

2018

# Graduate School Overview

Osaka City University

(This translation is for reference purposes only)

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## History

Osaka City University, the foundation of this graduate school, was established using a reform of the Japanese educational system in 1949 as an opportunity to merge the former Osaka University of Commerce with the Osaka City Miyako Technical College and Women's College. Following this, the Osaka City Medical School was also merged in 1955 to form the medical department of Osaka City University. As a center of academic research in Osaka, the university continues to research deeply specialized topics and offer an advanced academic education, while working to improve the character of its students to this very day.

In April 1953, Osaka City University established master courses in the Graduate Schools of Business, Economics, Law, Literature and Human Sciences, Science, Engineering, and Domestic Science (now Human Life Science), and gradually established doctoral courses in the Graduate Schools of Science (in 1954), Literature and Human Sciences (in 1955), Engineering (in 1956), Medicine (in 1958), Business (in 1965), and Human Life Science (in 1975).

With the Ministry of Education Ordinance setting graduate school establishment standards (June 20<sup>th</sup>, 1974), Osaka City University set all graduate schools as 5 year doctoral courses except for the Graduate School of Medicine (which is a 4 year doctoral course) from April 1975, which are divided into 2 year pre-doctoral courses and 3 year main doctoral courses, with the pre-doctoral courses handled as master courses.

Following this, Osaka City University established a master course in the Graduate School of Medicine in April 2002, established the Graduate School for Creative Cities with a master course in April 2003, established the Law School in the Graduate School of Law in April 2004, established a doctoral course in the Graduate School for Creative Cities in April 2005, as well as a master course in the Graduate School of Nursing in April 2008, and doctoral course in the Graduate School of Nursing in April 2010. Looking forward, Osaka City University plans to establish a master course in the Graduate School for Urban Management in 2018.

In April 2006, Osaka City University became an independent corporation, Public University Corporation Osaka City University.

## Enrollment Quotas

Graduate School	Course Name	Master's Program	Doctoral Program
Graduate School of Business	Global Business	20	8
	Total	20	8
Graduate School of Economics	Modern Economics	20	8
	Total	20	8
Graduate School of Law	Law & Political Science (Academic)	15	10
	Total	15	10
Graduate School of Literature and Human Sciences	Philosophy & History	14	8
	Human Behavioral Science	16	8
	Language and Culture	22	12
	Asian Culture and Urbanism	8	4
	Total	60	32
Graduate School of Science	Mathematics & Physics	29	14
	Molecular Materials Science	34	13
	Biology & Geosciences	29	14
	Total	92	41

Graduate School	Course Name	
Graduate School of Law	Law School (Professional Degree)	30

Graduate School	Course Name	Master's Program	Doctoral Program
Graduate School of Engineering	Mechanical & Physical Engineering	33	7
	Physical Electronics & Informatics	56	10
	Applied Chemistry & Bioengineering	33	7
	Urban Engineering	47	9
	Total	169	33
Graduate School of Medicine	Medical Science	12	---
	Basic Medical Science	---	30
	Clinical Medical Science	---	40
	Total	12	70
Graduate School of Nursing	Nursing	10	3
	Total	10	3
Graduate School of Human Life Science	Human Life Science	48	15
	Total	48	15
Graduate School for Creative Cities	Creative Cities	---	10
	Total	---	10
Graduate School of Urban Management	Urban Management	56	---
	Total	56	---

\* Enrollment quotas are 20 students each for the Graduate School of Business and the Graduate School of Economics, 56 students for the Physical Electronics & Informatics course of the Graduate School of Engineering, and 47 students for the Urban Engineering course of the Graduate School of Engineering.

## ■ List of Faculty Research Fields and Classes

This overview is current as of May 1<sup>st</sup>, 2017 and may change from April 2018.

### ● Graduate School of Business (TEL 06-6605-2201)

The Graduate School of Business consists of a Master Course and a Doctoral Course, both offering a course called Global Business.

Faculty Name	Research Theme
Yoshimura, Norihisa	Rationality of unique corporate governance and management observed in family businesses, German companies, etc.
Shimozaki, Chiyoko	Human Resources Management: Diversity Management and Japanese HR
Nakase, Akifumi	History of Japanese electrical power industry, historical discussion of industrial regions surrounding Osaka
Zhai, Linyu	Corporate financial policy and capital markets
Yamada, Jinichiro	Management strategy for creation of new businesses and human resource development
Bu, Zhiqiang	Research on cost management and business performance management
Kobayashi, Tetsu	Marketing theory/strategy theory
Ota, Masaharu	Scientific research on innovation and rationalization policy in the manufacturing and service industries
Miyagawa, Hisao	Distribution of corporate profits through capital markets and interests and dialogue between shareholders and management
Asano, Nobuhiro	Economic impact of disclosure activities
Ishikawa, Hiroyuki	Theoretical and empirical research on the relationship between accounting information and stock prices
Takada, Teruko	Financial econometrics: Development and application of robust methods
Fujii, Teruaki	Formation of social group distributions and transition probabilities of individual entities
Ishii, Shinichi	Research on cooperation between corporations
Ogata, Kensuke	Research on accounting regulations in a global economy
Takahashi, Nobuhiro	Offshore development of software from Japan to China
Suzuki, Yotaro	Geographic expansion and international specialization in multinational corporations
Kiyota, Takumi	Financial practices in Germany and development of financial theory, Regional Banking
Tamura, Koji	Empirical and theoretical research on the dynamics of marketing channel behavior
Tomizawa, Osami	Fashion business
Honda, Tetsuo	Urban policy, regional management, small and medium-sized business theory
Kawamura, Takaya	Management and organization of knowledge creation in multicultural societies
Mukoyama, Atsuo	Theory and practice of social environmental information disclosure by corporations (social environmental accounting theory)
Yokemoto, Masafumi	Regional environmental policy, urban rejuvenation for environmental restoration, responsibility and burden of cost for environmental damage
Taguchi, Naoki	Economics and history of technology

