2012

Kyoto University

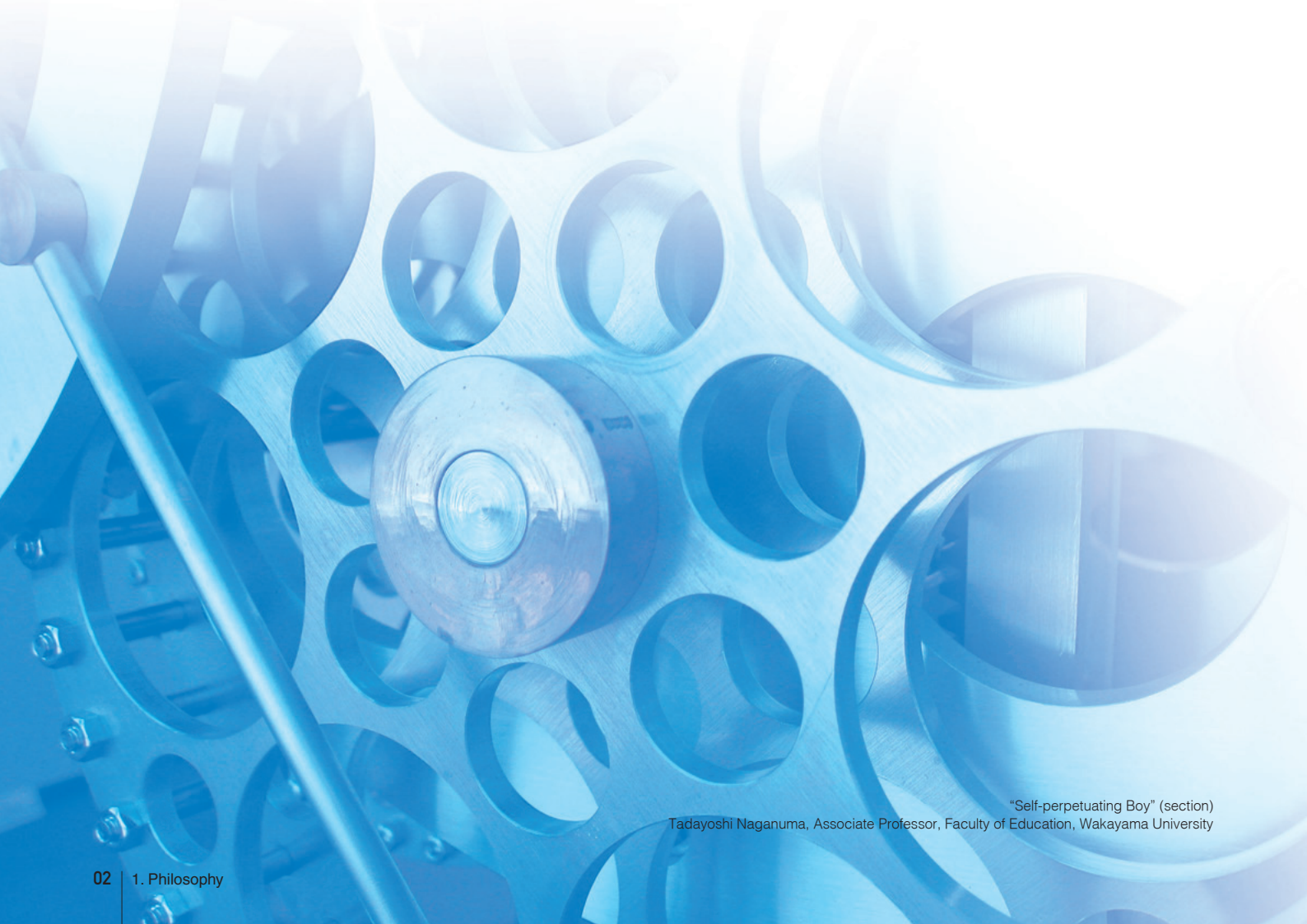
Graduate School of Engineering/ Faculty of Engineering Outline

2012
Kyoto University Graduate School of Engineering/Faculty of Engineering Outline

Contents

Philosophy of the Faculty of Engineering

The pursuit of the truth is the essence of learning.
Contained therein is the notion that engineering encompasses all fields of science that make direct or indirect contributions to the lives of people and essentially plays a significant role in the ongoing advancement of the global community and in the progress of civilization. The Graduate School of Engineering and the Faculty of Engineering at Kyoto University, in accordance with the above understanding, is committed to the development of science and technology in harmony with the natural environment, with an emphasis on basic research, as well as to the provision of an education that combines a focus on the attainment of outstanding professional skills and high standards of morality with a balanced approach to acquiring a solid liberal arts education and sense of individuality. In engaging in such research and education, we are mindful of the need to promote ties with local communities and encourage international exchanges. We shall operate the Graduate School and the Faculty based on respect for both the autonomy of the various research and educational bodies under our jurisdiction and the human rights of each person and will respond to the need to be socially accountable with as much effort as we can at all times summon.



"Self-perpetuating Boy" (section)
Tadayoshi Naganuma, Associate Professor, Faculty of Education, Wakayama University

Kyoto University Mission Statement

Kyoto University states its mission to sustain and develop its historical commitment to academic freedom and to pursue harmonious coexistence within human and ecological community on this planet.

Research

1. Kyoto University will generate world-class knowledge through freedom and autonomy in research that conforms with high ethical standards.
2. As a university that comprehends many graduate schools, faculties, research institutes and centres, Kyoto University will strive for diverse development in pure and applied research in humanities, sciences and technology, while seeking to integrate these various perspectives.

Education

3. Within its broad and varied educational structure, Kyoto University will transmit high-quality knowledge with spirit of original creation and promote independent learning rooted in mutual communications.
4. Kyoto University will educate outstanding and humane researchers and specialists, who will contribute to the world's human and ecological community.

Relationship with society

5. As a university which is aimed to committed broadly to the societies, Kyoto University will encourage mutual collaboration among local community and national society, and will disseminate knowledge informed by the ideals of freedom and peaceful coexistence.
6. As an international institution, Kyoto University will promote international academic exchange and thereby strive to contribute to the well-being of the world.

Administration

7. In order to enhance the free development of learning, Kyoto University will pay due respect to the administrative independence of each of its component institutions, while promoting cooperation among them.
8. Kyoto University will administration with environmental concerns and the respect for human rights and will be accountable to society at large.

