

Course Number	06043
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

①University Department	Hiroshima University Graduate School for International Development and Cooperation (IDEC)			
②President	MUTA Taizo			
③Address (Headquarters)	〒739-8511 1-3-2 Kagamiyama, Higashi-Hiroshima City, Hiroshima, Japan			
④Contact	Division	Student Support Office, IDEC ▪ Chief (Student Support)		
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⑤Web-Address	<a href="http://www.hiroshima-u.ac.jp/en/international/">http://www.hiroshima-u.ac.jp/en/international/</a>			
⑥Enrollment (only Graduate School)	569(include MEXT's Scholarship Students: 191)			

【2. Outline of the Course】

①Course	Special Program for Human Resources for Sustainable Development of Developing Countries - Environment, Education and Peace -
②Degree	Master's program (2 years) and Doctoral Program (3 years)
③Graduate Course, Department	Graduate School for International Development and Cooperation (IDEC) (Address) 〒739-8529 1-5-1 Kagamiyama, Higashi-Hiroshima City, Hiroshima
④Collaboration (Universities, Graduate courses, Departments)	None
⑤Quota	32 students(MEXT's Scholarship Students: 9 students, Private Students: 23 students) (9 students include 4 master course students and 5 doctor course students) (23 students include 20 master course students and 3 doctor course students) (including Japanese : none )
⑥Faculties	92 members(Full-time(only for this course):31, Full-time(at the department offering this course):26, Part time:35)
⑦Representative of the Course	Job Title: Dean & Professor of Graduate School for International Development and Cooperation (IDEC) Name: KIMBARA Tatsuo

### 【3. Contents of the Course】

#### 1. The purpose of the program

The program aims at bringing up human resources that can contribute to the sustainable development of developing countries, especially in the field of environment, education and peace building.

#### 2. The special characteristics of the program

In this program, outstanding students will be recruited from developing countries, especially from Asia and Africa.

All education, both lectures and research advice will be given in English.

The program focuses on the development of problem solving skills required in developing countries, as problems and their solutions vary from one country to another. Research is emphasized not only in doctoral but also in master course, as it is the basis of problem-solving. Interdisciplinary research, covering humanity, society and nature will be strongly encouraged, because most problems in the world cannot be solved in a discipline. IDEC has many teaching staff who have experiences of working and doing research in developing countries in various fields, especially in the field of environment, education and peace building, and willing to give advice to students. This will be a good environment for doing interdisciplinary studies to solve real problems in the developing countries.

IDEC are also committing oneself to various international cooperation projects as follows:

- IDEC-JOCV special cooperation project for math and science education in Zambia (2002-)
- 21<sup>st</sup> Century center of excellence (COE) project on “social capacity development for environmental management and international cooperation” (2003-2007)
- JICA support program for strengthening primary teacher training on science and mathematics in Bangladesh (2004-2006)
- International cooperation studies for explorers to cross borders (iECBO) (2005-2006)
- Partnership project for social capacity development for peace building and international cooperation (2005-2007)

These projects will provide great opportunities for students to study in real situations.

#### 3. Advice to students

##### a. Proceeding from master’s course to doctoral course

IDEC strongly accepts those students who enter the program to pursue the doctoral course if they have enough capacity. To acquire sufficient level of problem-solving skills necessary for advanced professionals and researchers, master’s course is often insufficient, especially for those students coming from countries where there is little research habit. It is required to pursue the doctoral course. The doctoral degree will also help students to work as leaders of the society, in universities, government and private companies.

##### b. Interdisciplinary study and research

Students are strongly recommended to do interdisciplinary study and research. Development cannot be achieved only by pursuing economic development, but it is necessary to have good environment, fair and good quality education, and peace at the basis of sustainable development beneficial for all the citizens. Most problems in the society cannot be solved just technically, but require deep understanding and considerations on humanity, society and nature to solve them. In IDEC, there are lectures in various fields and also there are advisors in various fields who can give you effective advice in your research. Students are expected to utilize these human resources in IDEC and develop their problem-solving skills positively by themselves.

#### 4. The characteristics of the three fields: environment, education and peace building

Students of this program will belong to the five existing courses in IDEC, but at the same time select one of the three fields (environment, education and peace building) in order to do interdisciplinary research. The followings are the characteristics of each field:

##### a. The field of environment

In this field, students are expected to carry out research related to policies and environmentally-friendly technologies for sustainable development, based on the knowledge of global, regional and urban environment. The target area will be the developing countries, especially in Asia. With the COE program on “social capacity development for environmental management and international cooperation” adopted in 2003, IDEC is conducting the interdisciplinary research and educational activities in cooperation with universities and institutes in Asian countries, to create new knowledge for the innovation of international environment cooperation. Based on the results of the above activities, the field of environment will continue to educate foreign students and help them to do research from the viewpoint of international cooperation. Meanwhile, the staff are also trying to apply the established “social capacity development” theory to the fields of peace building and education, aiming at “social capacity development for sustainable development and international cooperation” in Asia and Africa.

##### b. The field of education

In the field of education, there are three main sub-fields: educational policy, Science and Mathematics education and Language education. Most teachers participate in international projects. Based on the experience in the field, they provide lectures and advise to make students acquire skills of doing positive research for suggesting possible solutions to solve problems in their own countries. There is also a lecture on how to do research in education. As sustainable development become possible based on independence in funding, there are also lectures on community participation and school based management. There are lectures to understand policy/consensus making process, so that students will be able to realize the necessary policy after going back to their countries. Based on those lectures, many students do field research in their home country. Internship and fieldwork are strongly recommended. Finally, students are expected to do effective policy recommendation based on the results of their research. These will help graduates to continue to do research that contribute to the educational development of their country.

##### c. The field of peace and co-existence

Peace is the wish of all human beings and the indispensable basis of the development. In this field, students are expected to do theoretical and practical study and research on how to build peace. For example questions like why conflicts arise, or how we can build peaceful co-existence in the aftermath of war from the perspective of politics, society, law, and culture. Students will be especially encouraged to recognize areas of overt and covert conflict and do strict and substantial study. While using problem-solving techniques, this field tries to develop an effective methodology for peace education that students can use to explore and overcome conflict. Through these studies and research, students are expected to acquire skills of finding peaceful solutions to conflicts – which may arise at any level of the society – so that they can contribute to the peace building process of the future societies.

#### 5. Requirement

In addition to the qualifications and requirements designated by the MEXT and written in the Application Requirement issued by IDEC, students are required to take a face-to-face interview with their potential advisor and obtain their recommendation. Those students, who want to apply, please contact the staff whom you want to be your advisor by e-mail or by fax. The information about the staff can be found at the following homepage: <http://home.hiroshima-u.ac.jp/idec/index.html>