Class (Master Course)	Instructor	Class (Doctoral Course)	Instructor
<b>[General Subjects]</b>		<b>[Strategic Management]</b>	
Quantitative Methodology	(Takashi Kawashima)	Theories of Management	Norihisa Yoshimura
Qualitative Methodology	Omnibus	Research and Seminar	Chiyoko Shimozaki
Systems Methodology	Class cancelled	Human Resource Management	Akifumi Nakase
		Research and Seminar	Linyu Zhai
<b>[Strategic Management]</b>		Business History	Jinichiro Yamada
Theories of Management	Norihisa Yoshimura	Research and Seminar	Zhiqiang Bo
Research and Seminar	Chiyoko Shimozaki	Corporate Finance	Tetsu Kobayashi
Human Resource Management	Akifumi Nakase	Research and Seminar	
Research and Seminar	Linyu Zhai	Entrepreneurship Strategy	
Business History	Jinichiro Yamada	Research and Seminar	
Research and Seminar	Zhiqiang Bo	Cost Accounting	
Corporate Finance	Tetsu Kobayashi	Research and Seminar	
Research and Seminar		Marketing	
Entrepreneurship Strategy		Research and Seminar	
Research and Seminar			
Cost Accounting		<b>[Management Information]</b>	
Research and Seminar		Operations Management	Masaharu Ota
Marketing		Research and Seminar	Hisao Miyagawa
Research and Seminar		Investment Analysis	Nobuhiro Asano
		Research and Seminar	Hiroyuki Ishikawa
<b>[Management Information]</b>		Financial Accounting	Teruko Takada
Operations Management	Masaharu Ota	Research	Teruaki Fujii
Research and Seminar	Hisao Miyagawa	Business Analysis and Valuation	
Investment Analysis	Nobuhiro Asano	Research and Seminar	
Research and Seminar	Hiroyuki Ishikawa	Statistical Analysis	
Financial Accounting	Teruko Takada	Research and Seminar	
Research and Seminar	Teruaki Fujii	Industrial Statistics	
Business Analysis and Valuation		Research and Seminar	
Research and Seminar			
Statistical Analysis		<b>[International Business]</b>	
Research and Seminar		International Management	Shinichi Ishii
Industrial Statistics		Research and Seminar	○Hiroshi Okano
Research and Seminar		Strategic Management Accounting:	
		Global Emphasis	Kensuke Ogata
<b>[International Business]</b>		Research and Seminar	Nobuhiro Takahashi
International Management	Shinichi Ishii	International Accounting	Yotaro Suzuki
Research and Seminar	○Hiroshi Okano	Research	
Strategic Management Accounting:	Kensuke Ogata	Trade Theory	
Global Emphasis	Nobuhiro Takahashi	Research and Seminar	
Research and Seminar	Yotaro Suzuki	International Location of Industries	
International Accounting		Research and Seminar	
Research and Seminar			
Trade Theory		<b>[Industry Creation]</b>	
Research and Seminar		Monetary Theory and Practice	Takumi Kiyota
International Location of Industries		Research and Seminar	Koji Tamura
Research and Seminar		Marketing and Distribution	Osami Tomizawa
		Research	Tetsuo Honda
<b>[Industry Creation]</b>		Industry	
Monetary Theory and Practice	Takumi Kiyota	Research and Seminar	
Research and Seminar		Regional Management	
		Research and Seminar	

Marketing and Distribution Research and Seminar Industry Research and Seminar Regional Management Research and Seminar	Koji Tamura  Osami Tomizawa  Tetsuo Honda	<b>[Public &amp; Environmental Management]</b>  Organization and Management in Multicultural Society Research and Seminar Social and Environmental Accounting & Reporting Research and Seminar Environmental Policy Research and Seminar Economics of Technology Research and Seminar	Takaya Kawamura   Atsuo Mukoyama   Masafumi Yokemoto  Naoki Taguchi
<b>[Public &amp; Environmental Management]</b>  Organization and Management in Multicultural Society Research and Seminar Social and Environmental Accounting & Reporting Research and Seminar Environmental Policy Research and Seminar Economics of Technology Research and Seminar Healthcare and Social Welfare Management Research 2	Takaya Kawamura  Atsuo Mukoyama  Masafumi Yokemoto  Naoki Taguchi  ☆Shingo Matsumura	For courses offered in 2018, please inquire with the administrative office in charge of the Graduate School of Business at the Student Support Center. ☆: Specially Appointed Professor ○: Professor holding Concurrent Post	

● Graduate School of Economics (TEL 06-6605-2251)

The Graduate School of Business consists of a Master Course and a Doctoral Course, both offering a course called Modern Economics.

	Faculty	Class	Research Field
Markets & Institutions Research Fields	Nakajima, Tetsuya	Modern Economic Theory	Research on economic growth theory and recession theory
	Saito, Kohei	Theories of Modern Capitalism	Research on “Capital: a critique of political economy”, environmental political economics
	Okazawa, Ryosuke	Macroeconomic Analysis	Theoretical research on macroeconomics
	Kitahara, Minoru	Microeconomic Analysis	Applied microeconomics
	Nakajima, Yoshihiro	Economics of Complex Systems	Evolutionary understanding of markets through theory, case studies, and computational experiments
	Mori, Makoto	Dynamic Macroeconomics	Distributions, investment behavior, and economic growth
	Nakamura, Hideki	Quantitative Analyses of Economics	Domestic inequality, effects of mechanization
	Nakagawa, Mitsuru	Statistics	Research on the impact of structural changes with respect to unit root analysis
	Wakamori, Midori	History of Political Economy	Research on the history of thought regarding market societies and economic systems, modern society economic thought
	Nakamura, Kengo	History of Social Thought	Research on Max Weber, European integration and the nation-state, citizenship and human rights
Agents & Capabilities Research Fields	Sugita, Naho	Social Policy	Research on unemployment, irregular employment, poverty, and social exclusion
	Fukuhara, Hiroyuki	Labour Economics	Research on unemployment/irregular employment, poverty and social exclusion
	Weathers, Charles	Comparative Industrial Relations and Political Economic Analysis	Comparative analysis of labor relations in Japan
	Hashimoto, Fumihiko	Information Study for Human Behavior	Model construction for the process of information processing by humans, from data recognition to decision making and action
	Matsumoto, Atsushi	Public-Finance Policy	Public pension system reform, pension taxation, relationship between social security system and tax system in Japan
	Shibata, Jun	Distribution Economics	Analysis of specialization and price formation mechanisms from production to consumption
	Tsuji, Kenji	Monetary Economics	Theoretical model analysis of financial contracts
	Sakagami, Shigeki	Philosophy of Industrial Technologies	Industrial technology theory based on technology history theory
Global & Regional	Ogawa, Ryo	Local Public Finance	Empirical research on regional financing and regional economies

	Uranishi, Shuji	Industrial Economics	Quantitative analysis of regulatory policy for public utilities
	Shigeno, Yukiko	Japanese Economy	Interrelation between Japanese economy and household spending behavior
	Park, Il	A Study on East Asian Economies	Korean region studies, Japan-Korea and Japan-North Korea relations theory, research on international labor mobility
	Hao, Peng	Economic History of Japan	Interrelation between foreign trade and domestic industrial structure, historical research on trade systems and merchant organizations
	Wakimura, Kouhei	Asian Economic History	Formation of the world economy and tropical regions in the contemporary period, socio-economic history of India
	Moriwaki, Shota	Development Economics • Chinese Economy	Empirical research on economic development in Asian countries
	Kubo, Akihiro	International Economics	International macroeconomic analysis regarding financial crises
	Iwanami, Yukari	International Cooperation	International institutions and international security with an emphasis on conflict resolution and third-party intervention

In addition to the above, other classes are provided by professors holding multiple positions inside or outside the university.



