

## Research Ethics Education

Under the Hiroshima University Research Ethics Education Rules for Research Activities, staff and students who plan to conduct research activities at Hiroshima University are required to receive research ethics education.

After entering the University, students must complete the standard program prescribed by the University by receiving Research Ethics Education (Graduate Student Basic) in their first year and Research Ethics Education (Graduate School Advanced [M], [D]) before writing their thesis.

Students in the Graduate School of Humanities and Social Sciences are required to receive research ethics education as follows.

### 1. Research Ethics Education (Graduate Student Basic)

#### (1) Prospective participants

First-year Master's Course students (required; see note 1)

First-year Doctoral Course students (required; excluding students fitting the description in note 2)

First-year Expert Diploma Program students in the Division of Professional Development for Teachers and School Leaders (required)

Expert Diploma Program students in the Division of Law School (required; see note 3)

Note 1) In addition to Research Ethics Education (Graduate Student Basic), students in the Division of Educational Sciences are encouraged to take the following common graduate school course: Research Methods and Ethics for Educational Sciences (1 units).

Note 2) Doctoral-course students who have already received Research Ethics Education (Graduate Student Basic) in the University's Master's Course are exempt.

Note 3) Students in the Division of Law School will be provided with Research Ethics Education (Graduate Student Basic) in one of their compulsory subjects, i.e., Introduction to Law.

#### (2) Schedule

To be provided (in April or October) as part of freshman orientation

#### (3) Target group

All new students

#### (4) Method

Lecture (in Japanese or English)

#### (5) Content

A DVD-based lecture designed to help graduate students learn basic research ethics required of researchers

(6) Attendance

Attendance will be taken with attendance cards.

(7) Other

Students who miss their opportunity to receive Research Ethics Education (Graduate Student Basic) will need to take an e-learning course on APRIN.

E-learning course on APRIN

Field	Title/type of teaching material	Unit
Humanities and Social Sciences	<i>Responsible Conduct of Research: Basics (RCR Humanities)</i>	"Research Misconduct" "Plagiarism (Humanities)"

2. Research Ethics Education (Graduate Students Advanced [M], Advanced [D])

(1) Prospective participants

Second-year Master's Course students (required)

Third-year Doctoral Course students (required)

Second-year Expert Diploma Program students (required)

(2) Schedule (deadline)

Six months before course completion (end of October for completion in March; end of April for completion in September)

Note 1) Master's Course students and Expert Diploma Program students (in the Division of Development Program for Teacher and School Leaders) must receive research ethics education before writing their Master's or another thesis.

Note 2) Doctoral Course students must receive research ethics education before taking the doctoral thesis preliminary examination.

(3) Method

Students must follow their supervisor's instructions to receive research ethics education in either of the following ways.

- ① Receive a discussion-based lecture on research ethics education from their supervisor (who is allowed to deliver it in a different laboratory)
- ② Receive research ethics education in the form of an e-learning course on APRIN.

(4) Content

① Instructors and students will undertake a careful reading of "Section IV: Presentation of Research Results" of JSPS's booklet *For the Sound Development of Science -The Attitude of a Conscientious Scientist*; students will then demonstrate their understanding by presenting a summary, and hold a discussion with their instructors on research ethics practices characteristic of their own academic fields.

- ② E-learning course on APRIN

(All programs excluding the Psychology Program)

Field	Title/type of teaching material	Unit
Humanities and Social Sciences	<i>Responsible Conduct of Research: Basics (RCR Humanities)</i>	"Plagiarism (Humanities)"

(Psychology Program)

Title/type of teaching material	Unit
<i>Responsible Conduct of Research: Humanities (RCR Humanities)</i>	"Plagiarism" "Responsible Authorship" "Research Misconduct"
<i>Responsible Conduct of Research: Engineering and Technology (RCR Engineering and Technology)</i>	"Internet-based Social and Behavioral Science Research" "Informed Consent in Social and Behavioral Science Research"
<i>Responsible Conduct of Research: Biomedical Sciences (RCR Social Science and Behavioral Science)</i>	"Risk Assessment in Social and Behavioral Science Research"

### (5) Attendance

After providing lectures on research ethics education, supervisors must submit Research Ethics Education Completion Certificates to their program's support office as soon as possible.

### 3. Attendance confirmation

Whether or not a student received research ethics education can be confirmed by the student himself/herself and his/her supervisor by accessing the student's information webpage on My Momiji. (Student register information - refer to student register information; license, qualification, research ethics information)