

Course Number	06012
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

①University Department	School of Engineering, University of Tokyo		
②President	Hiroshi Komiyama		
③Address (Headquarters)	〒113-8656 7-3-1 Hongo, Bunkyo-ku, Tokyo Japan		
④Contact	Division	Department of Urban Engineering	
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⑤Web-Address	http://www.due.t.u-tokyo.ac.jp		
⑥Enrollment (only GraduateSchool)	1988 (include MEXT's Sholorship Students: 795)		

【2. Outline of the Course】

①Course	International Course of Urban Engineering
②Degree	Master program (2years) and Ph.D. Program (3 years)
③Graduate Course, Department	Department of Urban Engineering, School of Engineering
	(Address) 〒113-8656 7-3-1 Hongo, Bunkyo-ku, Tokyo Japan
④Collaboration (Universities, Graduate courses, Departments)	
⑤Quota	Master Program 7, Ph.D. Program 13 (include MEXT's Schlorship Students: Master Program 1, Ph.D. Program 6) (include Japanese :0)
⑥Faculties	28(Full-time(only for this course):25 Full-time(at the department offering this course): 3)
⑦Representative of the Course	Job Title Dean, School of Engineering
	Name Yoichiro Matsumoto

【3. Contents of the Course】

1. Concepts and Basic Characteristics

This program provides cutting-edge knowledge on spatial planning, design and analysis as well as urban environmental management and technology in order to contribute ever-increasing urban issues and problems in the world. The Department of Urban Engineering at the University of Tokyo was established in 1962 to undertake pioneering research and to contribute to the University's reputation for academic excellence. Both research and teaching within the department primarily focus on two areas: environmental engineering and urban planning. This brochure contains information for foreign students applying to study in this department including financial assistance under the Monbukagakusho-Scholarship program. During its 22-year history of the scholarship program in our department, the Monbukagakusho-Scholarship program has helped over 80 students achieve their degree goals. If you wish to study with us, please fill in an application form and return it to our Foreign Student Officer. We welcome all qualified students.

2. Unique Fields of Study

Our unique approaches to tackling these problems are leading research communities within Japan and throughout the world. State-of-the-art technologies are applied to solve environmental problems in first class experimental facilities outfitted with the newest computer technologies. Increasingly, the role of urban planners is expanding as well. Since urban problems are inherently multi-faceted, interrelated and complex, physical planning demands an ever broadening knowledge of both theoretical issues and practical concerns.

Environmental Engineering Course

As the number of mega-cities around the world increases, it has become urgent to find solutions to water supply, wastewater treatment and urban drainage, solid waste management, air pollution control, hazardous waste management, and other urban environmental problems. Yet the solutions to these problems are not only found at the urban level. Therefore research in the environmental engineering is not just limited to the urban scale. We also undertake regional and global studies on such issues as climatic change.

Urban Engineering Course

In order to prepare students for these tasks, the department's study programs cover land-use planning, housing, urban analysis, urban design, national and regional planning, urban disaster prevention and transportation issues in both developed and developing countries. Students are also expected to gain technical training in the use of Geographic Information Systems (GIS) and/or Internet technologies. Also, studies in legal and organizational issues, historical assets and environment preservation, city management, the role of public and non-profit organizations, Intelligent Transport Systems (ITS), network behavioral analysis and other subjects are available.

3. Courses, Studio Works and Research

This program provides systematic and advanced course works on spatial planning/design/analysis and environmental technology and management. Other related courses in the field of Civil Engineering and Architecture is also available in respective departments. Our unique characteristics lie in the parallel development of academic research and practical application, thus we place emphasis on studio work in our educational systems, where students can obtain new ideas and experiences through the intensive discussion with faculty members as well as other students

with wide variety of backgrounds. We offer both Master program and Ph. D. program,

4. Language : English