● Graduate School of Law (TEL 06-6605-2303)

<Law & Political Science Course>

The Law & Political Science Course consists of a Master Course and Doctoral Course, with classes as displayed in the chart below. Classes in the Doctoral Course are based on those in the Master Course.

Class (Master Course)	Faculty	Class (Master Course)	Faculty	Class (Master Course)	Faculty
Philosophy of Law		Commercial Law 1	Kogaki, Noritake	Comparative Legal Culture Theory	
Sociology of Law	Abe, Masaki	Commercial Law 2	Yoshii, Atsuko	Asian Law 1 (Chinese Law)	Wang, Chen
Legal History of Japan	Yasutake, Takahiko	Commercial Law 3	Takahashi, Eiji	Asian Law 2	
Legal History of the Far East		Commercial Law 4		Political Science	Hieda, Takeshi
Legal History of Europe		Business Law	Yoshii, Atsuko	History of Political Thought	Ubano, Akiko
Roman Law		Intellectual Property Law		Studies on Political Culture/Civilization	Ubano, Akiko
Constitutional Law 1	Abe, Kazufumi	Civil Procedure 1		Japanese Political & Diplomatic History	
Constitutional Law 2		Civil Procedure 2	Tsuruta, Shigeru	European Political and Diplomatic History	Noda, Shogo
Constitutional Law 3	Watanabe, Masaru	Civil Execution and Provisional Remedies Law		International Politics	Nagai, Fumio
Administrative Law 1	Shigemoto, Tatsuya	Insolvency Law	Takata, Kenji	Public Administration	Tezuka, Yosuke
Administrative Law 2	Nishigami, Osamu	Labor Law	Nemoto, Itaru	Public Policy Studies	
Environmental Law		Law of Social Security		Urban Politics	
Criminal Law 1	Kanazawa, Mari	Competition Law		Theory of Political Process	Noda, Shogo
Criminal Law 2	Mishima, Satoshi	International Law		Asian Politics	Nagai, Fumio
Criminal Law 3	Matsukura, Haruyo	Law of International Organizations	Kiriyama, Takanobu	Japanese Diplomacy Theory	
Criminology	※Tunemitsu, Toru	International Economic Law	Taira, Satoru	Comparative Politics	Hieda, Takeshi
Civil Law 1	Moriyama, Hiroe	Private International Law 1	Kunitomo, Akihiko	Urban Policy	
Civil Law 2	Takahashi, Makoto	Private International Law 2	Kunitomo, Akihiko	Local Government	Tezuka, Yosuke
Civil Law 3	Sakaguchi, Kou	International Civil Procedures Law			
Civil Law 4	Sugimoto, Takahisa	Law of International Transactions	Taira, Satoru		
Civil Law 5	Fujii, Narunobu	Anglo-American Law	Katsuta, Takuya	Foreign book subscription	Various professors
Civil Law 6		German Law	Moriya, Kenichi	Special Research	Various professors
		French Law			

Faculty	Research Field	Faculty	Research Field
Abe, Masaki	Economic research on the law implementation process, social theory of law	Tsuruta, Shigeru	Research on multi-party litigation in civil litigation, litigation conduct rights, and legal force of decisions
Yasutake, Takahiko	Comparative research on Edo law and Osaka law in the modern era, criminal law and criminal proceedings in the beginning of the Meiji period	Takata, Kenji	Bankruptcy trustees, business rehabilitation and security rights
Abe, Kazufumi	Constitution (especially freedom of press)	Nemoto, Itaru	Research on labor contract laws in Japan and Germany
Watanabe, Masaru	The immigration control administration and foreigners' human rights, basic labor rights of government officials	Kiriyama, Takanobu	Effect of the activities of international organizations on the development of international law
Shigemoto, Tatsuya	Modern significance of traditional systems for ensuring fulfillment of administrative obligations including administrative enforcement	Taira, Satoru	Relationship between WTO law and other rules of international law: Theory of sovereign immunity in international law
Nishigami, Osamu	Interagency actions, elderly law	Kunitomo, Akihiko	Interpretation of the Act on General Rules for Application of Laws and the Hague Convention on Child Abduction, nationality law
Kanazawa, Mari	Research on criminal attempt, especially voluntary abandonment and withdrawal or renunciation of attempt; comparative research on societal treatment systems for ex-offender rehabilitation	Katsuta, Takuya	Jury system, American constitutional history and judicial system
Mishima, Satoshi	Transparency of police activities and deliberations at mixed jury trials	Moriya, Kenichi	Research on history of modern law in Germany
Matsukura, Haruyo	Right of silence, privilege against self-incrimination	Wang, Chen	Comparative research on civil law, general Chinese law
※ Tunemitsu, Toru	Uniformity of law and order and criminal law	Hieda, Takeshi	Political economics and social security policies of advanced democratic countries
Moriyama, Hiroe	Contract law and family law	Ubano, Akiko	History of political thought in the Renaissance and early modern Europe
Takahashi, Makoto	Damage compensation law	Noda, Shogo	Political system of postwar Germany, European comparative politics
Sakaguchi, Kou	Comparative research on remedies for non-performance under Japanese and German contract law	Nagai, Fumio	International relations in Southeast Asia, Thai politics, comparative local governance in Southeast Asia
Sugimoto, Takahisa	Historical research on contract law systems in Japan, Germany, and France	Tezuka, Yosuke	Government and administration analysis regarding fault and blame, research on the history of postwar administration
Fujii, Narunobu	Comparative research of contract law focused on laws of civil law		

	countries and common law countries, international conventions, and private principles of international commercial contracts		
Yoshii, Atsuko	Comparative research on corporate governance and financial law		
Takahashi, Eiji	Comparative research on corporate law in Japan and Germany, history of acceptance of German commercial law, comparative research on corporate governance		
Kogaki, Noritake	Audit and disclosure system in corporate governance		

※ Resignation planned for March 31st, 2018

<Law School>

Based on the reports of the Justice System Reform Council, the Osaka City University Law School (professional degree) was established as a legal training course. This school aims to train true legal professionals who have advanced legal abilities to respond quickly to various legal problems occurring in the metropolis of Osaka.  
The curriculum and classes of this school are composed in a cumulative fashion that makes for deeper results from studies and develops them in to various fields of law.

