

Graduate School of Societal Safety Sciences

Admissions Policy

The Graduate School of Societal Safety Sciences aims to advance the studies on Societal Safety Sciences and to foster the researchers who contribute to develop the said studies and make proposals through interdisciplinary studies on disaster prevention and reduction, in order to build a safer, more secure and disaster-resistant society. Therefore, we want to accept graduates of various academic fields of cultural, social, and natural sciences who are eager to work the said studies from many domestic and overseas university and graduate schools, not speak of our Faculty of Societal Safety Sciences. We also accept applicants who work now at many public and private sectors and have a will to study. Recurrent programs for the professions are provided as well. Japanese studies on disaster prevention and reduction are in the forefront in the world. Overseas applicants are willingly accepted.

Master's Degree Program

Major	Enrollment Capacity
Disaster Prevention and Reduction Major	15

Every lecture shall be done in Japanese, but you can present your master's thesis in English.

*The Graduate School of Societal Safety Sciences has not established separate enrollment capacity for each type of entrance examination.

Ph.D. Degree Program

Major	Enrollment Capacity
Disaster Prevention and Reduction Major	5

Generally almost all lectures shall be done in Japanese.

However there are a few lectures you can take in English.

So please take advice from your tutor before applying.

E-mail: safety_science@ml.kandai.jp

You can present your doctoral thesis in English.

*The Graduate School of Societal Safety Sciences has not established separate enrollment capacity for each type of entrance examination.

M. Entrance examination for international students (Master's Degree Program) (for October and February applications)

1. Qualification

Applicants shall satisfy one of the following (1)~(5) conditions:

(including applicants who are expected to satisfy one of the following (1)~(4) conditions before enrolling at the Graduate School.)

- (1) Applicants who have completed a regular 16-year program of school education outside Japan*¹.
- (2) Applicants who have graduated from Japanese universities as international students.
- (3) Persons who have completed a 3-year program or a program of more than 3 years and have been awarded a degree by an overseas university or school*² which is recognized as being equivalent to a bachelor's degree.

(the 2016 ordinance of the Ministry of Education, Culture, Sports, Science and Technology, No. 19)

- (4) Applicants who have completed Specialized Course at Japanese special training schools after the designated date by the minister of MEXT[†] as international students. The training schools must satisfy the conditions designated by MEXT including that the length of term required for graduation be at least four years.

[†] MEXT; Japanese Ministry of Education, Culture, Sports, Science and Technology

- (5) Applicants who are recognized as having scholastic abilities equivalent or superior to the graduates of university through Qualification Screening for Entrance Examination of the Graduate School. (This requirement shall not apply to the foreigners who are recognized as having received Japanese regular school education program.)

Note;

- *1 Those enrolled in the following schools are considered to be the same as application qualification (1), as long as the period is less than four years in total.

- Elementary school, junior high school, high school etc. based on Japanese school education law
- Foreign school in Japan
- Overseas educational facilities accredited or designated by the Minister of Education, Culture, Sports, Science and Technology

- *2 The university or the school shall be evaluated by an organization approved by a relevant official institution in the country for their education and research activities or recognized as so by the Minister of Education, Culture, Sports, Science and Technology.

[IMPORTANT] Notes regarding Qualification Screening for Entrance Examination

1. Subjects: Applicants under condition (5)
2. Application procedures and deadline: Refer to 'II To be recognized before application' (in the separate file "Common Items of all Graduate Schools" p.3).
 - Note 1. Graduates (or those expected to graduate) from less than 16-year program of school education can also apply. In this case, please inquire to the Muse Office by the submission deadline of the documents required for the screening as soon as possible.
 - Note 2. Applicants who have received (or are expected to receive) the degrees in their home countries equivalent to those of Japanese universities can also apply. In this case, please inquire to the Muse office as soon as possible.

2. Application documents

After you have paid the application fee of ¥35,000, submit the documents listed below.

