

Application Guide for Admission

Hiroshima University Graduate School Leader Education Program
Phoenix Leader Education Program (Hiroshima Initiative) for
Renaissance from Radiation Disaster

Enrollment October 2018

Radiation Disaster Medicine Course
Special Selection for Applicants from Hiroshima University

March 2018



HIROSHIMA UNIVERSITY

Overview

The Radiation Disaster Medicine Course will carry out a special selection for applicants from Hiroshima University with the aim of recruiting students who meet the admission policies listed below, who are believed to reach the targets set by the Radiation Disaster Medicine Course by studying in Hiroshima University Graduate School Leader Education Program "Phoenix Leader Education Program (Hiroshima Initiative) for Renaissance from Radiation Disaster," and who are expected to play active roles in medicine particularly in disaster situations.

The Program offers training and internship opportunities in international organizations. After completing the program, students are expected to work actively in international organizations, etc. as radiation disaster medicine experts with interdisciplinary perspectives and management skills.

O Graduate School Leader Education Program—Admission Policy

Hiroshima University has established interdisciplinary PhD programs covering multiple graduate schools, as part of its graduate school reform, to resolve the complex and pressing problems facing human beings and to contribute to global peace and continuous development. The program is designed to develop global leaders who can create innovative knowledge across disciplines.

O Phoenix Leader Education Program (Hiroshima Initiative) for Renaissance from Radiation Disaster—Admission Policy

Radiation disaster is a global problem that affects the entire world. To address this problem and ensure a renaissance from radiation disaster, we need individuals with interdisciplinary skills, global skills and management skills.

The program aims to nurture comprehensive interdisciplinary global leaders with basic knowledge of medicine, environmental studies, engineering, science, sociology, education and psychology who can manage radiation disaster recovery by "protecting human lives from radiation disasters," "protecting the environment from radioactivity" and "protecting children and society from radioactivity." Prospective applicants should include those:

- (1) who desire to contribute to social development with interdisciplinary knowledge and skills
- (2) who understand the suffering of others and desire to contribute to radiation disaster recovery
- (3) who desire to be leaders playing an active role in regional and global society
- (4) who have enthusiasm, determination, responsibility, and people skills

O Objectives of the Radiation Disaster Medicine Course—Personnel Protecting Human Lives from Radiation Disaster—

- Training to diagnose pathological conditions and treat power plant workers and others

affected by radiation

- Proper assessment of the effects of low dose radiation upon the general public
- Proper assessment of the effects of internal and external radiation exposure
- Proper assessment of the effects on unborn or small children hypersensitive to radiation and diagnosis/treatment as required
- Evaluation of the mechanism and risks of carcinogenesis and genetic damage caused by radiation
- Assessment of the psychological effects of stress caused by radioactive contamination and provision of care for mental health

As specified below, Hiroshima University seeks students who will enroll in the Graduate School Leader Education Program “Phoenix Leader Education Program (Hiroshima Initiative) for Renaissance from Radiation Disaster” in October 2018.

Admission Details

1. Number of Students to Be Admitted

Radiation Disaster Medicine Course (four-year course): Several students

2. Eligibility for Application

Those who have been admitted to the Biomedical Sciences Major of Hiroshima University Graduate School of Biomedical & Health Sciences in April 2018

3. Application Procedures

All applicants must refer to the program's website, consult their current advisors about the relevance of the program to the activities they wish to conduct, their research interests, etc., and gain the advisors' consent to their enrollment in the program.

Also, applicants must refer to “**7. List of Program Members**” and, if their current advisors are not Program Members, contact the Phoenix Leader Education Program Office, Hiroshima University, before carrying out the application procedures.

(1) Application period

The application period shall run from May 28 (Mon.), 2018 to June 7 (Thu.), 2018
with a deadline of 5:00 p.m.

Office hours are from 8:30 to 17:00 for application submissions.

(2) Application documents

	Document Name	Remarks
A	Application Form	Use a prescribed form.
B	Research Plan	Use a prescribed form.
C	Recommendation Letter	Submit a prescribed form filled out by your advisor.
D	Essays	Discuss topics for Essays 1 and 2 indicated on the prescribed form.
E	Score of English Proficiency Exam, etc.	Submit documents certifying your English proficiency, such as actual score results from English proficiency tests taken in April 2016 or thereafter. Scores from one of the following tests are recommended. (Applicants can submit more than one score.) *TOEIC Open Exam, *TOEIC-IP (including College TOEIC), *TOEFL-PBT, *TOEFL-iBT Documents must be issued by a public organization that implements English proficiency tests.