	Basic Legal Classes		Basic Legal Practice Classes		Basic Law Related Classes		Developed/Advanced Classes	
	Class	Faculty	Class	Faculty	Class	Faculty	Class	Faculty
1st Year, 1st Semester	Constitutional Rights Civil Law IA Civil Law IB Civil Law II Criminal Law IA	Watanabe, Masaru Sugimoto, Takahisa Sugimoto, Takahisa Takahashi, Makoto Kanazawa, Mari			Philosophy of Law Chinese Law	Wang, Chen	Criminology	Tunemitsu, Toru
1st Year, 2nd Semester	Constitutional Structures Civil Law III Commercial Law Civil Procedure I Criminal Law IB Criminal Law II Criminal Procedure	Watanabe, Masaru Moriyama, Hiroe Yoshii, Atsuko Tsuruta, Shigeru Kanazawa, Mari Tunemitsu, Toru			Sociology of Law Legal History of Japan Anglo-American Law German Law	Abe, Masaki Yasutake, Takahiko Katsuta, Takuya Moriya, Kenichi		
2nd Year, 1st Semester	Administrative Law Public Law Comprehensive Seminar I Civil Law IV Civil Law Comprehensive Seminar I Advanced Seminar on Civil Law III Commercial Law Comprehensive Seminar I Civil Procedure II Criminal Procedure Seminar	Shigemoto, Tatsuya Watanabe, Masaru Moriyama, Hiroe Moriyama, Hiroe Takahashi, Eiji Tsuruta, Shigeru ☆Takami / Mishima	Legal Ethics Elements of Civil Legal Practice	Harada, Hirohiko Harada, Hirohiko	Philosophy of Law Chinese Law	Wang, Chen	Criminology Law of Social Security International Family Law International Civil Procedure Law International Human Rights Law	Tunemitsu, Toru Kunitomo, Akihiko Kunitomo, Akihiko Kiryama, Takanobu
2nd Year, 2nd Semester	Public Law Comprehensive Seminar II Civil Law Comprehensive Seminar II Commercial Law Comprehensive Seminar II Civil Procedure Comprehensive Seminar Criminal Law Comprehensive Seminar Criminal Justice Seminar	Shigemoto, Tatsuya Takahisa, Makoto Kogaki, Noritake Kanazawa, Mari ☆Sugimoto, Yoshifumi	Externship	Harada, Hirohiko	Sociology of Law Legal History of Japan Anglo-American Law German Law	Abe, Masaki Yasutake, Takahiko Katsuta, Takuya Moriya, Kenichi	Tax Law Environmental Law Insolvency Law Consumer Law Labor Law I Competition Law Intellectual Property Law I International Law International Economic Law Law of International Transactions Private International Law(Corporation, Property and Obligation)	Takata, Kenji Nemoto, Itaru ☆Wakui, Masako ☆Matsumura, Nobuo Kiryama, Takanobu Taira, Satoru Taira, Satoru Kunitomo, Akihiko
3rd Year, 1st Semester	Judicial Review and Constitutional Law Advanced Seminar on Civil Law I Advanced Seminar on Civil Law III Recent Developments in Commercial Law Recent Developments in Criminal Justice	Watanabe, Masaru Moriyama, Hiroe Kogaki, Noritake Mishima (Other)	Elements of Criminal Legal Practice Fundamental Theories on the Practice of Public Law Suit Legal Writing Lawyering	☆Takami / ☆ Sugimoto (Yoshifumi) ☆Yamamoto, Kenji ☆Yamamoto, Kenji	Philosophy of Law Chinese Law	Wang, Chen	Financial and Insurance Law Civil Execution and Injunction Civil Rehabilitation, Corporate Reorganization Insolvency Law Seminar Labor Law II Competition Law Seminar Intellectual Property Law II International Law Seminar	Yoshii, Atsuko ☆Nakata, Akira Takata, Kenji Nemoto, Itaru ☆Wakui, Masako ☆Matsumura, Nobuo
3rd Year, 2nd Semester	Recent Developments in Public Law Advanced Seminar on Civil Law II Civil Law Comprehensive Seminar	Watanabe (Other) Sugimoto (Takahisa) / Fujii ☆Nakata, Akira	Civil Mock Trial Criminal Mock Trial Legal Consultation for Small and Medium Size Companies	Harada (Other) ☆Takami, Shuichi Harada (Other)	Sociology of Law Legal History of Japan Anglo-American Law German Law	Abe, Masaki Yasutake, Takahiko Katsuta, Takuya Moriya, Kenichi	Labor Law Seminar Advanced Competition Law Seminar Intellectual Property Law Seminar Small and Medium Size Company Law	Nemoto, Itaru ☆Wakui, Masako ☆Matsumura, Nobuo Omnibus

Only the faculty of this graduate school (including special professors) are listed in the faculty column.

☆ Special Professor.

## ● Graduate School of Literature and Human Sciences (TEL 06-6605-2353)

The Graduate School of Literature and Human Sciences consists of four departments: Philosophy and History, Human Behavioral Science, Language and Culture, and Asian Culture and Urbanism. Some departments plan to increase the number of thesis and research advisors. There may also be changes in the list of part time instructors.

### <Philosophy and History Department>

Course	Name	Research Theme
Philosophy	Nakahara, Takashi	Religious studies, philosophy of religion, history of western modern philosophy
	Takanashi, Tomohiro	Late modern German aesthetics, art theory in modern Japan
	Tsuchiya, Takashi	Ethics, Medical Ethics, Human Rights Studies, Moral Education
	Sakon, Takeshi	Analytic philosophy, contemporary metaphysics
Japanese History	Tsukada, Takashi	Japanese modern history
	Niki, Hiroshi	Japanese medieval history
	Saga, Ashita	Japanese modern and contemporary history
	Kishimoto, Naofumi	Japanese archeology
	Iwashita, Toru	Japanese ancient history

Course	Name	Research Theme
Asian History	Hirata, Shigeki	Chinese pre-modern history
	Nomura, Chikayoshi	Economic history in India in the late modern period
	Ueno, Masayuki	History of West Asia, history of the Ottoman Empire
Western History	Ohguro, Shunji	Italian medieval history
	Kitamura, Masafumi	Social history in late modern period Germany
	Kusabu, Hisatsugu	Byzantine history, the medieval Church