Philosophy and Objectives of the Graduate School of Engineering

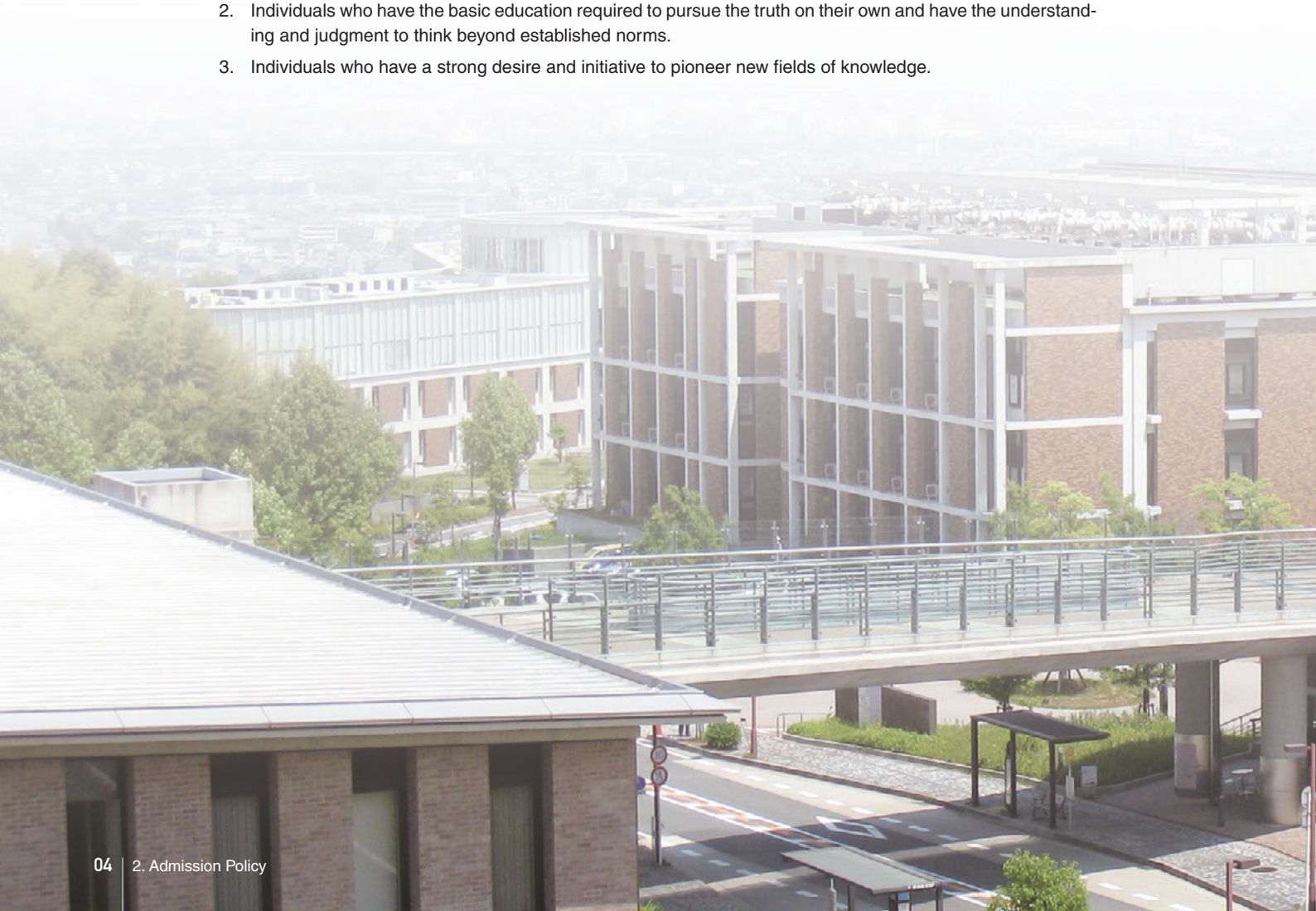
The pursuit of the truth is the essence of learning. Engineering is an academic field that impacts the lives of people, and is greatly responsible for the sustainability of social development and the formation of culture. The Graduate School of Engineering at Kyoto University, based on the above premise, is committed to the development of science and technology with an emphasis on the fundamentals and in harmony with the natural environment. At the same time, we aim to assist students in their pursuit of a rich education with specialized knowledge, as well as the ability for its creative application, while nurturing high ethical standards.

The graduate school aims to educate technicians and researchers at the Master's course level to acquire a broad range of knowledge and international sensibilities and to instill highly tuned abilities for seeking out and solving problems. At the Doctorate course, research skills are nurtured through basic and applied research and practical teachings to become leaders at the international level, able to organize research teams in innovative research fields. To this end, the Graduate School of Engineering offers a joint Master's and Doctorate education program, in addition to the conventional Master's program.

Student Profile of the Graduate School of Engineering

The Graduate School of Engineering welcomes the following:

1. Individuals who identify with the principles and objectives of the Graduate School of Engineering and possess the basic expertise and enthusiasm to pursue them.
2. Individuals who have the basic education required to pursue the truth on their own and have the understanding and judgment to think beyond established norms.
3. Individuals who have a strong desire and initiative to pioneer new fields of knowledge.



Philosophy and Objectives of the Faculty of Engineering

The Kyoto University Faculty of Engineering emphasizes the building of a solid foundation for learning, under the tradition of a liberal academic environment. A liberal academic environment is one where students are encouraged to view the world free of preconceptions by garnering a scientific eye. This entails the development of a critical attitude toward academia, and becomes a solid foundation for learning. It is widely perceived that the focus of the faculty of Engineering is largely on applied technologies. However, the Kyoto University approach differs from the general perception and is somewhat unique. In short, the Kyoto University Faculty of Engineering adheres to its principle academic approach based on its belief that a deep understanding of the basics is essential for applying technologies to a wide variety of situations in the future.

Here is a more detailed description of our undergraduate program. During the first and second years after enrolling as undergraduate of the Kyoto University Faculty of Engineering, students take general education courses common to all science course students. They are also required to take liberal arts, as well as English and/or other foreign languages. At the same time, department/program specialization begins from the first year, gradually increasing in weight. In their fourth year, individuals take up a special research project on a specific theme. Students are assigned to their chosen laboratory for their project, where they are able to conduct their studies in a cutting-edge environment together with graduate students and supervising academics. Students who continue on to graduate school can enjoy a more advanced level of specialized education and research guidance.
Through this approach to education, the Kyoto University Faculty of Engineering has continually turned out alumni who are capable of applying their expertise to a broad range of activities, independently and creatively tackling entirely new challenges, and who possess a deep knowledge base and strict sense of integrity.

Student Profile of the Faculty of Engineering

The following persons are welcome to enroll in our program:

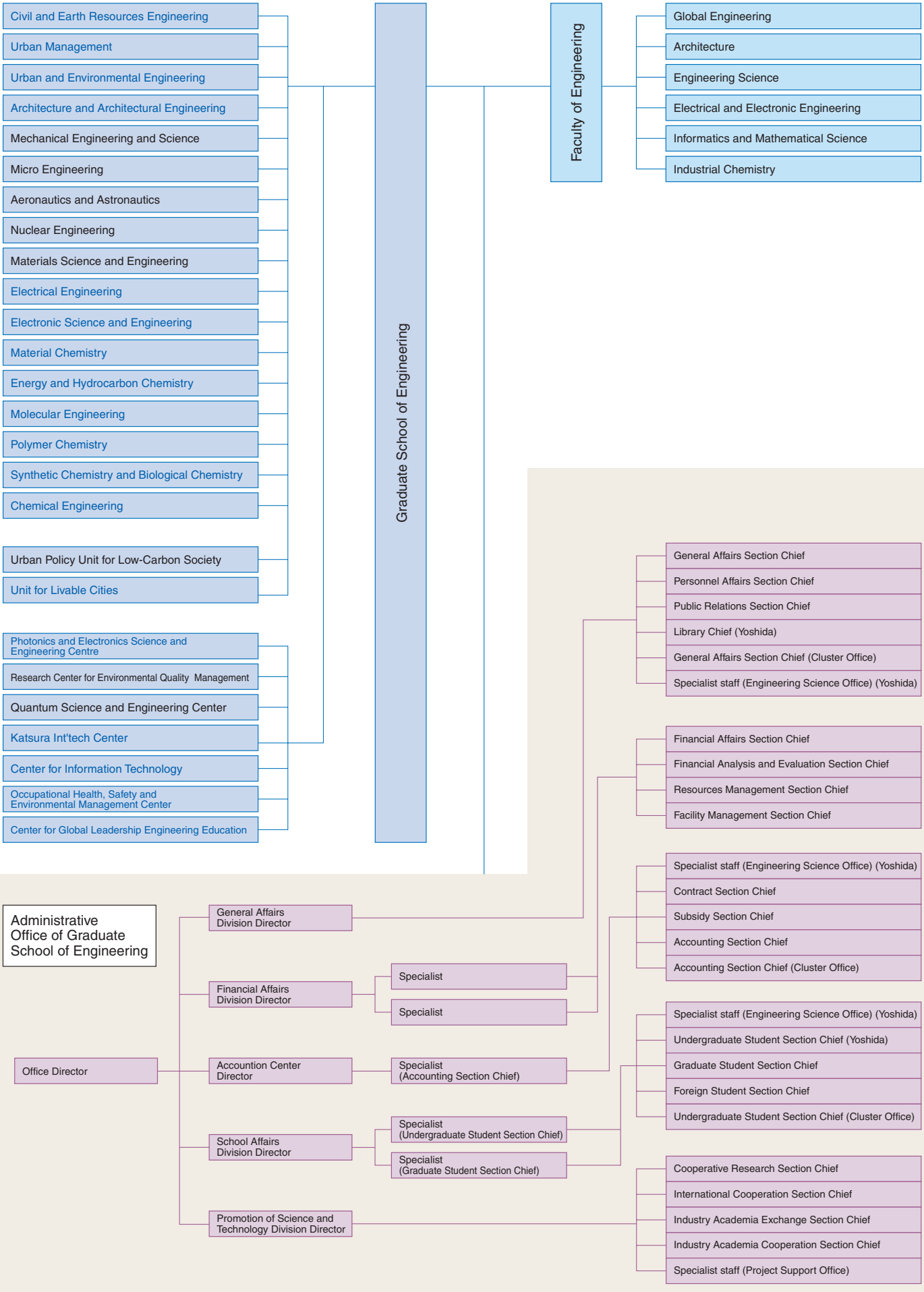
1. Individuals who possess a thorough command of the knowledge from their secondary school education, and who have the competence to undertake a post-secondary education in fundamental scientific principles in the Faculty of Engineering.
2. Individuals who are free of preconceptions, who strive to verify and understand the mechanisms behind matters firsthand.
3. Individuals who have the enthusiasm and vitality to creatively explore new fields of technology.