Review “Cautionary note concerning” published in the separate file “Common Items of all Graduate Schools” on page 10-11, and carefully check your application documents for errors before submitting them.

Please clearly note the document number at the bottom right of each application document based on ‘the application document list (Check List)’. Please submit Check List as well as the application documents.

Document to be submitted (document number)	Remarks
Application form (for submission) (1)	Print out and submit after finalizing your online application.
Statement of reason for applying (in Japanese) (2)	Use the form designated by the University.
Original transcript from all universities and / or other institutions previously attended, or a notarized document certifying courses and grades (3)	If you have transferred from another university to your current university, submit transcripts from all previous universities and other institutions as well. Submit original transcripts or transcripts that have been notarized by an embassy or other public institutions.
Original certificate of (expected) graduation from previously attended universities and / or other institutions, or a notarized document certifying (expected) graduation (4)	This document does not need to be submitted if your transcript indicates or certifies that you have graduated, or that you expect to graduate. Submit an original certificate of (expected) graduation, or a certificate of (expected) graduation that has been notarized by an embassy or other public institutions. You must submit an official certificate of (expected) graduation.
Research plan (in Japanese) (5)	Draft an overview of your proposed research plan of about 1,000 words in length on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page). Submit one original and three copies.
Copy of resident card or passport (10)	For a resident card, submit a copy showing both sides. For a passport, submit a copy of pages showing your name, date of birth, photograph, expiration date, residence status, and the most recent period of stay.
Two photographs	Affix a photograph taken within the last three months to application form (for submission) and to the statement of reason for applying. (The photograph affixed to your application form will be used on the student ID issued after enrollment, should you be admitted.)

Submit your transcript or certificate of (expected) graduation on which both of the entrance and (expected) graduation dates are listed.

- * If you have any questions about the application documents, please make sure to contact the Muse Office before the starting date of the online application, at the earliest possible time.

3. Screening method

The Graduate School will determine whether or not to admit applicants based on a comprehensive evaluation of written examination and oral examination.

4. Examination Components

Written Examination	Oral Examination
Specialized subject	
10:00 am to 10:45 am (45 minutes)	Held after the written examination

Note; More information about the oral examination will be provided on the day of the written examination.

5. Examination details and allocation of points

Written Examination (Specialized subject) (100 points)	Oral Examination (100 points)
Basic question about social science concerning disaster prevention and reduction or basic question about natural science (select 1 question, written) Questions will be set from 'Guidebook of Societal Safety Sciences' (published by MINERVA SHOBO).	You will be asked about the following points: (1) Basic knowledge on the specialist subject (2) Research topic and methods after enrollment (3) Details of previous research

Graduate School of Societal Safety Sciences; List of Seminar, Thesis Tutor, and Academic Advisors 2020
(Master's Degree Program)