Part-Time  
Lecturers

Wakisaka, Maya (Associate Professor, Faculty of Letters, Otani University)  
 Uegaki, Yutaka (Professor, Faculty of Law, Ryukoku University)  
 Onozawa, Akane (Professor, College of Arts, Rikkyo University)  
 Naganawa, Norihiro (Associate Professor, Hokkaido Slavic-Eurasian Research Center)  
 Ami, Nobuya (Professor, Faculty of Literature, Arts and Cultural Studies, Kindai University)  
 Oshimizu, Yutaka (Associate Professor, Faculty of Education, Shiga University)  
 Nagata, Takuji (Associate Professor, Hannan University)  
 Yamane, So (Professor, Graduate School of Language and Culture, Osaka University)

Classes (Master Course)	Faculty Name
[General Education Subjects] Higher Studies in Human and Culture I Higher Studies in Human and Culture II	Nakahara, Takashi Tsukada, Takashi Hirata, Shigeki Kitamura, Masafumi
[Philosophy Course] Advanced studies in Philosophy Advanced Seminar in Philosophy Advanced Studies in the History of Western Philosophy Advanced Seminar in the History of Philosophy Advanced Studies in Ethics Advanced Seminar in Ethics Advanced Studies in Aesthetics Advanced Seminar in Aesthetics Advanced Studies in the Study of Religion Advanced Seminar in the Study of Religion Advanced Studies in Logic and Philosophy of Science I Advanced Studies in Logic and Philosophy of Science II Comprehensive Studies in Philosophy I	Nakahara, Takashi Takanashi, Tomohiro (Wakisaka, Maya) Takanashi, Tomohiro Tsuchiya, Takashi Tsuchiya, Takashi Takanashi, Tomohiro Takanashi, Tomohiro Nakahara, Takashi Nakahara, Takashi (Cancelled) Tsuchiya, Takashi Nakahara, Takashi Takanashi, Tomohiro Nakahara, Takashi Takanashi, Tomohiro Tsukada, Takashi Nakahara, Takashi Takanashi, Tomohiro Nakahara, Takashi Takanashi, Tomohiro
Comprehensive Studies in Philosophy II	
Supervision of Master's Thesis in Philosophy I	
Supervision of Master's Thesis in Philosophy II	
[Japanese History Course] Advanced Studies in Japanese History I Advanced Seminar in Japanese History 1 Advanced Studies in Japanese History II Advanced Seminar in Japanese History 2 Advanced Studies in Japanese History III Advanced Seminar in Japanese History 3 Advanced Studies in Japanese History IV Advanced Seminar in Japanese History 4 Advanced Studies in Japanese History V Advanced Studies in Japanese History VI Advanced Studies in Archaeology Advanced Seminar in Archaeology Comprehensive Studies in Japanese History I	Iwashita, Toru Iwashita, Toru Niki, Hiroshi Niki, Hiroshi Tsukada, Takashi Tsukada, Takashi Saga, Ashita Saga, Ashita (Ami, Nobuya) (Onozawa, Akane) Kishimoto, Naofumi Kishimoto, Naofumi Tsukada, Takashi Niki, Hiroshi Kishimoto, Naofumi Iwashita, Toru Tsukada, Takashi Niki, Hiroshi Kishimoto, Naofumi Saga, Ashita Iwashita, Toru
Comprehensive Studies in Japanese History II	

Classes (Master Course)	Faculty Name
Supervision of Master's Thesis in Japanese History I	Tsukada, Takashi Niki, Hiroshi Kishimoto, Naofumi Saga, Ashita
Supervision of Master's Thesis in Japanese History II	Tsukada, Takashi Niki, Hiroshi Kishimoto, Naofumi Saga, Ashita
[Asian History Course] Advanced Studies in Oriental History I Advanced Seminar in Oriental History 1 Advanced Studies in Oriental History II Advanced Seminar in Oriental History 2 Advanced Studies in Oriental History III Advanced Seminar in Oriental History 3 Advanced Studies in Oriental History IV Advanced Seminar in Oriental History 4 Advanced Studies in Oriental History V Advanced Studies in Oriental History VI Comprehensive Studies in Oriental History I	(Cancelled) (Cancelled) Hirata, Shigeki Hirata, Shigeki Inoue Toru Inoue Toru Imasawa koji Imasawa koji Sagawa Eiji (Cancelled) Hirata, Shigeki Ueno Masaki Hirata, Shigeki Nomura, Chikayoshi Hirata, Shigeki
Comprehensive Studies in Oriental History II	
Supervision of Master's Thesis in Oriental History I	
Supervision of Master's Thesis in Oriental History II	
Advanced Studies in World History Advanced Seminar in World History	Nomura, Chikayoshi (Yamane, So)
[Western History Course] Advanced Studies in Western History I Advanced Seminar in Western History 1 Advanced Studies in Western History II Advanced Seminar in Western History 2 Advanced Studies in Western History III Advanced Seminar in Western History 3 Advanced Studies in Western History IV Advanced Seminar in Western History 4 Advanced Studies in Western History V Advanced Studies in Western History VI Comprehensive Studies in Western History I	(Cancelled) (Oshimizu, Yutaka) Kusabu, Hisatsugu Kusabu, Hisatsugu Ohguro, Shunji Ohguro, Shunji Kitamura, Masafumi Kitamura, Masafumi (Uegaki, Yutaka) (Cancelled) Ohguro, Shunji Kitamura, Masafumi Kusabu, Hisatsugu Ohguro, Shunji Kitamura, Masafumi Ohguro, Shunji Kitamura, Masafumi
Comprehensive Studies in Western History II	
Supervision of Master's Thesis in Western History I	
Supervision of Master's Thesis in Western History II	

Classes (Doctoral Course)	Faculty in Charge
Supervision of Doctoral Thesis in Philosophy	Nakahara, Takashi; Takanashi, Tomohiro
Supervision of Doctoral Thesis in History	Tsukada, Takashi; Niki, Hiroshi; Kishimoto, Naofumi; Saga, Ashita
Supervision of Doctoral Thesis in Oriental History	Hirata, Shigeki
Supervision of Doctoral Thesis in Western History	Ohguro, Shunji; Kitamura, Masafumi