3. History

1897	6	Kyoto Imperial University established.
	9	Science and Engineering College established. Civil Engineering and Mechanical Engineering courses established.
1898	9	Electrical Engineering, Mining & Metallurgy, and Manufacturing Science & Technology courses established.
1914	7	Separated Science and Engineering College divided into Science College and Engineering College.
	9	Civil Engineering, Mechanical Engineering, Electrical Engineering, Mining & Metallurgy and Industrial Chemistry courses established.
1919	2	Engineering College became Faculty of Engineering.
1920	8	Architecture & Architectural Engineering course established.
1939	3	Fuel Chemistry course established.
1940	4	Chemical Engineering course established.
1941	3	Textile Chemistry course established.
1942	3	Mining & Metallurgy course divided into Mining and Metallurgy courses, Aeronautical Engineering course established.
1946	1	Aeronautical Engineering course abolished, Applied Physics course established.
1947	9	Kyoto Imperial University changed its name to Kyoto University.
1949	5	Launch of the new Kyoto University.
1953	4	Graduate School of Engineering established.
1954	4	Electronic Science & Engineering course established.
1955	4	Applied Physics course renamed Aeronautical Engineering course.
1957	4	Department of Nuclear Engineering, Graduate School of Engineering established.
1958	4	Nuclear Engineering and Environmental & Sanitary Engineering courses established.
1959	4	Automation Research Laboratory established. Applied Mathematics & Physics course established.
1960	4	Precision Mechanics and Synthetic Chemistry courses established.
1961	4	Electrical Engineering II course, Metal Science & Technology course and Ionosphere Research Laboratory established. Reorganized/renamed Textile Chemistry course to Polymer Chemistry course. Reorganized Chemical Engineering course.
1962	4	Mechanical Engineering II course established.
1963	4	Transportation Engineering course established.
1964	4	Architecture & Architectural Engineering II courses established and Mining course renamed Mineral Science & Technology course.
1966	4	Superheated Plasma Physics Laboratory established. Reorganized/renamed Fuel Chemistry course to Hydrocarbon Chemistry course.
1970	4	Information Science course established.
1975	4	Mechanical Engineering II course rearranged and renamed to Physical Engineering course.
1976	5	Plasma Physics Laboratory inaugurated as Kyoto University's Heliotron Fusion Research Center.
1978	4	Ion Beam Engineering Experimental Laboratory established.
1981	4	Ionosphere Research Laboratory inaugurated as Kyoto University's Radio Science Center for Space and Atmosphere.
1983	4	Department of Molecular Engineering established.
1985	4	Research Laboratory for Control of Environmental Micropollutants established.
1986	4	Research Laboratory of Carbonaceous Resources Conversion Technology established.
1987	5	Department of Applied Systems Science established.
1989	5	Automation Research Laboratory abolished, and Integrated Media Environmental Laboratory established.
1991	4	Department of Global Environment Engineering established.
1992	4	Mesoscopic Materials Research Center established.
1993	4	Reorganization of Chemistry system. Five undergraduate courses (Industrial Chemistry, Hydrocarbon Chemistry, Chemical Engineering, Polymer Chemistry, Synthetic Chemistry) reorganized into Industrial Chemistry, and five departments (same as the undergraduate courses) and Department of Molecular Engineering reorganized into six departments (Material Chemistry, Energy & Hydrocarbon Chemistry, Molecular Engineering, Polymer Chemistry, Synthetic Chemistry & Biological Chemistry, Chemical Engineering).
1994	6	Reorganization of Physics System. Seven undergraduate courses (Mechanical Engineering, Metallurgy, Aeronautical Engineering, Nuclear Engineering, Precision Mechanics, Metal Science & Technology and Physical Engineering) reorganized into Physical Engineering, and seven departments (same as the undergraduate courses) reorganized into Mechanical Engineering, Mechanical Engineering Science, Precision Mechanics, Applied Energy Science & Engineering, Nuclear Engineering, Material Engineering, and Aeronautics & Astronautics.
1995	4	Reorganization of Electric and Information systems. Reorganized three undergraduate courses (Electrical Engineering, Electronic Science & Engineering, and Electrical Engineering II) into Electrical and Electronic Engineering, and two undergraduate courses (Applied Mathematics & Physics, and Information Science) into Informatics & Mathematical Science; reorganized six departments (Electrical Engineering, Electronic Science & Engineering, Electrical Engineering II, Applied Mathematics & Physics, Information Science, and Applied Systems Science) into departments of Electrical Engineering, Electronic Physical Properties Engineering, Electronics and Communication Engineering, Applied Mathematics & Physics, Information Science, and Applied Systems Science. Research Laboratory for Control of Environmental Micropollutants renamed to Research Center for Environmental Quality Control.
1996	4	Reorganization of Civil Engineering and Architecture systems. Reorganized four undergraduate courses (Civil Engineering, Environmental & Sanitary Engineering, Transportation Engineering, and Mineral Science & Technology) into Global Engineering, and two undergraduate courses Architecture and Architectural Engineering II into Architecture; reorganized seven departments (Civil Engineering, Environmental & Sanitary Engineering, Transportation Engineering, Mineral Science & Technology, Architecture & Architectural Engineering, Architecture & Architectural Engineering II and Global Environment Engineering) into departments of Civil Engineering, Environmental Engineering, Civil System Engineering, Mineral Science & Technology, Architecture & Architectural Engineering, Architecture & Environment Design, and Global Environment Engineering to prioritize graduate schools. Department of Applied Energy Science & Engineering abolished with creation of Graduate School of Energy Science. Research Laboratory of Carbonaceous Resources Conversion Technology abolished.
1997	4	Integrated Media Environment Experimental Laboratory abolished and integrated into Total Information Media Center.
1998	4	With establishment of Graduate School of Informatics , Departments of Electronics & Communication Engineering, Applied Mathematics & Physics and Information Science & Applied System Science abolished. Affiliation of Ion Beam Engineering Experimental Laboratory, Mesoscopic Materials Research Center and Research Center for Environmental Quality Control transferred from Faculty of Engineering to Graduate School.
1999	4	Affiliated Quantum Science and Engineering Center established.
2001	4	Affiliated Katsura Int'tech Center established.
2002	3	Affiliated Mesoscopic Materials Research Center abolished.
	4	Affiliated Center for Information Technology established.
2003	4	Reorganization of Earth and Architecture systems and renaming of Electric system. Five departments (Civil Engineering, Civil Engineering Systems, Mineral Science & Technology, Environmental Engineering and Global Environmental Engineering) reorganized into three departments (Civil & Earth Resources Engineering, Urban Management and Urban & Environmental Engineering); Department of Architecture & Environmental Design abolished; Department of Electronic Physical Properties Engineering renamed Department of Electronic Science & Engineering.
	10	Katsura Campus established. Eight departments (Electrical Engineering, Electronic Science & Engineering, Material Chemistry, Energy & Hydrocarbon Chemistry, Molecular Engineering, Polymer Chemistry, Synthetic Chemistry & Biological Chemistry and Chemical Engineering) and Ion Beam Engineering Experimental Laboratory moved to A Cluster.
2004	4	Affiliated Occupational Health, Safety & Environmental Management Center established.
	10	Administration Facilities moved to B Cluster in Katsura Campus, and Department of Architecture & Architectural Engineering moved to C Cluster in Katsura Campus.
2005	4	Four graduate majors in physics (Mechanical Engineering, Mechanical Engineering Science, Precision Mechanics and Aeronautics & Astronautics) reorganized to Mechanical Engineering & Science, Micro Engineering and Aeronautics & Astronautics. Research Center for Environmental Quality Control renamed to Research Center for Environmental Quality Management.
	10	"Japan-China Cooperative Research Laboratory on Environmental Technology" seminar established by donation. "Nano-Medicine Merger Education Unit" education started.
2006	10	Departments of Civil & Earth Resources Engineering, Urban Management and Urban & Environmental Engineering moved to C Cluster in Katsura Campus.
2007	4	Ion Beam Engineering Experimental Laboratory reorganized. Photonics and Electronics Science & Engineering Center established.
	5	"JAPEX Energy Resources Engineering" seminar established by donation.
	12	Center for Global Leadership Engineering Education established.
2008	4	"Infrastructure Safety Engineering (JR West)" seminar established by donation.
	7	"Advanced Battery Fundamentals" seminar established by donation.
2009	4	"Advanced Transport Logistics (Hanshin Expressway)" seminar established by donation. Affiliated Quantum Science & Engineering Center reorganized.
	11	"Kyoto University Urban Policy Unit for Low-Carbon Society" established.
2010	4	"Unit for Liveable Cities" established.