Disaster Prevention and Reduction

Theme	Academic advisors			Contents	Code Number
Science/Engineering-system Group					
Seismic performance evaluation and seismic design	Professor	ICHII, Koji	Doctor of Engineering (Kyoto University)	Evaluation of the seismic performance of structures and performance-based seismic design are key issues to mitigate earthquake disaster. Both field measurements and numerical analysis are fundamental approaches to consider these issues. In this lecture, students will learn the skills of measurement and analysis, and discuss the most appropriate solutions to the problem from the viewpoints of performance and costs. Application of recent technologies to the problems will be also discussed.	75550
Simulation of Accidents	Professor	KAWAGUCHI, Toshihiro	Ph.D. in Engineering (Osaka University)	The risk of crowd accidents should be taken into account at any place where many will likely gather. The detailed analysis of crowd accidents is not very easy since the experimental studies of such accidents are too dangerous. Therefore, numerical simulations can be a powerful tool for the analysis of crowd accidents. The mechanisms that lead to the development of crowd accidents and/or the spatial distribution of the forces acting on people in such situations are analyzed to obtain the valuable knowledge for prevention of crowd accidents.	70554
Urban Disaster Mitigation	Professor	KOSHIYAMA, Kenji	Doctor of Philosophy in Engineering (Kobe University)	Urbanization increases the complexity of the relationship between urban areas and disasters. Therefore, we must develop more sophisticated countermeasures for disaster mitigation in urban areas. This seminar's research focuses on the use of urban planning and community design technology for reducing urban natural and social risks. The theory of urban disaster mitigation from past experiences such as the recovery and reconstruction of cities is important for predicting future problems in urban disaster mitigation. These researches will use a multidisciplinary approach that includes both the natural and social sciences.	70555
Hydrosphere Disaster	Professor	※TAKAHASHI, Tomoyuki	Doctor of Engineering (Tohoku University)	Many hydrosphere disasters have occurred in the last decade, such as the Tohoku Tsunami in 2011, the Indian Ocean Tsunami in 2004, and Hurricane Katrina in 2005. This research field focuses on predicting mechanisms of hazards and disaster mitigation measures. Research methods will include numerical modeling, remote sensing, field investigation and hydrodynamic experiments. The research aims also include facilitating the development of problem-solving skills in other disciplines.	70553

Seismology and Earthquake Disaster Reduction	Professor	HAYASHI, Yoshinari	Doctor of Science (The University of Tokyo)	Seismological research and applied research for earthquake disaster reduction are major topic of this lecture. The main research method is seismological wave analysis that includes hypocenter determination, source mechanism estimation and source process analysis. We can use many seismic records of strong motion, high sensitivity signals, and broadband instrumentation from the data center. The purpose of this lecture is the quantitative modeling of natural hazards using recorded data.	70872
Mathematical Programming Approaches to Risk Management	Professor	YAMAKAWA, Eiki	Doctor of Engineering (Kyoto University)	Mathematical programming is one of the most systematic methodologies for solving various decision-making problems. In order to formulate real world phenomena complicated by uncertainty such as machine failure, accidents and natural disasters, we need to incorporate the theory of probability and statistical analysis into mathematical programming. In this research field, we reformulate stochastic models in which uncertainty is represented as random variables into deterministic models with various scenarios, and develop optimization algorithms to solve resulting large scale mathematical programming problems exactly and efficiently.	61607
Integrated Disaster Reduction	Associate Professor	OKUMURA, Yoshihiro	PhD in Informatics (Kyoto University)	A Mega disaster is a big threat to the sustainable society. In Japan, Nankai Trough Earthquake, Tokyo Metropolitan Earthquake and Super Typhoon have been assumed to occur in the near future, resulting in 1,000 or more people dead or missing. This seminar aims to minimize such a future mega disaster from the integrated disaster reduction approach, combining natural science and social science. Implementation research is conducted in the actual society, in addition to theoretical research and analytical research based on the civil engineering.	70838
Information Security	Associate Professor	KONO, Kazuhiro	Ph.D. in Engineering (Osaka University)	Achieving the protection of personal and privacy information is one of the most important issues in the real or digital world. We investigate and develop a method for protecting and utilizing personal and privacy information for the viewpoint of information technology. We discuss technologies for guaranteeing anonymity on the Internet represented by anonymous communication, K-anonymity and differential privacy. We also establish a system that satisfies both protection and utilization of information. In addition, we perform programming and numerical experiments in order to confirm the availability of our system.	70560

