

Course Number	06073
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

①University Department	Okayama University Graduate School of Natural Science & Technology Graduate School of Environmental Science		
②President	CHIBA Kyozo		
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④Contact	Division	Instruction Section, Graduate School of Natural Science and Technology	
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	TEL/FAX Number	TEL. +81-86-251-8576 ・ FAX. +81-86-251-8580	
⑤Web-Address	Graduate School of Natural Science & Technology http://www.gnst.okayama-u.ac.jp/ Graduate School of Environmental Science http://ambiente.okayama-u.ac.jp/		
⑥Enrollment (only Graduate School)	374 (include MEXT's Scholarship Students: 108)		

【2. Outline of the Course】

①Course	Special Program on ESD for International Students
②Degree	Doctorate Degree (3 years)
③Graduate Course, Department	Division of Sustainability of Resources, Graduate School of Environmental Science
	(Address) 3-1-1 Tsushima-naka, Okayama City, Japan
④Collaboration (Universities, Graduate courses, Departments)	Graduate School of Environmental Science Division of Social Engineering and Environmental Management Division of Biological and Human Environment Division of Sustainability of Resources Graduate School of Natural Science & Technology Division of Frontier and Fundamental Sciences Division of Industrial Innovation Sciences Division of Chemistry and Biochemistry Division of Bioscience Division of Planetary material sciences
⑤Quota	8 (include MEXT's Scholarship Students: 5) (include Japanese : 0)
⑥Faculties	375 (Full-time(only for this course): 353 Full-time(at the department offering this course): 11 Parttime: 11)
⑦Representative of the Course	Job Title: Dean of Graduate School of Natural Science & Technology / Dean of Graduate School of Environmental Science
	Name TAKADA Jun / NAKASUJI Fusao

【3. Contents of the Course】

In the 21st century, the major problems faced by human beings are environmental problems. At the World Summit on Sustainable Development held in Johannesburg, South Africa in 2002. The Japanese government advocated ESD (Education for Sustainable Development), in order to actively promote initiatives for environmental issues around the world. Since March 2006, concrete activities have been taken by Japanese government in enforcing the ESD in Japan.

Okayama University, a well-integrated university of cutting-edge scientific technology and academic excellence, comprises of all the main elements required by the “Center of Excellence Program for the 21st Century”. With the slogan of “Harmonious coexistence of nature and humans” in general, and “Building up a new paradigm for the sustainable evolution of human society” in specific, Okayama University is committed to becoming a leading international environmental study center.

The Okayama region is one of 12 designated regions all over the world as RCE (Regional Center of Expertise for ESD), and it has become one of the leading areas for environmental study education in Japan. Okayama University has also applied for the UNESCO Chair Program to promote ESD and train international environmental specialists. We are committed to obtaining the recognition from the UNESCO Higher Education Office by the end of the 2006 fiscal year.

Okayama University has a strong track record as an international research and education center for environmental study by admitting a large number of international students through its Graduate School of Environmental Science and Graduate School of Natural Science and Technology. This was carried out under the programs of “Center of Excellence Program for the 21st Century” and “Initiatives for Attractive Education in Graduate Schools.”

The proposed program is designed for international student of the 3-years Doctor’s course based on the ESD advocates by the United Nations with English as the medium of conduct. This will help to uplift the competitiveness of Japanese universities, as the universities in contributing to the international society indirectly by educating and training environmentalist especially from those developing countries.

(2) The contents of the program

This is an interdisciplinary doctor’s program that integrates courses from the Graduate School of Environmental Science and Graduate School of Natural Science and Technology. The Graduate School of Environmental Science was established under the philosophy of

pursuing environmental science that integrates various fields such as humanities, science, and medicine. We educate and train the international students to be environmentalists with broad viewpoints such as natural science, human science, social science and medicine.

English will be used as the medium in conducting all the research instruction and exercises. International students enrolled in this program are required to complete 12 credits and submit a doctoral dissertation in accordance with the following regulations.

- I . Completing ten credits and above courses offered by one's major and other major.
- II . Completing two credits of exercises offered by the research field of one's major.
- III. Completing his / her doctoral dissertation under his / her academic supervisor.

(3) Application

The application outline for this program is as follows.

1) Admission

Related information will be available on the homepage. All necessary information will be provided to those universities that have established links with Okayama University or universities that have had large number of students accepted by Okayama University in the past.

2) Eligible Countries

Although the program is open to all, priority will be given to students from developing countries as these countries urgently need environmentalists to handle steadily worsening environmental issues.

3) Selection method

Selection will be made based on the submitted documents including application form, research planning sheet, graduation certificate, academic result transcript, recommendation letter, and certificate of English language competency such as TOEFL score sheet.