4. Organization Chart

Letters in blue : Katsura campus



5. Departments & Courses of the Graduate School of Engineering

1. Departments & Courses of the Graduate School of Engineering

Graduate School	Departments	Courses
Graduate School of Engineering 17 departments, 83 courses, 7 facilities	Civil and Earth Resources Engineering	Applied Mechanics, Earth Resources Engineering, Structural Engineering, Hydraulic Engineering, Geomechanics, Geoinformatics, Urban Infrastructure Design
	Urban Management	Urban Systems Planning, Transportation Engineering and Management, Earthquake and Lifeline Engineering, Structures Management Engineering, River System Engineering and Management, Geo-Management, Logistics Management Systems, Environmental Geosphere Engineering
	Urban and Environmental Engineering	Environmental Geosphere Engineering, Environmental Design Engineering, Sustainable Built Environmental Engineering, Housing and Environmental Design, Environmental Informatics, Waterfront Environmental Engineering, Composite Structures Engineering, Environmental Systems Engineering, Environmental Health, Geofront Environmental Engineering, Integrated Environmental Management, Built Environment Materials and Structural Systems, Architectural Environment Systems
	Architecture and Architectural Engineering	Regenerative Preservation of Built Environment, Architecture and Environmental Engineering, History of Architecture, Construction Technology of Building Structures, Architectural and Environmental Planning, Architectural Design and Theory, Structural Engineering of Building Mechanics of Building Structures, Architectural Construction Engineering, Sustainable Built Environmental Engineering, Housing and Environmental Design, Built Environment Materials and Structural Systems, Architectural Environment Systems
	Mechanical Engineering and Science	Design and Control of Mechanical Systems, Manufacturing Systems Engineering, Mechanics of Engineering Materials, Fluid Engineering and Science, Engineering Physics, Engineering Mechanics, Bio Engineering
	Micro Engineering	Nonlinear Dynamics and Strength of Structures, Nano System Engineering, Nano Science, Micro System Engineering
	Aeronautics and Astronautics	Dynamics in Aeronautics and Astronautics, Fundamental Studies in Aeronautics and Astronautics, System Engineering in Aeronautics and Astronautics
	Nuclear Engineering	Quantum and Beam Science, Basic Quantum Engineering, Nuclear Energy Science
	Materials Science and Engineering	Metallic Materials Design, Materials Processing, Basic Science of Materials, Materials Properties, Properties of Advanced Materials, Basic Study of Advanced Materials
	Electrical Engineering	Power Conversion and System Control Engineering, System Theory, Biomedical Engineering, Electromagnetic Engineering
	Electronic Science and Engineering	Integrated Function Engineering, Applied Electronic Physics, Functional Electronic Science and Engineering, Quantum Engineering
	Material Chemistry	Design of Functional Materials, Inorganic Material Chemistry, Organic Material Chemistry, Polymer Material Chemistry, Nanomaterial
	Energy and Hydrocarbon Chemistry	Energy Conversion Chemistry, Energy Chemistry, Hydrocarbon Chemistry, Catalyst Science
	Molecular Engineering	Biomolecular Function Chemistry, Molecular Theory for Science and Technology, Quantum Function Chemistry, Applied Reaction Chemistry
	Polymer Chemistry	Advanced Polymer Chemistry, Polymer Synthesis, Polymer Physics
	Synthetic Chemistry and Biological Chemistry	Organic System Design, Synthetic Chemistry, Biological Chemistry
	Chemical Engineering	Environmental Process Engineering, Chemical Engineering Fundamentals, Chemical Systems Engineering

Research institutes	Photonics and Electronics Science and Engineering Center	Opened in April, 2007	Kyoto daigaku-katsura, Nishikyo-ku, Kyoto
	Research Center for Environmental Quality Management	Opened in April, 2005	1-2, Yumigahama, Ohtsu
	Quantum Science and Engineering Center	Opened in April, 2009	Gokasho, Uji
	Katsura Int'tech Center	Opened in April, 2001	Kyoto daigaku-katsura, Nishikyo-ku, Kyoto
	Center for Information Technology	Opened in April, 2002	Kyoto daigaku-katsura, Nishikyo-ku, Kyoto
	Occupational Health, Safety and Environmental Management Center	Opened in April, 2004	Kyoto daigaku-katsura, Nishikyo-ku, Kyoto
	Center for Global Leadership Engineering Education	Opened in December, 2007	Kyoto daigaku-katsura, Nishikyo-ku, Kyoto
	Urban Policy Unit for Low-Carbon Society	Opened in November, 2009	688, Takanna-cho, Nakagyo-ku, Kyoto
	Unit for Liveable Cities	Opened in April, 2010	Kyoto daigaku-katsura, Nishikyo-ku, Kyoto

2. Undergraduate Departments & Courses at the Faculty of Engineering

Faculty	Undergraduate departments	Courses
Faculty of Engineering 6 departments, 15 courses	Global Engineering	Civil Engineering, Environmental Engineering, Earth Resources and Energy Engineering
	Architecture	Architecture
	Engineering Science	Mechanical and Systems Engineering, Materials Science, Energy Science and Engineering,Nuclear Engineering, Aeronautics and Astronautics
	Electrical and Electronic Engineering	Electrical and Electronic Engineering
	Informatics and Mathematical Science	Computer Science, Applied Mathematics and Physics
	Industrial Chemistry	Frontier Chemistry, Fundamental Chemistry, Chemical Process Engineering