Geodisaster	Associate Professor	KOYAMA, Tomofumi	Ph. D Land and Water Resources Science (Royal Institute of Technology, KTH, Sweden)	Numerous geodisasters such as landslides and slope failures caused by earthquakes and rain are occurring worldwide, and they are exhibiting increased scale and changing characteristics in recent years in the wake of extreme weather events caused by climate change, major earthquakes, and other phenomena. Through broadranging research, we are seeking to elucidate the mechanisms behind such geodisasters and to establish technologies for their prevention and mitigation. While quantitative analysis forms the central thrust of our methodology, we employ a multifaceted approach that combines experimentation, measurement, monitoring, and other techniques. The course seeks to foster practical problem-solving skills through a series of research activities, thereby preparing students to play a leading role in international society.	69845
Social-system Group					
Public Utilities	Professor	ABE, Seiji		This seminar focuses on the following topics: current topics in the field of public utilities, the accident investigation system for prevention of recurrence, and the safety management in the transport sector. It is very important for students in the masters program to write a master's thesis. In this seminar, many documents are read by taking turns to support the students study activities. Students' oral presentations will be conducted in the seminar. Teaching and supervision are conducted in Japanese.	93401
Risk Management	Professor	※KAMEI, Katsuyuki	Ph.D in Commerce (Osaka City University)	In modern society, facing with complicated and socialized risk, it is necessary to carry out social risk management approach. In this course, we try to study the general principle of organizational risk management and its practice from a viewpoint of social risk management. The topics addressed in the seminar include (1) contemporary risk control and risk finance, (2) organization of risk management, (3) risk information disclosure as a means of risk communication, (4) strategy and risk management, (5) leadership and crisis management, (6) SME and risk management, and (7) safety for school and children risk management, etc.	94732
Public health management	Professor	TAKATORIGE, Toshio	Ph.D. in Medicine (Osaka University)	Our focus is on infectious disease, food poisoning, food-related accidents, environmental pollution, drug misuse, violence, and others. Many events can endanger the health and safety of the public. When a huge disaster happens, how we support those affected is also an important research topic. As public health is a multidisciplinary science and practices for population health depends on both the central and local public agencies, it is important to understand the health and social welfare system, and to conduct a comparative study of the public health system in Japan to other countries. The case studies of epidemics and food-related accidents etc. are the main research issues.	70552

Business Law	Professor	TAKANO, Kazuhiko	Doctor of Philosophy in Laws (Chuo University)	While enterprises in Japan have witnessed significant change in their legal systems and social environment, they are not dealing with these changes very well, thereby contributing to frequent corporate scandals. It can be said that corporate legal knowledge and awareness of compliance are absolutely essential qualities for a successful modern entrepreneur. The research field focusing on business law aims to contribute a practical approach to business ethics, CSR-required business judgment as well as corporate governance, the legal system of internal control, information law, M&A and various other fields including contract law on alliances. Studies based on actual cases and lawsuits will be used.	70557
Disaster Prevention Administration	Professor	NAGATA, Shozo		For coping with disasters, self-help, mutual-help and public assistance are often mentioned. For the situations that cannot be dealt with at a personal, regional, or community level, the public sector has to be involved. Thus the administration and politicians are expected to play large roles. What kinds of systems should be created and what kinds of administrative management should be exercised in order to maximize the function of the administration in dealing with disasters? And what kinds of policies should be implemented in order to improve effectiveness? And how should politics address a crisis? Research guidance will be provided from the perspectives of public administration, public policy and political science. Field work and debates will be conducted as needed.	70549
Economic Analysis of Disasters and Public Policy	Professor	NAGAMATSU, Shingo	Doctor of International Public Policy (Osaka University)	This seminar will focus on the use of public policy to address safety and security issues that threaten human lives and social economic activities, such as natural disasters, manmade accidents, terrorism, health risks from chemicals, pandemics, and suicide. Students are expected to think and work from economic point of view, and also expected to have a compassionate heart, an accurate knowledge of scientific facts and policy practices, and a analytical mind to study policies under economic and public policy theory.	70558
Transport Studies	Professor	NISHIMURA, Hiroshi	Doctor of Philosophy in Commerce (Osaka City University)	Transportation is very important in modern society. Development of traffic flow has improved the convenience of our life. But it also causes various problems such as traffic accidents or pollution. Transportation has both good and bad aspects. This seminar focuses on why transportation has such aspects, what promotes a positive aspect, and what kind of approach is need to decrease a negative aspect. We investigate transportation policy to solve problems. Teaching and supervision are conducted in Japanese.	68937