# <Human Behavioral Science Department>

Course	Faculty Name	Research Theme
Sociology	Shindo, Yuzo	Sociological theory, medical sociology
	Ishita, Saeko	Visual sociology, Media & cultural studies, sociology of knowledge
	Ijichi, Noriko	Sociology of the life world, regional sociology, Korean region research
	Kawano, Eiji	Contemporary society, sociology of social policy
	Sasajima, Hideaki	Urban sociology, art sociology
Psychology	Ikegami, Tomoko	Social Psychology, Research on social identity and social cognition
	Yama, Hiroshi	Cognitive Psychology, Reasoning, Comparative Culture, Thinking
	Kawabe, Koichi	Physiological Psychology
	Saeki, Daisuke	Psychology of Learning, Behavior Analysis
Education	Kashiwagi, Atsushi	Research on the history of Japanese education, history of elementary education system policy, and elementary school education
	Soeda, Haruo	Research on comparative education studies, and research on oral/written language as educational media
	Mori, Hisayoshi	Curriculum and instruction, teacher research
	Shimada, Nozomi	Educational methodology, lesson study
Geography	Mizuuchi, Toshio	Political and social geographic research on urban and national territory development
	Oba, Shigeaki	Geographical research on land and housing problems in Japan and Germany
	Yamazaki, Takashi	Research on political geography in Japan and Okinawa
	Soda, Ryoji	Human geography, Southeast Asian Area Studies
	Kimura, Yoshinari	Geography and information science

Part-Time Lecturers Sato Renya (Professor, Graduate School of Letters, Osaka University)  
Fujishiro, Hiroyuki (Associate Professor, Faculty of Social Sciences, Hosei University)  
Narita, Kenichi (Professor, School of Humanities, Kwansei Gakuin University)  
Tsuji no, Kemma (Associate Professor, Graduate School of Education, Joetsu University of Education)  
Fujihara, Sho (Associate Professor, Institute of Social Science, The University of Tokyo)  
Yuasa, Takamasa (Professor, Chubu University)

Classes (Master Course)	Faculty Name	Classes (Master Course)	Faculty Name
[General Education Subjects]		Supervision of Master's Thesis in Psychology II	Ikegami, Tomoko Yama, Hiroshi
Specific Lecture in Human Behavioral Sciences I	Shindo, Yuzo	[Education Course]	
Specific Lecture in Human Behavioral Sciences II	(Narita, Kenichi)	Higher Studies of Fundamental Problems in Education	Kashiwagi, Atsushi
Specific Lecture in Human Behavioral Sciences III	(Yuasa, Takamasa)	Higher Seminar: Studies of Fundamental Problems in Education	Kashiwagi, Atsushi
Specific Lecture in Human Behavioral Sciences IV	(Sato, Renya)	Higher Studies on Education Practices in Schools I	Shimada, Nozomi
[Sociology Course]		Higher Seminar on Education Practices in Schools 1	Shimada, Nozomi
Fundamental Topics of Sociology I	Shindo, Yuzo	Higher Studies on Education Practices in Schools II	Mori, Hisayoshi
Advanced Seminar in Fundamental Topics of Sociology 1	Shindo, Yuzo	Higher Seminar on Education Practices in Schools 2	Mori, Hisayoshi
Fundamental Topics of Sociology II	Ishita, Saeko	Higher Studies in Special Educational Fields I	(Tsuji no, Kemma)
Advanced Seminar in Fundamental Topics of Sociology 2	Ishita, Saeko	Higher Seminar in Special Educational Fields 1	(Tsuji no, Kemma)
Advanced Studies in Special Sociological Fields I	Ijichi, Noriko	Higher Studies in Special Educational Fields II	Soeda, Haruo
Advanced Seminar in Special Sociological Fields 1	Ijichi, Noriko	Higher Seminar in Special Educational Fields 2	Soeda, Haruo
Advanced Studies in Special Sociological Fields II	Kawano, Eiji	Comprehensive Studies in Education I	Kashiwagi, Atsushi
Advanced Seminar in Special Sociological Fields 2	Kawano, Eiji		Soeda, Haruo
Advanced Studies in Special Sociological Fields III	(Cancelled)		Mori, Hisayoshi
Advanced Seminar in Special Sociological Fields 3	(Cancelled)		Shimada, Nozomi
Advanced Studies in Special Sociological Fields IV	(Fujishiro, Hiroyuki)	Comprehensive Studies in Education II	Kashiwagi, Atsushi
Advanced Seminar in Special Sociological Fields V	(Fujihara, Sho)		Soeda, Haruo
Comprehensive Studies in Sociology I	Shindo, Yuzo		Mori, Hisayoshi
	Ishita, Saeko		Shimada, Nozomi
	Ijichi, Noriko	Supervision of Master's Thesis in Education	Kashiwagi, Atsushi
Comprehensive Studies in Sociology II	Kawano, Eiji	Supervision of Master's Thesis in Education II	Kashiwagi, Atsushi
	Shindo, Yuzo		
	Ishita, Saeko	[Geography Course]	
	Ijichi, Noriko	Graduate Studies on Basic Subjects in Geography	Yamazaki, Takashi
Supervision of Master's Thesis in Sociology I	Kawano, Eiji	Graduate Seminar on Basic Subjects in Geography	Yamazaki, Takashi
	Shindo, Yuzo	Graduate Studies in Geographical Information	Kimura, Yoshinari
	Ishita, Saeko	Graduate Seminar on Basic Subjects in Human Geography	Kimura, Yoshinari
	Ijichi, Noriko	Graduate Studies on Specialized Subjects in Human Geography I	Mizuuchi, Toshio
Supervision of Master's Thesis in Sociology II	Kawano, Eiji	Graduate Seminar on Specialized Subjects in Human Geography 1	Mizuuchi, Toshio
	Shindo, Yuzo	Graduate Studies on Specialized Subjects in Human Geography II	Oba, Shigeaki
	Ishita, Saeko	Graduate Seminar on Specialized Subjects in Human Geography 2	Oba, Shigeaki
	Ijichi, Noriko	Graduate Studies on Specialized Subjects in Human Geography III	Soda, Ryoji
	Kawano, Eiji	Graduate Seminar on Specialized Subjects in Human Geography 3	Soda, Ryoji
[Psychology Course]		Graduate Studies in Geography I	Oba, Shigeaki
Fundamental Topics of Psychology	Ikegami, Tomoko		Mizuuchi, Toshio
Seminar in Fundamental Topics of Psychology	Ikegami, Tomoko		Yamazaki, Takashi
Advanced Studies in Experimental Psychology	Yama, Hiroshi		Soda, Ryoji
Advanced Seminar in Experimental Psychology	Yama, Hiroshi		Kimura, Yoshinari
Advanced Studies in Selected Topics in Psychology	Kawabe, Kouichi	Graduate Studies in Geography II	Oba, Shigeaki
Advanced Seminar in Selected Topics in Psychology 1	Kawabe, Kouichi		Mizuuchi, Toshio
Advanced Studies in Selected Topics in Psychology II	Saeki, Daisuke		Yamazaki, Takashi
Advanced Seminar in Selected Topics in Psychology 2	Saeki, Daisuke		Soda, Ryoji
Advanced Studies in Selected Topics in Psychology III	(Cancelled)		Kimura, Yoshinari
Advanced Seminar in Selected Topics in Psychology IV	(Cancelled)	Preparation for Master's Thesis in Geography I	Oba, Shigeaki
Comprehensive Studies in Psychology I	Ikegami, Tomoko		Mizuuchi, Toshio
	Yama, Hiroshi		Yamazaki, Takashi
	Kawabe, Kouichi		Soda, Ryoji
	Saeki, Daisuke	Preparation for Master's Thesis in Geography II	Oba, Shigeaki
Comprehensive Studies in Psychology II	Ikegami, Tomoko		Mizuuchi, Toshio
	Yama, Hiroshi		Yamazaki, Takashi
	Kawabe, Kouichi		Soda, Ryoji
	Saeki, Daisuke		Oba, Shigeaki