6. Academic Officials at the Graduate School of Engineering

Dean	
	Masao Kitano
Vice-Dean	
Councilor	Takenao Yoshizaki
Councilor	Yasuharu Shirai
	Hiroyasu Ohtsu
	Naoki Kato
Department Heads of the Graduate School of Engineering	
Civil and Earth Resources Engineering	Hitoshi Goto
Urban Management	Hirotaka Kawano
Urban and Environmental Engineering	Masaki Takaoka
Architecture and Architectural Engineering	Teruyuki Monnai
Mechanical Engineering and Science	Kazuo Aoki
Micro Engineering	Atsushi Matsubara
Aeronautics and Astronautics	Kouichi Ono
Nuclear Engineering	Jun Sugimoto
Materials Science and Engineering	Eiichiro Matsubara
Electrical Engineering	Tetsuji Matsuo
Electronic Science and Engineering	Tsunenobu Kimoto
Material Chemistry	Seijiro Matsubara
Energy and Hydrocarbon Chemistry	Yasushi Tsuji
Molecular Engineering	Masahiro Shirakawa
Polymer Chemistry	Kazunari Akiyoshi
Synthetic Chemistry and Biological Chemistry	Masahiro Murakami
Chemical Engineering	Motoaki Kawase
Center Directors	
Photonics and Electronics Science and Engineering Center	Susumu Noda
Research Center for Environmental Quality Management	Yuzuru Matsuoka
Quantum Science and Engineering Center	Akio Ito
Katsura Int'tech Center	Kouichi Miura
Center for Information Technology	Atsushi Fukuyama
Occupational Health, Safety and Environmental Management Center	Takenao Yoshizaki
Center for Global Leadership Engineering Education	Shinzaburo Ito

Undergraduate Department Heads of the Faculty of Engineering	
Global Engineering	Takeshi Koike
Architecture	Waro Kishi
Engineering Science	Akio Ito
Electrical and Electronic Engineering	Hidetoshi Onodera
Informatics and Mathematical Science	Akihiro Yamamoto
Industrial Chemistry	Kazuo Akagi
Administrative Office Staff of the Graduate School of Engineering	
Office Director	Yasuyuki Konishi
General Affairs Division Director	Kiyotaka Yagi
Financial Affairs Division Director	Motoyuki Takeshita
Specialist	Michimasa Adachi
Specialist	Masanori Hanada
Accounting Center Director	Osamu Toritsuka
Specialist (Accounting Section Chief)	Mayumi Nomura
School Affairs Division Director	Mitsuaki Kojima
Specialist (Undergraduate Student Section Chief)	Nobuo Yukimoto
Specialist (Graduate Student Section Chief)	Takanori Konishi
Promotion of Science and Technology Division Director	Seiji Suzuki

7. Statistics of Academic & Administrative Staff

Academic Staff

(Letters in black: Yoshida area and others, Letters in blue: Katsura area) As of Apr 1, 2012

Departments & Institutes	Academic Staff				Total
	Professors	Associate Professors	Lecturers	Assistant Professors	
Civil and Earth Resources Engineering	14	16 (1)	3	13 (1)	46 (2)
Urban Management	9 (3)	15 (3)	4	15 (1)	43 (7)
Urban and Environmental Engineering	4 (1)	5 (1)	1	5 (1)	15 (3)
Architecture & Architectural Engineering	15	12	1	10	38
Mechanical Engineering and Science	14	9	4	10	37
Micro Engineering	5	4		7	16
Aeronautics and Astronautics	6	4	1	7	18
Nuclear Engineering	6	6	2	5	19
Materials Science and Engineering	10	7		11	28
Electrical Engineering	7	5	1	7	20
Electronic Science and Engineering	5	8	2	9	24
Material Chemistry	7	6	1	6	20
Energy and Hydrocarbon Chemistry	6	6	1	7	20
Molecular Engineering	4 (1)	6	2	4	16 (1)
Polymer Chemistry	7	8	1	7	23
Synthetic Chemistry and Biological Chemistry	7 (2)	4 (1)	1	14 (1)	26 (4)
Chemical Engineering	9	4	2	9	24
Photonics and Electronics Science and Engineering Center	2			2	4
Research Center for Environmental Quality Management	2	2	1	2	7
Quantum Science and Engineering Center	1	2		1	4
Katsura Int'tech Center	[1]				[1]
Center for Information Technology	[1]		[1]		[2]
Occupational Health, Safety and Environmental Management Center	[1]		[2]		[3]
Center for Global Leadership Engineering Education			4		4
Total	140 (96+44) (7) [3]	129 (95+34) (6)	32 (24+8) [3]	151 (108+43) (4)	452 (323+129) (17) [6]

Note 1) The numbers in parentheses are approximate figures for instructors shared by the Graduate School Center for Earth Environment Science and the Graduate School's Business Management Research Group
Note 2) The numbers in brackets are approximate figures for instructors with multiple posts

Administrative Staff

(Letters in black: Yoshida area, Letters in blue: Katsura area) As of Apr 1, 2012

Departments & Institutes		Admin. staff	Technical staff	Total
Civil and Earth Resources Engineering	C Cluster Office	16	2	24
Urban Management			2	
Urban and Environmental Engineering			2	
Architecture & Architectural Engineering			2	
Global Engineering	Global Engineering Office	4		4
Architecture	Architecture Office	2		2
Mechanical Engineering and Science	Engineering Science Office	15	4	27
Micro Engineering			1	
Aeronautics and Astronautics				
Nuclear Engineering			2	
Materials Science and Engineering			5	
Engineering Science				
Electrical Engineering	A Cluster Office	17		26
Electronic Science and Engineering				
Material Chemistry			1	
Energy and Hydrocarbon Chemistry			2	
Molecular Engineering			1	
Polymer Chemistry			1	
Synthetic Chemistry and Biological Chemistry			4	
Chemical Engineering				
Electrical/Electronic Engineering	Electrical and Electronic Engineering Office	3		3
Industrial Chemistry	Industrial Chemistry Office	4		4
Informatics and MathematicalScience			1	1
Katsura Int'tech Center			2	2
Center for Information Technology			5	5
Occupational Health, Safety and Environmental Management Center			4	4
	Office	72 (62+10)	1 (1+0)	73 (63+10)
Total		133 (95+38)	42 (29+13)	175 (124+51)

8. Statistics of Current Undergraduate & Graduate Students

1. Graduate School

(Letters in black: Yoshida area, Letters in blue: Katsura area) As of Apr. 1, 2012

Department \ Academic Year	Master's Course		Doctorate Course						Total	
	Year 1	Year 2	Year 1		Year 2		Year 3			
Civil and Earth Resources Engineering	81	78	33	(17)	27	(13)	12	(5)	231	(35)
Urban Management	64	60	20	(10)	29	(14)	24	(12)	197	(36)
Urban and Environmental Engineering	38	36	13	(8)	5	(2)	32	(14)	124	(24)
Architecture & Architectural Engineering	78	81	12	(8)	11	(4)	29	(6)	211	(18)
Mechanical Engineering and Science	57	69	8	(3)	13	(2)	21	(4)	168	(9)
Micro Engineering	28	27	6	(1)	2	(1)	10	(3)	73	(5)
Aeronautics and Astronautics	24	24	5	(0)	2	(1)	9	(0)	64	(1)
Nuclear Engineering	23	23	5	(2)	6	(0)	6	(2)	63	(4)
Materials Science and Engineering	40	45	10	(1)	12	(6)	6	(1)	113	(8)
Electrical Engineering	41	42	8	(0)	6	(0)	7	(0)	104	(0)
Electronic Science and Engineering	35	36	3	(1)	14	(1)	18	(4)	106	(6)
Materials Chemistry	30	30	9	(0)	2	(0)	6	(1)	77	(1)
Energy and Hydrocarbon Chemistry	39	40	3	(1)	5	(0)	12	(1)	99	(2)
Molecular Engineering	35	33	11	(0)	2	(0)	7	(1)	88	(1)
Polymer Chemistry	52	53	8	(1)	14	(2)	15	(1)	142	(4)
Synthetic Chemistry and Biological Chemistry	33	36	13	(1)	13	(1)	11	(1)	106	(3)
Chemical Engineering	35	34	6	(1)	11	(4)	8	(4)	94	(9)
Total	733	747	173	(55)	174	(51)	233	(60)	2060	(166)
(Yoshida area)	172	188	34	(7)	35	(10)	52	(10)	481	(27)
(Katsura area)	561	559	139	(48)	139	(41)	181	(50)	1579	(139)