Policy and Law	Professor	YAMASAKI, Eiichi	Doctor of Informatics (Kyoto University)	<p>Ensuring safety and security are the primary responsibility of national and local governments, which administer a variety of regulations, benefits, and services to do so. The legal system provides the basis for such activities, and in this course we will pursue research focusing on administrative law.</p> <p>Our efforts must go beyond simply explaining the legal system and assessing its status quo as we are required to discover problems with the design and implementation of laws based on that explanation and assessment and then study solutions to those problems in a calm and reflective manner. We will define the problem domain broadly to include not only natural disasters, which is my area of expertise, but also manmade disasters.</p>	74019
Insurance Science	Associate Professor	KUWANA, Kinzo	Doctor of Philosophy in Environmental Studies (Sophia University)	<p>Insurance has the institutional function of improving social welfare through disaster prevention and mitigation. In addition, contemporary society is characterized by policy measures that utilize various types of insurance (automobile liability insurance, earthquake insurance, nuclear energy insurance, etc.), and policymakers have been studying use of global warming insurance in recent years as a way to facilitate adaptation in response to the issue of global warming.</p> <p>My lab is exploring new schemes through analysis that focuses on the economic functions of policies that utilize such insurance. Naturally, this analysis also focuses on effective use of insurance in a business management context. I target specific examples and offer a practical explanation of the functions of insurance.</p>	74016
Disaster Informatics	Associate Professor	KONDO, Seiji	Doctor of Informatics (Kyoto University)	<p>In order to create the ideal relation of disaster information and media system, the approach of action research will practice based on human sciences. How the optimum transmission system of early warning should be constructed? How information of reconstruction support should be shared in the affected area? How risk communication of should be designed in all phase of disaster risk reduction? In the wide range of research from local to worldwide media systems, the way to solve a variety of problems on disaster information will be investigated.</p>	74014

Human-system Group					
Psychology of Risks	Professor	TSUCHIDA, Shoji		Theories in social psychology, such as attitude structure, emotion, social cognition, self-concept, interpersonal relations, communication, group dynamics, and collective behaviors are applied to field cases and studied as researches of (1) risk perception, (2) risk communication, and (3) psychological processes in crisis. The field cases, for example, are public acceptance/rejection and consensus formation processes of science/technology (EMF, nuclear, GMO, etc.), the social psychological responses to disasters and crises (earthquake, tsunami, severe accident, etc.).	97501
Human Errors	Professor	NAKAMURA, Takahiro	Ph.D. (Osaka University)	In order to secure our social safety, various measures are prepared, and various systems are planned and maintained. On the other hand, it is often pointed out that it has a close connection between the behavior of human and the causes of the disaster. In this class, the relations of human errors and the causes of the disaster are examined while referring to past cases and early research. In addition, effective and practical measures are examined to prevent disasters and accidents.	70559
Disaster Psychology	Professor	MOTOYOSHI, Tadahiro	Ph.D. in Educational Psychology (Nagoya University)	In order to effectively communicate risk to the public and to build a sustainable society, we need to know something about how people perceive and react to risk and what kind of information and social systems are appropriate. Social psychological approaches and/or Socio-technological approaches provide a very useful perspective to solve these challenging problems. Research topics include attitude toward disaster risk, community-based disaster prevention, human behavior in evacuation, supporting disaster victims, risk management issues at school and safety for children.	70550
Accident Investigation	Associate Professor	OKAMOTO, Makiko	Ph.D in Human Science (Waseda University)	When an accident occurs, investigate the cause of the accident to prevent recurrence and pursue legal responsibility of the parties. In this exercise, topics are the design of the accident investigation system, the relationship between accident investigation and pursuit of legal responsibility, and the mechanism of occurrence of human error which is the main cause of the accident. Students are required to select research themes of interest from these fields, study and examine them, and deepen their understanding through discussion at the exercise.	76003