Classes (Doctoral Course)	Faculty in Charge
Supervision of Doctoral Thesis in Sociology	Ishita, Saeko; Shindo, Yuzo; Ijichi, Noriko; Kawano, Eiji
Supervision of Doctoral Thesis in Psychology	Ikegami, Tomoko; Yama, Hiroshi
Supervision of Doctoral Thesis in Education	Kashiwagi, Atsushi
Preparation for Doctoral Thesis in Geography	Oba, Shigeaki; Mizuuchi, Toshio; Yamazaki, Takashi; Soda, Ryoji

# <Language and Culture Department>

Course		Faculty Name	Research Theme
Japanese Language and Literature		Niwa, Tetsuya	Japanese Language (primarily modern grammar)
		Kobayashi, Naoki	Literature of the Middle Ages, mainly narratives and folklore
		Kubori, Hiroaki	Early modern Japanese literature, mainly Bunraku (Japanese traditional puppet theater)
		Okuno, Kumiko	Modern Literature (primarily the Taisho Era)
		Yamamoto, Mayuko	Literature in the Heian Period
Chinese Linguistics and Sinology		Matsuura, Tsuneo	Modern and Contemporary Chinese Literature
		Iwamoto, Mari	Chinese Language (vocabulary, grammar)
		Chou, Shinmin	Chinese Film History
		Oiwamoto, Koji	Chinese Language (phonology)
English and American Language and Literature		Sugii, Masashi	English Literature: Shakespeare's Comedies
		Tanaka, Takanobu	English Literature: Victorian Literature and Culture
		Koga, Tetsuo	English and American Literature: Modern History, theory of contemporary literature
		Richards, Ian	English and American Language and Culture Theory, regional research
		Toyota, Junichi	Linguistics, Cultural Anthropology
German and French Language and Literature	German Language and Literature	Kamitake, Michio	Historical research on German morphology and syntax
		Takai, Kinuko	20th Century German Literature, Literary Theory, Cultural Thought
	French Language and Literature	Hasegawa, Kenichi	18th and 19th century German culture and literature
		Fukushima, Yoshiyuki	French Linguistics, Linguistic Pedagogy, Interaction Theory, French Literature, Theater Theory
Applied Linguistics		Shirata, Yuki	French culture and literature at the end of the 19th century
		Harano, Yoko	French literature and culture of the 20th century
		Seki, Shigeki	Pragmatics (especially discourse analytics)
		Ikari, Yukio	Theory of Linguistics Applied(Research on First, Second and Bilingual Language Processing)
		Yamazaki, Masato	Language structure theory, language information theory
Culture as Representation		Tanaka, Kazuhiko	Pragmatics, Semantics
		Mikami, Masako	20th Century Theater, Expressive Culture Theory
		Odanaka, Akihiro	French theater, comparative theater
		Nozue, Noriyuki	Sexual expression theory, cultural systems theory, visual representation history theory
		Takashima, Yoko	Comparative Culture Theory, comparative research on folk tales and folk lore (especially fairy folklore)
		Ebine, Takeshi	German Culture Research, Visual Theory, Cultural Theory

Part-Time Lecturers Kasuya, Yuichi (Professor, School of International Studies, Kanazawa University)  
Doi, Nobuaki (President, New Deer, Inc.)  
Mizutani, Takashi (Associate Professor, Department of Early Childhood Education, Osaka Women's Junior College)  
Takenouchi, Makoto (Professor, Kyoto University of Foreign Studies)  
Yokose, Senichi (Part-Time Lecturer, Osaka City University)  
Watanabe, Katsuaki (Professor, Graduate School of Language and Culture, Osaka University)

Classes (Master Course)	Faculty Name	Classes (Master Course)	Faculty Name
[General Education Subjects]		Advanced Studies in Chinese Literature I	Oiwamoto, Koji
Advanced Studies in Languages and Cultures I	(Cancelled)	Advanced Studies in Chinese Linguistics 1	Oiwamoto, Koji
Advanced Studies in Languages and Cultures II	Takashima, Yoko	Higher Studies in Chinese Philosophy II	(Takeuchi, Makoto)
Advanced Studies in Languages and Cultures III	Kubori, Hiroaki	Applied Studies in Chinese	Matsuura, Tsuneo
Advanced Studies in Languages and Cultures IV	(Cancelled)		Chou, Shinmin
[Japanese Language and Literature Course]		Comprehensive Studies in Chinese Literature I	Matsuura, Tsuneo
Higher Studies in Japanese Literature I	Kubori, Hiroaki		Chou, Shinmin
Higher Studies and Seminar in Japanese Literature 1	Kubori, Hiroaki	Comprehensive Studies in Chinese Literature II	Matsuura, Tsuneo
Higher Studies in Japanese Literature II	Kobayashi, Naoki		Chou, Shinmin
Higher Studies and Seminar in Japanese Literature 2	Kobayashi, Naoki	Supervision of Master's Thesis in Chinese Literature I	Matsuura, Tsuneo
Higher Studies in Japanese Literature III	(Cancelled)		Iwamoto, Mari
Higher Studies and Seminar in Japanese Literature 3	(Cancelled)		Chou, Shinmin
Higher Studies in Japanese Literature IV	Okuno, Kumiko	Supervision of Master's Thesis in Chinese Literature II	Matsuura, Tsuneo
Higher Studies and Seminar in Japanese Literature 4	Okuno, Kumiko		Iwamoto, Mari
Advanced Studies in Japanese Linguistics	Niwa, Tetsuya		Chou, Shinmin
Advanced Seminar in Japanese Linguistics	Niwa, Tetsuya	[English and American Language and Literature Course]	
Advanced Studies in Japanese Language and Literature	(Mizutani, Takashi)	Advanced Studies in English Literature I	(Cancelled)
Advanced Seminar in Japanese Language and Literature	(Mizutani, Takashi)	Advanced Seminar in English Literature 1	(Cancelled)
Comprehensive Studies in Japanese Language and Literature I	Niwa, Tetsuya	Advanced Studies in English Literature II	Tanaka, Takanobu
	Kobayashi, Naoki	Advanced Seminar in English Literature 2	Tanaka, Takanobu
	Kubori, Hiroaki	Advanced Studies in English Literature III	Sugii, Masashi
	Okuno, Kumiko	Advanced Seminar in English Literature 3	Sugii, Masashi
Comprehensive Studies in Japanese Language and Literature II	Niwa, Tetsuya	Advanced Studies in American Literature	Koga, Tetsuo
	Kobayashi, Naoki	Advanced Seminar in American Literature	Koga, Tetsuo
	Kubori, Hiroaki	Advanced Studies in English and American Culture	Richards, Ian
	Okuno, Kumiko	Advanced Seminar in English and American Culture	Richards, Ian
Supervision of Master's Thesis in Japanese Language and Literature I	Niwa, Tetsuya	Advanced Studies in English Linguistics I	Toyota, Junichi
	Kobayashi, Naoki	Advanced Seminar in English Linguistics 1	Toyota, Junichi
		Advanced Studies in English Linguistics II	(Cancelled)