Note 1) Figures in parentheses are numbers of students entering in October

2. Faculty

As of Apr.1,2012

Undergraduate Depts. \ Academic Year	Year 1	Year 2	Year 3	Year 4	Total
Global Engineering	194	198	194	231	817
Architecture	84	83	80	108	355
Engineering Science	240	245	239	330	1054
Electrical and Electronic Engineering	139	140	135	200	614
Informatics and Mathematical Science	94	93	92	154	433
Industrial Chemistry	245	245	246	336	1072
Total	996	1004	986	1359	4345

9. Enrollment Statistics, 2012

1. Graduate School

Master's course (Number of person)			
Departments	Enrollment quota	Applicant	Enrolled
Civil and Earth Resources Engineering	66	173 (21)	72 (9)
Urban Management	64		57 (7)
Urban and Environmental Engineering	36	45 (3)	35 (3)
Architecture and Architectural Engineering	72	111 (10)	73 (5)
Mechanical Engineering and Science	56	170 (8)	55 (2)
Micro Engineering	28		28
Aeronautics and Astronautics	23		23 (1)
Nuclear Engineering	23	35	23
Materials Science and Engineering	38	60 (2)	38 (2)
Electrical Engineering	38	104 (9)	39 (2)
Electronic Science and Engineering	35		34 (1)
Material Chemistry	29	224 (11)	29 (1)
Energy and Hydrocarbon Chemistry	38		38 (1)
Molecular Engineering	34		33 (2)
Polymer Chemistry	46		47 (5)
Synthetic Chemistry and Biological Chemistry	31		32 (1)
Chemical Engineering	31	42 (2)	34 (1)
Total	688	964 (66)	690 (43)

Note : ( ) = Approximate number of foreign students

Doctorate course (Number of person)			
Departments	Enrollment quota	Applicant	Enrolled
Civil and Earth Resources Engineering	12	14 [8] (4)	13 [8] (3)
Urban Management	12	10 [5] (2)	8 [4] (2)
Urban and Environmental Engineering	10	2 (3)	2 (3)
Architecture and Architectural Engineering	24	3 [3] (2)	3 [3] (1)
Mechanical Engineering and Science	18	3 [1] (2)	3 [1] (2)
Micro Engineering	8	5 [2]	5 [2]
Aeronautics and Astronautics	8	4 [1] (1)	4 [1] (1)
Nuclear Engineering	9	4 [1]	3 [1]
Materials Science and Engineering	10	6 (3)	6 (3)
Electrical Engineering	10	5 (4)	5 (3)
Electronic Science and Engineering	10	1 (1)	1 (1)
Material Chemistry	9	8 [1] (3)	7 [1] (2)
Energy and Hydrocarbon Chemistry	11	1 (1)	1 (1)
Molecular Engineering	12	8 (3)	8 (3)
Polymer Chemistry	15	6 (1)	6 (1)
Synthetic Chemistry and Biological Chemistry	10	13 (1)	11 (1)
Chemical Engineering	9	5	5
Total	197	98 [22] (31)	91 [21] (27)

Note : [ ] = Number of working applicants ( ) = Approximate number of foreign students

2. Faculty

Classification / Undergraduate departments	Enrollment quota	Applicant			Enrolled		
		Male	Female	Total	Male	Female	Total
Global Engineering	185	575 (10)	60 (17)	635 (27)	179 (7)	15 (6)	194 (13)
Architecture and Architectural Engineering	80	172 (2)	56 (1)	228 (3)	70 (2)	14 (1)	84 (3)
Engineering Science	235	503 (11)	31 (4)	534 (15)	230 (2)	10 (1)	240 (3)
Electrical and Electronic Engineering	130	288 (5)	20 (4)	308 (9)	131 (3)	8 (3)	139 (6)
Information and Mathematical Science	90	293 (6)	20 (1)	313 (7)	89 (2)	5 (0)	94 (2)
Industrial Chemistry	235	487 (2)	82 (9)	569 (11)	219 (1)	26 (4)	245 (5)
Total	955	2,318 (36)	269 (36)	2,587 (72)	918 (17)	78 (15)	996 (32)

Note : ( ) = Number of foreign students

10. Graduate Statistics

1. Number of Graduates (by department)

Department \ Course	Master's Course		Doctorate Course (Latter)
	F/Y2011	Total	As of April 1, 2012 Research Guidance Dept. dismissals
Civil and Earth Resources Engineering	74	375	15
Urban Management	62	394	14
Urban and Environmental Engineering	38	634	30
Civil Engineering		1,996	143
Transportation Engineering		598	14
Civil Engineering Systems		240	23
Earth Resources Engineering		681	40
Environmental and Sanitary Engineering		620	54
Environmental Engineering		205	8
Global Environment Engineering		501	30
Architecture and Architectural Engineering	77	1,672	145
Architecture and Architectural Engineering II		514	51
Architecture and Environmental Design		159	17
Mechanical Engineering and Science	55	356	6
Micro Engineering	26	147	9
Mechanical Engineering and Science		1,154	78
Engineering Science		462	38
Engineering Physics and Mechanics		212	6
Precision Mechanics		860	56
Nuclear Engineering	20	1,011	138
Metallurgy		634	47
Metal Science and Technology		567	43
Material Science and Engineering	39	597	13
Applied Energy Science and Engineering		57	2
Aeronautical Engineering		388	32
Aeronautics and Astronautics	17	297	18
Electrical Engineering	38	1,233	100
Electronic Science and Engineering	35	1,096	81
Electronic Science and Engineering		227	15
Electrical Engineering II		730	67
Electronics and Communication		110	2
Applied Mathematics and Physics		785	84
Information Science		508	44
Applied Systems Science		342	10
Industrial Chemistry		1,263	212
Material Chemistry	26	473	24
Hydro Carbon Chemistry		758	137
Energy and Hydrocarbon Chemistry	36	615	36
Molecular Engineering	31	753	55
Polymer Chemistry	47	1,698	271
Synthetic Chemistry		582	157
Synthetic Chemistry and Biological Chemistry	33	514	55
Chemical Engineering	32	1,273	116
Total	686	28,291	2,536

2. Number of Doctoral Graduates

As of Apr. 1, 2012

Type		Doctor of Engineering
Old University System	According to the degree law before June, 1920	42 (28)
	According to the degree law after July, 1920	1,338
New Education System	By completing the doctorate course	3,609
	By submitting doctoral thesis	4,080
Total		9,069 (28)

Note : Number in ( ) is obtained by recommendation

3. Numbers of Graduates (by major)

Undergraduate Dept. \ Academic Year	F/Y 1952-2010	F/Y2011	Total
Civil Engineering	3,222		3,222
Mechanical Engineering	2,122		2,122
Electrical Engineering	2,112		2,112
Mining	357		357
Mineral Science and Technology	1,073		1,073
Metallurgy	1,532		1,532
Industrial Chemistry	2,125		2,125
Architecture	2,207		2,207
Fuel Chemistry	443		443
Hydrocarbon Chemistry	1,296		1,296
Chemical Engineering	295		295
Chemical Engineering	1,244		1,244
Polymer Chemistry	1,225		1,225
Textile Chemistry	250		250
Applied Physics	116		116
Electronics	1,606		1,606
Aeronautical Engineering	810		810
Nuclear Engineering	714		714
Environmental and Sanitary Engineering	1,390		1,390
Applied Mathematics and Physics	1,448		1,448
Precision Mechanics	1,379		1,379
Synthetic Chemistry	1,259		1,259
Electrical Engineering II	1,447		1,447
Metal Science and Technology	1,220		1,220
Mechanical Engineering II	505		505
Transportation Engineering	1,284		1,284
Architecture II	1,149		1,149
Information Science	1,037		1,037
Engineering and Science	480		480
(New) Industrial Chemistry	3,374	247	3,621
(New) Engineering Science	3,271	221	3,492
Electrical and Electronic Engineering	1,693	132	1,825
Informatics and Mathematical Science	1,139	87	1,226
Global Engineering	2,233	190	2,423
(New) Architecture	1,012	75	1,087
Total	48,069	952	49,021