Education for Disaster Risk Reduction	Associate Professor	SHIROSHITA, Hideyuki	PhD in Informatics (Kyoto University)	Students are expected to challenge the fundamental questions of safety science such as what disaster management is and how security and safety are defined. The instructor does not take the perspective that disaster education is just knowledge transmission from the experts on DRR to lay people. A theoretical framework which challenges to overcome so-called individual capability must be constructed by the students. Based on the rationale the students are required to do an action research on DRR to improve their theoretical framework.	70561
Theory of Disaster Recovery and Revitalization	Associate Professor	SUGA, Mashiho	Doctor of Philosophy (Kobe University)	Based on the sociological theories and methods, this research focuses on the process of which individuals and groups recover from the damage by disasters. By using case studies, we will focus on how the vulnerabilities and resiliencies in society multiply or mitigate damage. Our research topics are, for example, evacuation and livelihood recovery of individuals and communities from the nuclear power plant disaster or the Tsunami after the Great East Japan Earthquake.	70556

D. Entrance examination for international students (Ph.D. Degree Program) (for October and February applications)

1. Qualification

Applicants shall satisfy one of the following (1)~(5) conditions:

(including applicants who are expected to satisfy one of the following (1)~(3) conditions before enrolling at the Graduate School.)

- (1) Applicants who have received a master's or professional degree at the graduate schools outside Japan.
- (2) Applicants who have received a master's or professional degree from Japanese graduate schools as international students.
- (3) Applicants who have completed programs and received degrees equivalent to a master's degrees from the United Nations University*.

*United Nations University; established by the resolution of the General Assembly of the United Nations on December 11, 1972, as stipulated in Article 1 Paragraph 2 of the Act on Special Measures incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University.

- (4) Applicants designated by the minister of MEXT†. (Bulletin No. 118 of 1989)
† MEXT; Japanese Ministry of Education, Culture, Sports, Science and Technology
- (5) Applicants who are recognized as having degrees equivalent or superior to a master's degree by our graduate school and have reached the age of 24 (before enrolling at the Graduate School). This requirement shall not apply to the foreigners who are recognized as having received Japanese regular school education program.

[IMPORTANT] Notes regarding Qualification Screening for Entrance Examination

1. Subjects: Applicants under condition (4) or (5)
2. Application procedures and deadline: Refer to 'II To be recognized before application' (in the separate file "Common Items of all Graduate Schools" p.3).

2. Application documents

After you have paid the application fee of ¥35,000, submit the documents listed below.

Review “Cautionary note concerning” published in the separate file “Common Items of all Graduate Schools” on page 10-11, and carefully check your application documents for errors before submitting them.

Please clearly note the document number at the bottom right of each application document based on ‘the application document list (Check List)’. Please submit Check List as well as the application documents.

Document to be submitted (document number)	Remarks
Documents to be submitted by all applicants	
Application form (for submission) (1)	Print out and submit after finalizing your online application.
Statement of reason for applying in Japanese or English (2)	Use the form designated by the University.
Original transcript from previously attended graduate school, or a notarized document certifying courses and grades (3)	Submit original transcripts or transcripts that have been notarized by an embassy or other public institutions.
Original certificate of (expected) graduation from previously attended graduate school, or a notarized document certifying (expected) graduation (4)	This document does not need to be submitted if your transcript indicates or certifies that you have graduated, or that you expect to graduate. Submit an original certificate of (expected) graduation, or a certificate of (expected) graduation that has been notarized by an embassy or other public institutions.
Ph.D. Degree Program research plan in Japanese or English (5)	About 2,000 words in length on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page). Submit one original and three copies.
Copy of resident card or passport (12)	For a resident card, submit a copy showing both sides. For a passport, submit a copy of pages showing your name, date of birth, photograph, expiration date, residence status, and the most recent period of stay.
Two photographs	Affix a photograph taken within the last three months to the application form (for submission) and to the statement of reason for applying. (The photograph affixed to your application form will be used on the student ID issued after enrollment, should you be admitted.)
Applicants who are eligible under exam qualification (1) to (3) above and have already submitted a master's thesis	
Outline of master's thesis in Japanese or English (6)	About 2,000 words in length on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page). Submit one original and three copies.
Copy of master's thesis (7)	4 copies
Research results (9)	A reprint or copy of any academic articles, conference presentations, research reports or any other research papers. For documents that can be submitted, submit 4 copies.
Applicants who are eligible under exam qualification (1) to (3) above and expect to submit a master's thesis	
Outline of thesis intended to be submitted as master's thesis in Japanese or English (6)	About 2,000 words in length on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page). Submit one original and three copies.