Prescribed forms can be downloaded from the website below:

(<http://phoenixprogramlp.hiroshima-u.ac.jp/en/admissions/>)

(3) Submission of application documents

(a) Submission method

By the end of the application period, submit the application documents in person or by post (use registered post or any other method that retains a delivery record), as a general rule. If you submit your application documents by post, write in red "Application for the Phoenix Leader Education Program" on the envelope. If you submit your application documents by attaching them to your email, submit at a later date original copies or certified photocopies of the originals. Your application will not be accepted if your application documents do not reach us by the end of the application period, or if your application documents are incomplete.

(b) Where to submit application documents (See "**6. Inquiries and Submission.**")

(4) Others

- The contents of the application documents may not be altered after submission.
- Submitted application documents will not be returned to applicants.
- Personal information (name, date of birth, gender, etc.) recorded on the application forms will be used only for the selection of applicants and notification of passing selections and enrollment procedures. Such personal information will not be used for any other purposes or be seen by anyone except the staff of the University. Subject to the conclusion of an agreement concerning the appropriate use of personal information, there may be cases where related tasks are entrusted to companies outside the University for the purpose of computer

processing.

4. Selection Method, etc.

(1) First selection (Examination of documents)

The first selection will be carried out based on the application documents submitted by applicants.

Applicants will be notified of the results of the first selection via email on **July 3 (Tue.)**, 2018.

(2) Second selection (Oral Examination)

Date: July 21 (Sat.), 2018

Venue: Hiroshima University Kasumi Campus (Hiroshima City)

At a venue specified by the University, applicants who have passed the first selection (examination of documents) will be given an oral examination to evaluate their basic scholastic ability, leadership quality, English proficiency, etc.

(3) Admission decision and evaluation criteria

(a) Admission decision

Based on the evaluation criteria, the admission decision will be made in a comprehensive manner considering the results of the examination of the documents, oral examinations, etc.

(b) Evaluation criteria

Scoring and evaluation will be made in a comprehensive manner considering the results of the examination of the documents, oral examinations and foreign language proficiency. In the selection process, applicants will be evaluated on a three-point scale with regard to such criteria as motivation toward the program, aptitude for the field of specialization in which they wish to study, and basic scholastic ability.

(4) Announcement of successful applicants

Announcement expected at 10:00 a.m., September 4 (Tue.), 2018

The announcement of successful applicants will be given on the website of the Phoenix Leader Education Program (Hiroshima Initiative) for Renaissance from Radiation Disaster(<http://phoenixprogramlp.hiroshima-u.ac.jp/en/admissions/>). The announcement will also be given by e-mail and by post to successful applicants. As a general rule, we will not answer telephone inquiries about selection results.

5. Financial Support for Students

We currently provide students of the program with financial support as mentioned in

(1) and (2). For details, see our program website

(<http://phoenixprogramlp.hiroshima-u.ac.jp/en/>).

(1) Providing a scholarship to students with excellent grades (LP Excellent Scholarship)

(2) Tuition waiver for PLEP students with excellent grades

Other expenses that may be necessary for students to conduct their studies will also be provided within the amount set by the program.

The above financial support (1) and (2) is as of April 1, 2018 and is subject to change.

6. Inquiries and Submission (If you have any questions about application, etc., contact the office below.)

Hiroshima University Phoenix Leader Education Program Office (located in the Student Support Group, Kasumi Campus)

1-2-3 Kasumi, Minami-ku, Hiroshima City, Hiroshima, Japan 734-8553

Tel: +81-(0)82-257-1635 E-mail: phoenix-program@office.hiroshima-u.ac.jp

If you send your inquiry by email, indicate your name and nature of the inquiry, such as "About application," in the subject box.

Phoenix Leader Education Program (Hiroshima Initiative) for Renaissance from the Radiation Disaster website (<http://phoenixprogramlp.hiroshima-u.ac.jp/en/>)

7. List of Program Members

All applicants must refer to the program's website, consult their current advisors about the relevance of the program to the activities they wish to conduct, their research interests, etc., and obtain the advisors' consent to their enrollment in the program.

