scene, in international organizations.
- Leaders in the industry able to appropriately address disasters, accidents and economic crisis, providing a stable and consistent business management.
- Leaders at the local and national level who exercise their leadership in policy making regarding food, resources and energy safety.
- Science communicators who convey correct information based on their scientific knowledge, limiting public anxiety.
- New business leaders who develop new technologies and methodologies in the field of safety and security.

Scope of Global Survivability Studies in the field of

LARGE-SCALE NATURAL DISASTERS & CATAS-TROPHES

extreme weather, water disasters, earthquakes, volcanoes, tsunami, etc. MAN-MADE DISASTERS & ACCIDENTS

> large-scale accidents, fires, nuclear disasters, etc.

REGIONAL ENVIRON-MENTAL CHANGES & SOCIAL INSTABILITY

infectious diseases, pollution, aging society, etc. FOOD SECURITY

self-sufficiency, population issues, agriculture policy, etc. **Understanding of**

Prevention and

Human adaptabili (medical and men

Social adaptability (economy, public

Global Survivability Studies Program (GSS) 5-year

5-year Doctoral Program

L1

L2

L3

Academic research (graduate school)

Leading Graduate School

Global Survivability Studies
Program
(GSS)

Students selected from participating graduate schools

Course work

Master thesis or Preliminary doctoral thesis: research & writing

General seminar

Students are expected to understand the objectives and content of Global Survivability Studies, and their abilities and fit to the Program are evaluated. GSS classes

Field training

Internship

Interdisciplinary seminar

International school

Industry/university cooperation project (I), (II)

International collaboration project

Qualifying Examination

How to enroll in the Global Survivability Studies Program (GSS)?

Students who have graduated from a Japanese university (4-year undergraduate program), or who have an equivalent qualification, and who are enrolled in any of the graduate schools and departments involved in the program can apply. Nationality, gender and age

Qualification

(Selection)

Safety and Security

the mechanisms of natural and social phenomena

resilience based on scientific knowledge

tal care, psychology, life-style, rehabilitation)

policies, area studies, restoration and recovery)



curriculum flow

L4

L5

Doctoral thesis research (surveys • experiments • analysis)

Doctoral thesis writing

(compulsory, optional, compulsory optional) in English

Students get hands-on experience in the field through short/long term stay

Students experience international education and discussion as interns or intern educators

Held by several professors from different fields, providing ongoing interdisciplinary education

Through participation in collaborative projects with industries, governmental organizations and overseas universities, students gain international and real-world experience

Kyoto University Doctoral Degree (specific discipline)

Global Survivability
Studies Program
certification

or

Kyoto University Doctoral degree (Ph.D.)

Specialist expertise

Human qualities

Social perspective

Strict and objective evaluation of students' level

Final screening and certification

are no object. The first semester (April to September) of the first academic year is set as the Global Survivability Studies (GSS) Preparatory Course, during which applicants will attend the classes as program candidates. They will then be evaluated for admission and those selected will be officially registered as program students from October of the same year, and attend the course classes. Fellowships and research grants are available, in order to allow students to focus solely on their studies and research.



Graduate School of Education

Graduate School of Economics

Graduate School of Science

Graduate School of Medicine

Graduate School of Engineering

Graduate School of Agriculture

Graduate School of Asian and African Area Studies

Graduate School of Informatics

Graduate School of Global Environmental Studies

Disaster Prevention Research Institute

Research Institute for Sustainable Humanosphere

Center for Southeast Asian Studies

GSS
Global Survivability Studies

Graduate schools and Research Institutes involved in the Inter-Graduate School Unit for Sustainable Development and Survivable Societies

All departments (Department of Education, Department of Clinical Education)

Department of Economics

Division of Earth and Planetary Sciences

Department of Medicine and Medical Science, School of Public Health

Department of Civil and Earth Resources Engineering, Department of Urban Management, Department of Environmental Engineering, Department of Architectural Engineering, Department of Mechanical Engineering and Science

All departments (Division of Agronomy and Horticultural Science, Division of Forest and Biomaterials Science, Division of Applied Life Sciences, Division of Applied Biosciences, Division of Environmental Science and Technology, Division of Natural Resource Economics, Division of Food Science and Biotechnology)

All departments (Division of Southeast Asian Area Studies, Division of African Area Studies, Division of Global Area Studies)

Department of Social Informatics, Department of Communications and Computer Engineering

All departments (Doctorate Program in Global Environmental Studies, Doctorate Program in Environmental Management)

About the Program for Leading Graduate Schools

The Program for Leading Graduate Schools aims at mentoring talented students into future leaders, armed with a broad view and creative thinking, active globally in industry, academia and government. In order to do so, the Program for Leading Graduate Schools mobilizes high-level educators and students and the participation of industry, academia and government, supports a radical reform of graduate education that develops interdisciplinary world-class 5-year graduate programs, and promotes the development of graduate schools befitting their status of highest educational institution. (From the application guidelines for the Program for Leading Graduate Schools, 2011)

Contact

Kyoto University

Center for the Promotion of Interdisciplinary Education and Research Inter-Graduate School Unit for Sustainable Development and Survivable Societies

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