11. Statistics of Graduates, Foreign Students, Invited Foreign Scholars & List of Overseas Affiliated Universities

1. Number of Research Students

As of Apr. 1, 2012

Dept. \ Status	Research students	Research fellows Special	Special auditing students	Special research students	Short-term international students	Total
Civil and Earth Resources Engineering	2 (1)					2 (1)
Urban Management	2 (1)	1		2 (2)		5 (3)
Urban and Environmental Engineering						
Architecture and Architectural Engineering	15 (8)		1 (1)			16 (9)
Mechanical Engineering and Science	2	1				3
Micro Engineering				1 (1)		1 (1)
Nuclear Engineering						
Materials Science and Engineering	1				1 (1)	2 (1)
Aeronautics and Astronautics						
Electrical Engineering		1	1 (1)			2 (1)
Electronic Science and Engineering	1					1
Materials Chemistry		4		2		6
Energy and Hydrocarbon Chemistry	2 (1)			1		3 (1)
Molecular Engineering						
Polymer Chemistry	2 (1)			2		4 (1)
Synthetic Chemistry and Biological Chemistry	1					1
Chemical Engineering						
Global Engineering			1 (1)			1 (1)
Architecture						
Engineering Science			3 (3)			3 (3)
Electrical and Electronic Engineering						
Information and Mathematical Science			9 (9)			9 (9)
Industrial Chemistry			1 (1)			1 (1)
Total	28(12)	7	16(16)	8 (3)	1 (1)	60 (32)

Note 1 ( ) = Number of foreign students
Note 2 : Trainees are included in research fellows

2. Number of Foreign Students (by Country)

As of Apr. 1, 2012

Area, Country \ Classification	Faculty	Graduate school		Total
		Master's Course	Doctorate Course	
Asia (23)				
China	77	46	51	174
Macao	1			1
Indonesia	4	2	10	16
Iran		1	8	9
South Korea	24	14	46	84
Malaysia	1	2	9	12
Mongol	1	1		2
Cambodia			2	2
Nepal		1	4	5
Pakistan			4	4
Myanmar			1	1
The Philippines			2	2
Sri Lanka			2	2
Singapore			1	1
Taiwan		4	7	11
Thailand		2	19	21
Vietnam	2		9	11
India		4	5	9
Bangladesh			1	1
Hong Kong	1			1
Africa (3)				
Egypt			4	4
Kenya	2		1	3
Libya		1		1
Europe (10)				
Italy			1	1
France			1	1
Germany			1	1
Russia			1	1
Estonia			1	1
Greece			1	1
Croatia			2	2
Hungary	1			1
Sweden		1		1
Finland			1	1
North America (2)				
USA		1	2	3
Mexico			3	3
South America (6)				
Brazil	1		2	3
Uruguay			1	1
Chile			1	1
Peru		1		1
Argentina		1		1
Paraguay		1		1
Oceania (1)				
New Zealand		1		1
Total (42)	115	84	204	403

3. Number of Foreign Research Students

As of Apr 1, 2012

Area, Country \ Status	Research students	Special auditing students	Special research students	Short-term international students	Total
Asia (8)					
China	2	3		1	6
South Korea	3	2			5
Taiwan	2				2
Malaysia	1				1
India	1				1
Indonesia			1		1
Vietnam			1		1
Hong Kong		2			2
Africa (1)					
Egypt	1				1
Middle East (1)					
Syria	1				1
Europe (4)					
Germany		1			1
Sweden		3			3
Holland			1		1
France		3			3
North America (1)					
Canada	1	2			3
Total (15)	12	16	3	1	32

4. Number of Invited Foreign Scholars

As of 2011

Area, Country \ Status	Invited foreign scholars	Foreign coresearcher	Foreign researcher	Total
Asia (8)				
India		5		5
Indonesia	2	2		4
South Korea	1			1
Thailand	1	1		2
Taiwan	1	5	1	7
China	3	14		17
Vietnam	1	1		2
Malaysia		3		3
Europe (8)				
UK & Northern Ireland		1		1
Italy	3	1	1	5
Holland		1		1
Switzerland		1		1
Germany		5		5
France	2	2		4
Poland	1			1
Czechoslovakia		1		1
Africa (1)				
Egypt		2		2
Middle East (2)				
Iran		2		2
Kuwait		1		1
North America (2)				
USA	4	8		12
Canada	2	1		3
South America (1)				
Brazil	1			1
Oceania (1)				
Australia		1		1
Total (23)	22	58	2	82

5. Overseas Affiliated Universities with Academic Exchange

(As of Apr .1, 2012)

Classification / Area, Country	Institution	Academic Exchange Agreements (AEA)	Students Exchange Agreements (SEA)
Asia (6)			
China	Dalian University of Technology	○ (2003. 7. 3)	
	Graduate School of Tongji University	○ (2005.12.31)	
	Harbin Institute of Technology	○ (2008. 9. 1)	
	Shanghai Jiao Tong University		○ (1999. 7. 1)
Taiwan	College of Engineering, National Cheng Kung University	○ (2006.11.21)	
South Korea	College of Engineering, Korea Advanced Institute of Science and Technology		○ (2002.11. 4)
Thailand	School of Engineering and Technology etc., Asian Institute of Technology	○ (2008. 5.21)	
	The Joint Graduate School of Energy and Environment (JGSEE) King Mongkut's Institute of Technology Ladkrabang	○ (2009.10.19)	
	King Mongkut's Institute of Technology Ladkrabang	○ (2009.11.24)	
Vietnam	Hanoi University of Civil Engineering	○ (2005.12.24)	
Malaysia	Faculty of Built Environment etc., Universiti Teknologi Malaysia	○ (2009.10.14)	
Europe (8)			
Czech Rep.	Czech Technical University in Prague	○ (1992. 7. 1)	
France	Institut National Polytechnique de Grenoble	○ (1991.11.18)	○ (1999. 6.23)
	Universite Pierre-et-Marie-Curie (Paris VI)	○ (1992.11.10)	
Germany	Faculty of Engineering Sciences, Friedrich-Alexander-University Erlangen-Nüremberg Institute for Organic and Macromolecular Chemistry	○ (2002. 2. 1)	
	Heinrich Heine University of Düsseldorf	○ (2002. 5.17)	○ (2002. 7.29)
	TU Dortmund University	○ (2002.12.18)	○ (2003. 3.28)
	University of Kaiserslautern	○ (2002.12.20)	○ (2003. 1.30)
	Karlsruhe Institute of Technology	○ (2004. 3.22)	○ (2004. 9. 3)
	Faculty of Engineering, University of Freiburg		○ (2006. 1.30)
	Department of Microsystems Engineering, Faculty of Engineering, University of Freiburg (Three-university alliance including Michigan State University, USA)	○ (2004.10.30)	
The Netherlands	Delft University of Technology (Student exchange: Faculty of Mechanical, Maritime and Materials Engineering)	○ (1998. 1. 1)	
Norway	Norwegian University of Science and Technology	○ (1990. 9. 1)	○ (1998. 4.20)
Sweden	Chalmers University of Technology	○ (2002.12.19)	
	Linköping University	○ (2009.11.26)	○ (2009.11.16)
UK & Northern Ireland	School of Chemical Engineering etc., University of Birmingham	○ (2003.12. 5)	
Switzerland	Eidgenössische Technische Hochschule Zürich		○ (2010. 7.15)
North America (2)			
USA	College of Engineering, University of Wisconsin, Madison	○ (1990. 8. 1)	
	College of Engineering, University of Washington	○ (1991.10.15)	
	Cockrell School of Engineering, The University of Texas at Austin	○ (1991.12. 1)	
	School of Engineering, Rensselaer Polytechnic Institute	○ (1995. 1. 1)	
	School of Teaching and Learning, College of Education, University of Florida	○ (2004. 4.26)	
	College of Engineering, University of Michigan, Ann Arbor (Three-university alliance including University of Freiburg, Germany)	○ (2004.10.30)	
	College of Engineering, University of Florida	○ (2008. 6. 9)	
	Energy Institute, The City University of New York	○ (2010. 5.18)	
Canada	Faculty of Engineering, Faculty of Science, The University of Western Ontario	○ (2004. 6.23)	
South America (1)			
Brazil	School of Engineering, University of Sao Paulo	○ (2004. 6.16)	
17 countries	36 Universities		