Document to be submitted (document number)	Remarks
Research results (9)	A reprint or copy of any academic articles, conference presentations, research reports or any other research papers. For documents that can be submitted, submit 4 copies.
Applicants who are eligible under condition (4) or (5) above and those with a professional degree (or who are expected to obtain one) and have not written a master's thesis	
Results report in Japanese or English (8)	Draft an overview of your research results or your research activities of about 2,000 words in length on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page). Submit one original and three copies.
Research results (9)	4 reprints or copies each of academic articles, conference presentations, research reports and any other research papers prepared on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page).

Submit your transcript or certificate of (expected) graduation on which both of the entrance and (expected) graduation dates are listed.

- * If you have any questions about the application documents, please make sure to contact the Muse Office before the starting date of the online application, at the earliest possible time.

3. Screening method

The Graduate School will determine whether or not to admit applicants based on a comprehensive evaluation of written examination and oral examination.

4. Examination Components, examination time and allocation of points

Written Examination		Oral Examination (100 points)
Specialized subject (100 points)	Foreign language (English) (100 points)	
10:00 am to 11:30 am (90 minutes)	1:00 pm to 2:30 pm (90 minutes)	Held after the written examination

Note; More information about the oral examination will be provided on the day of the written examination.

**Graduate School of Societal Safety Sciences; List of Major Subject and Academic Advisors 2020
(Ph.D. Degree Program)**

Major Subject and Academic Advisors			
Public Utilities and Safety Management	Professor		ABE, Seiji
Seismic Engineering	Professor	Doctor of Engineering (Kyoto University)	ICHHI, Koji
Risk Management	Professor	Ph.D in Commerce (Osaka City University)	※KAMEI, Katsuyuki
Safety of Crowd	Professor	Ph.D. in Engineering (Osaka University)	KAWAGUCHI, Toshihiro
Urban Disaster Reduction Planning	Professor	Doctor of Philosophy in Engineering (Kobe University)	KOSHIYAMA, Kenji
Public health science	Professor	Ph.D. in Medicine (Osaka University)	TAKATORIGE, Toshio
Legal Systems for Social Safety (Private Law)	Professor	Doctor of Philosophy in Laws (Chuo University)	TAKANO, Kazuhiko
Hydrosphere Disaster Mitigation	Professor	Doctor of Engineering (Tohoku University)	※TAKAHASHI, Tomoyuki
Psychology of Social Safety	Professor		TSUCHIDA, Shoji
Economics of Societal Safety	Professor	Doctor of International Public Policy (Osaka University)	NAGAMATSU, Shingo
Human Errors	Professor	(Osaka University)	NAKAMURA, Takahiro
Transport Studies	Professor	Doctor of Philosophy in Commerce (Osaka City University)	NISHIMURA, Hiroshi
Legal Systems for Social Safety (Public Law)	Professor	Doctor of Informatics (Kyoto University)	YAMASAKI, Eiichi
Geo-disaster Research	Associate Professor	Ph. D Land and Water Resources Science (Royal Institute of Technology, KTH, Sweden)	KOYAMA, Tomofumi