If their current advisors are not Program Members, contact the Phoenix Leader Education Program Office, Hiroshima University, before carrying out the application procedures.

* The following list is (expected to be) effective as of April 1, 2018 and is subject to change.

List of Program Members

current as of April 1, 2018 (subject to change)

	Name	Specialty	Title, Organization, Graduate School
Radiation Disease Medicine Course	Kenji Kamiya (Program Director)	Radiation Damage Medicine, Radiation Biology	Vice President (Reconstruction Support/Radiation Medicine), Medical Policy Office, Professor (Special Appointment)
	Masao Kobayashi (Program Coordinator)	Pediatrics	Professor of Graduate School of Biomedical and Health Sciences
	Satoshi Tashiro (Course Leader)	Biochemistry, Molecular Biology	Professor of Research Institute for Radiation Biology and Medicine, the Division of Radiation Biology, Professor of Graduate School of Biomedical and Health Sciences
	Shinya Matsuura	Genetic Medicine, Radiation Biology	Professor of Research Institute for Radiation Biology and Medicine, Research Center for Radiation Genome Medicine, Professor of Graduate School of Biomedical and Health Sciences
	Toshiya Inaba	Hematology, Molecular Biology	Professor of Research Institute for Radiation Biology and Medicine, Research Center for Radiation Genome Medicine, Professor of Graduate School of Biomedical and Health Sciences
	Yukihito Higashi	Cardiovascular Internal Medicine	Professor of Research Institute for Radiation Biology and Medicine, Research Center for Radiation Genome Medicine, Professor of Graduate School of Biomedical and Health Sciences
	Nobuyuki Hirohashi	Emergency Medicine	Professor of Research Institute for Radiation Biology and Medicine, Research Center for Radiation Casualty Medicine, Professor of Graduate School of Biomedical and Health Sciences
	Hiroshi Yasuda	Radiological Protection, Dosimetry	Professor of Research Institute for Radiation Biology and Medicine, the Division of Radiation Biology, Professor of Graduate School of Biomedical and Health Sciences
	Yoshihiro Takihara	Hematology, Stem Cell Biology	Visiting Professor of Research Institute for Radiation Biology and Medicine
	Tetsuji Okamoto	Oral and Maxillofacial Surgery, Oral Medicine	Professor of Graduate School of Biomedical and Health Sciences
	Yasushi Nagata	Radiation Oncology	Professor of Graduate School of Biomedical and Health Sciences
	Kazuo Awai	Radiation Science, Diagnostic Imaging	Professor of Graduate School of Biomedical and Health Sciences
	Motoyuki Sugai	Microbiology	Professor of Graduate School of Biomedical and Health Sciences
	Wataru Yasui	Molecular Pathology, Tumor Pathology	Professor of Graduate School of Biomedical and Health Sciences
	Junko Tanaka	Hygiene, Public Health, Development of Disease Control	Professor of Graduate School of Biomedical and Health Sciences
	Kazuaki Chayama	Gastroenterology, Hepatology	Professor of Graduate School of Biomedical and Health Sciences
	Chisa Shukunami	Molecular Biology, Biochemistry	Professor of Graduate School of Biomedical and Health Sciences
	Nobuaki Shime	Emergency and Intensive Care Medicine	Professor of Graduate School of Biomedical and Health Sciences
	Yoshio Hosoi	Radiation Biology, Therapeutic Radiology	Professor of Graduate School of Medicine, Tohoku University
	Yoshiya Shimada	Radiation Carcinogenesis	Executive, National Institutes for Quantum and Radiological Science and Technology
	Kotaro Ozasa	Epidemiology	Department Chief of Epidemiology, Radiation Effects Research Foundation
	Seiji Yasumura	Epidemiology, Public Health	Professor of School of Medicine, Fukushima Medical University
	Akira Sakai	Hematology, Oncology	Professor of Radiation Biological Science Course, Fukushima Medical University
	Akira Ohtsuru	Radiation Health Management	Professor of Radiation Healthcare Course, Fukushima Medical University
	Koichi Tanigawa	Emergency Medicine, Radiation Emergency Medicine	Vice President of Fukushima Medical University
	Noboru Takamura	International Health Study	Professor of Graduate School of Biomedical Sciences, Nagasaki University