Agreements remain in force for a period of five years. Contact addresses for each agreement are as follows:
SEA - International Cooperation Section (090gkokkyo@mail2.adm.kyoto-u.ac.jp) AEA - Foreign Student Section (090kryugakusei@mail2.adm.kyoto-u.ac.jp)

12. Research and Educational Projects

Global COE Program

- Global Center for Education and Research on Human Security Engineering for Asian Megacities (Since 2008)
  - (Project Leader : Prof. Yuzuru Matsuoka)

New Engineering Education Program

- Support for Distinctive University Education Program on “Synergistic Effects of Engineering Education Using Coalition” (Since 2004)

Honorary Lectures

- Infrastructure Safety Engineering (WEST JR) (Since 2008)
- Advanced Battery Fundamentals (Since 2008)

Japan Society for the Promotion of Science (JSPS) Core-to-Core Program

- Research and Education Center for the Risk-Based Asian-Oriented Integrated Watershed Management (Since 2011)
  Partner Institute: University of Malaya (Malaysia)

Special Coordination Fund for Promoting Science and Technology

- Innovative Techno-Hub for Integrated Medical Bio-Imaging (Since 2006)
- Creative Human Resources Promotion System for New Fields of Technology (Since 2006)
- Training Program for Global Leaders in Cutting-Edge Technology (Since 2008)
- Nurturing Urban Planning Engineers Responsible for Building Low-Carbon Cities (Since 2009)

Support Program for the Advanced Multidisciplinary Education Unit

- Unit for Liveable Cities, Kyoto University (Since 2010)

Japanese Government’s Global 30 Program

- Kyoto University Programs for Future International Leaders (Since 2009)

13. Public Seminars by the Faculty of Engineering

2011 Mankind, Society, and Engineering – Understanding the Now of Engineering:	Seeing and Touching Individual Molecules – Molecular Nanotechnology	Kenji Matsuda
	Life, Electricity, and Mathematics ~Looking at the Biological System through Glasses of Mathematical Principles~	Shinji Doi
	The Latest in 3D Audio	Shiro Ise
	The Present and Future of Engines	Yuuji Ishiyama
2010 Mankind, Society, and Engineering – Understanding the Now of Engineering:	Are Japanese RC Buildings Resistant to Earthquakes?	Susumu Kono
	Innovative Heat Insulation Plastic Foams for Eco-Houses – State-of-the-Art Plastic Foams	Masahiro Ohshima
	Creating Liveable Cities	Eiichi Taniguchi
	Let Us Write Computer Programs	Taiichi Yuasa
2009 Life and Engineering	Carbon Dioxide Capture and Storage	Toshifumi Matsuoka
	On Search Systems	Masatoshi Yoshikawa
	Bright Future Led by Solid State Lighting – Development of New Light-Eemitting Diodes –	Yoichi Kawakami
	Bad Vibration and Good Vibration	Hiroshi Matsuhisa
2008 Life and Engineering	The Wonders of Cellular Phones	Tatsuro Takahashi
	To Diagnose Health Conditions by Molecules – New Diagnostic Technology of a Super-Aging Society –	Seiichi Nishimoto
	Science of Metals that Support Our Safety of Life – Hidden Nano-technology –	Yasuharu Shirai
	Traditional Lifestyle and Town Development	Yasuo Takahashi
2007 Connection between Mankind and Engineering	Acoustics in Our Daily Lives	Hirotsugu Takahashi
	Why Do Greenhouse Gases Make the Earth Warmer?	Masahiro Kawasaki
	Signal Processing – Digital Signal Processing and Control Theory –	Yutaka Yamamoto
	Catastrophe Risk	Charles Scawthorn
2006 Engineering to Support Health	Evaluating Health Risks	Shinsuke Morisawa
	Intellectual Environment and Robots that Watch Over Our Society	Yasuyuki Sumi
	Advanced Imaging Technology for Brain Function Research	Tetsuo Kobayashi
	Technology for Nurturing Biological Functions	Naohide Tomita

14. Libraries & Collections Data

Collections

As of Apr. 1, 2012

Library		Books			Journals (Number of titles)		
		Japanese	Foreign languages	Total	Japanese	Foreign languages	Total
1	Common Library (Common/Chemistry-related)	618	15,884	16,502	138	530	668
2	Library of Global Engineering	16,697	39,193	55,890	1,129	1,091	2,220
3	Library of Architecture	65,927	34,098	100,025	958	512	1,470
4	Library of School of Engineering Science	13,628	41,710	55,338	256	778	1,034
5	Library of Department of Aeronautics and Astronautics	5,217	14,021	19,238	58	229	287
6	Electrical and Electronic Engineering Library	19,032	24,936	43,968	910	679	1,589
7	Library of Chemistry and Chemical Engineering	8,167	22,136	30,303	77	368	445
Total		129,286	191,978	321,264	3,526	4,187	7,713

15. Budgets and Facility Size

1. Budget

Category	F/Y2009 (¥1000)	F/Y2010 (¥1000)	F/Y2011 (¥1000)	Note
Labor cost	5,861,277	5,354,646	6,008,509	
General expenses	2,289,101	2,124,132	1,905,460	
Research cost on consignment (Intake)	2,569,477	2,775,951	2,510,606	Including “Special Coordination Fund for Promoting Science and Technology”
Collaborative study fees (Intake)	700,102	616,045	731,301	
Subsidy for scientific research (Intake)	3,445,081	2,717,543	3,346,428	Including COE
Donation for scholarships (Intake)	397,225	524,146	497,695	Including honorary lectures

2. Facility Size

As of Apr. 1, 2012

Building	Area (m^2)
1. Main Campus	
Okada Memorial House	240
Research Bldg. No.3	426
Civil Engineering Research Laboratory	484
Research Bldg. No.4	2,993
Faculty of Engineering, 3rd Bldg. A Bldg.	664
Multidiscipline Bldg. (Faculty of Engineering, 3rd Bldg. North Bldg.)	4,613
Electrical Engineering Integrated Bldg.	1,846
Faculty of Engineering, 1st Bldg.	3,894
Faculty of Engineering, Experimental Research Bldg.	1,093
RI Experinmantal Research Bldg.	2,744
Physics Facility	18,063
Faculty of Engineering, 6th Bldg.	1,501
Faculty of Engineering, 6th Bldg., New Annex	181
Architecture Drawing Room	252
Architecture Historic Bldg.	1,666
Research Bldg. No.5	598
Faculty of Engineering Saka	784
Faculty of Engineering, 8th Bldg.	3,577
Faculty of Engineering, 10th Bldg.	508
Faculty of Engineering, 11th Bldg.	3,412
Faculty of Engineering, 3rd Bldg. South Bldg.	1,193
Faculty of Engineering, 3rd Bldg. West Bldg.	3,910
Faculty of Engineering Integrated Research Bldg.	4,816
Others	214
Sub total	59,672

Building	Area (m^2)
2. Katsura Campus	
A Cluster A1 Bldg.	11,631
A Cluster A2 Bldg.	9,409
A Cluster A3 Bldg.	8,451
A Cluster A4 Bldg.	9,729
C Cluster C1 Bldg.	25,736
C Cluster C2 Bldg.	8,738
Low Temperature Center	378
Effluent Treatment Plant	63
EM Center Bldg.	2,803
Katsura Int’tech Center Bldg.	6,328
Administration Bldg.	4,695
C Cluster Office Bldg.	295
Others	145
Sub total	88,401
3. Uji Campus and Ohtsu Area	
Nuclear Engineering Laboratory	2,568
Super Aerodynamic Experimental Laboratory	670
Wind Tunnel Laboratory for Aerospace Engineering	817
Joint Research Laboratory Bldg.	2,077
Water Pollution Control Laboratory	789
Research Center for Environmental Quality Management	500
Sub total	7,421
Grand total	155,494

GRADUATE SCHOOL OF ENGINEERING
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