

Course Number	06009
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

①University Department	The Department of Civil Engineering, the University of Tokyo		
②President	KOMIYAMA Hiroshi		
③Address (Headquarters)	〒113-8656 7-3-1 Hongo Bunkyo-ku, Tokyo Japan		
④Contact	Division	The Department of Civil Engineering Professor	
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⑤Web-Address	http://www.u-tokyo.ac.jp/index_j.html		
⑥Enrollment (only Graduate School)	1988	(include MEXT's Scholarship Students: 795)	

【2. Outline of the Course】

①Course	International Graduate Program in the Department of Civil Engineering at the University of Tokyo
②Degree	Master's degree and Doctor degree (2 years + 3 years)
③Graduate Course, Department	The Department of Civil Engineering, the School of Engineering
	(Address)7-3-1 Hongo Bunkyo-ku, Tokyo 113-8656 Japan
④Collaboration (Universities, Graduate courses, Departments)	
⑤Quota	Approx. 40 (include MEXT's Scholarship Students: 18 (M6, D12)) (include Japanese: 0)
⑥Faculties	44 (Full-time(only for this course): 41 Full-time(at the department offering this course): 3 Part-time: 0)
⑦Representative of the Course	Job Title: Dean of the School of Engineering
	Name: MATSUMOTO Yoichiro

【3. Contents of the Course】

1. High-level Education/Research in Infrastructure Development/Planning Field

The Department of Civil Engineering started the International Priority Graduate Program (PGP) in 1982, and has provided a high-level education and research environment in infrastructure development/planning in English for 25 years. This program aims at the successive upgrade of the previous PGP with a closer connection to the 21st COE program, Sustainable Urban Regeneration (2004-2008, representative: Prof. Shin-ichiro OHGAKI, Department of Urban Engineering). We promote this program in order to produce talented individuals who can manage and lead international projects and infrastructure developments.



A View from Tokyo Tower

- Infrastructure Development and Management;
- Landscape Planning and Design;
- Regional Planning and Surveying;
- Transportation Engineering and Planning;
- River and Environmental Engineering;
- Coastal and Ocean Engineering;
- Hydraulic and Water Resources Engineering;
- Geotechnical Engineering;
- Concrete and Construction Engineering;
- Earthquake and Disaster Mitigation Engineering;
- Remote Sensing and Spacious Information Science;
- Mechanics and Structures; and
- International Project

2. Lectures/Research Guidance in English

We already provided more than 95% of lectures on the graduate course in English. Interdisciplinary lectures under collaboration with the Department of Architecture and Department of Urban Engineering have recently been provided in the COE program. We have improved these lecture systems and provide lectures in a more systematic framework in this program.

Japanese graduate students also should have their lectures in English, and this can give them the experiences and consciousness in order to be active in an international environment.



Distribution of candidates (previous program)
20% from North Eastern Asia, 54% from the rest of Asia



Lecture attended by Japanese and foreign students

3. Selection Wholly Based on Candidates' Documents

We conduct a selection of candidates wholly based on candidates' documents, and guarantee a full-time scholarship in order to attract outstanding students in view of the competition among excellent universities in the world. We encourage them to get a Ph.D. degree based on high-level research.

All kinds of data from more than 600 graduates and more than 10,000 applicants have been stocked in the department from the previous program. This guarantees a "high quality" and "less failure" situation for the candidates' selection. Besides, we conduct intensive interviews annually in some corporative universities such as Tsinghua University and Seoul National University to strengthen the candidate's data.

We have strengthened the information system of this program in key universities in the world to

maintain higher competitiveness of the selection process.

4. Support System in Post-graduate Stage

We produce not only university professors who can give many contributions in developing countries but also specialists in government organizations and private companies who can manage projects on infrastructure development/planning and policy implementation in the civil engineering field. Graduates in the first stage of the previous program (out of 600 graduates) already have gotten a position of leadership in universities, international organizations, government organizations and have become company presidents.

Successive surveys on an evaluation of the program to graduates have been conducted, and their results showed that they require the relationship not only between the University of Tokyo and graduates but also the autonomous relationship among graduates in the world. We set up branches of alumni associations of the department in several countries and regions to meet their demand. We promote graduates to be employed in Japanese world-wide companies more and more under the same conditions as Japanese graduates. Besides, we positively welcome foreign professors and staff to the department.

5. Transparent Evaluation System

The faculty of Engineering has already introduced the evaluation system involving several from professors outside of the university. We maintain this system successively. We improve this program continuously and check the progress based on the results of post-evaluation by graduates.

6. Collaboration with International Project Course

The department set up the "International Project Course" in 2005, mainly for Japanese students. We aim to have the synergistic effect in next 10 years. 10 to 20 percent of graduates (including both foreign students and Japanese students) will be from the International Project Course. We provide these graduates to international organizations and global enterprises.

7. Support System in the Department

The department has set up the "Foreign Student Office (FSO)", the "Japanese Language Class (JLC)" and the "Technical English Class (TEC)" in the previous program based on the strategy of supporting foreign students in the faculty. All work has been done in English in FSO. Their kindnesses result in a higher evaluation by graduates.

JLC has provided basic classes in Japanese language. The functions of JLC are not only teaching Japanese for their daily lives but also supporting their (including their family members) mental condition. JLC has developed teaching materials by themselves. We encourage those who want to be employed in Japanese companies to attend higher level Japanese language classes provided by the faculty.

TEC is now operated by a British teacher. Not only Japanese students but also foreign students can join the classes to make communication among different cultures.

A Host Family System supported by the Japanese alumni of the department has been introduced and has been highly evaluated by graduates. We continue to promote these activities more intensively.



Inter-Cultural Friendship



JLC for International Students

Department of Civil Engineering at the University of Tokyo

URL: <http://www-e.civil.t.u-tokyo.ac.jp/>