Supervision of Master`s Thesis in Japanese Language and Literature II	Niwa, Tetsuya Kobayashi, Naoki	Advanced Seminar in English Linguistics 2 Studies in English and American Language and Culture Comprehensive Studies in English and American Language and Literature I	(Cancelled) (Watanabe, Katsuaki) Sugii, Masashi
[Chinese Linguistics and Sinology Course]			Tanaka, Takanobu
Advanced Studies in Chinese Literature	Matsuura, Tsuneo	Comprehensive Studies in English and American Language and Literature II	Sugii, Masashi
Advanced Seminar in Chinese Literature	Matsuura, Tsuneo	Supervision of Master`s Thesis in English and American Language and Literature I	Tanaka, Takanobu
Advanced Studies in Chinese Culture	Chou, Shinmin	Supervision of Master`s Thesis in English and American Language and Literature II	Sugii, Masashi
Advanced Seminar in Chinese Culture	Chou, Shinmin		Tanaka, Takanobu
Advanced Studies in Chinese Linguistics	Iwamoto, Mari		Sugii, Masashi
Advanced Seminar in Chinese Linguistics	Iwamoto, Mari		Tanaka, Takanobu

Classes (Master Course)	Faculty Name	Classes (Master Course)	Faculty Name
[German and French Language and Literature Course]		Advanced Studies in Linguistics Applied III	Yamazaki, Masato
Studies in German and Francophone Language and Culture I	(Cancelled)	Advanced Seminar in Linguistics Applied 3	Yamazaki, Masato
Studies in German and Francophone Language and Culture II	Fukushima, Yoshiyuki	Advanced Studies in Linguistics Applied IV	Tanaka, Kazuhiko
Advanced Studies in German Literature I	Takai, Kinuko	Advanced Seminar in Linguistics Applied 4	Tanaka, Kazuhiko
Advanced Studies and Seminar in German Literature 1	Takai, Kinuko	Advanced Comprehensive Studies in Linguistics Applied I	Seki, Shigeki
Advanced Studies in German Literature II	(Cancelled)		Ikari, Yukio
Advanced Studies and Seminar in German Literature 2	(Hirose, Senichi)		Yamazaki, Masato
Advanced Studies in German Culture	(Cancelled)		Tanaka, Kazuhiko
Advanced Studies and Seminar in German Culture	Takai, Kinuko	Advanced Comprehensive Studies in Linguistics and Information II	Seki, Shigeki
Advanced Studies in German Linguistics	Kamitake, Michio		Ikari, Yukio
Advanced Studies and Seminar in German Linguistics	Kamitake, Michio		Yamazaki, Masato
Advanced Studies in Francophone Literature	Harano, Yoko		Tanaka, Kazuhiko
Advanced Studies and Seminar in Francophone Literature	Harano, Yoko	Supervision of a Master's Thesis in Linguistics Applied I	Seki, Shigeki
Advanced Studies in Francophone Linguistics	Shirata, Yuki		Ikari, Yukio
Advanced Studies and Seminar in Francophon Linguistics	Shirata, Yuki		Yamazaki, Masato
Advanced Studies in French Linguistics	Fukushima, Yoshiyuki		Tanaka, Kazuhiko
Advanced Studies and Seminar in French Linguistics	Fukushima, Yoshiyuki	Supervision of Master's Thesis in Liguistics Applied II	Seki, Shigeki
Advanced Studies in Francophone Language and Culture I	Harano, Yoko		Ikari, Yukio
Advanced Studies in Francophone Language and Culture II	Shirata, Yuki		Yamazaki, Masato
Advanced Studies in European Language and Culture	Kamitake, Michio		Tanaka, Kazuhiko
Higher Studies in Multiculture	(Cancelled)		
Advanced Area Studies in Society and Culture I	(Cancelled)	[Culture as Representation Course]	
Higher Area Studies in Society and Culture II	(Kasuya, Yuichi)	Advanced Studies in Culture and Representation I	Odanaka, Akihiro
Advanced Studies in German and Francophone Language and Culture I	Kamitake, Michio	Advanced Seminar in Culture and Representation 1	Odanaka, Akihiro
	Takai, Kinuko	Advanced Studies in Culture and Representation II	Nozue, Noriyuki
	Fukushima, Yoshiyuki	Advanced Seminar in Culture and Representation 2	Nozue, Noriyuki
	Shirata, Yuki	Advanced Studies in Culture and Representation III	※Mikami, Masako
	Harano, Yoko	Advanced Seminar in Culture and Representation 3	※Mikami, Masako
Advanced Studies in German and Francophone Language and Culture II	Kamitake, Michio	Advanced Studies in Culture and Representation IV	Ebine, Takeshi
	Takai, Kinuko	Advanced Seminar in Culture and Representation 4	Ebine, Takeshi
	Fukushima, Yoshiyuki	Advanced Studies in Culture and Representation V	(Cancelled)
	Shirata, Yuki	Advanced Seminar in Culture and Representation 5	Takashima, Yoko
	Harano, Yoko	Advanced Studies in Culture and Representation VI	(Cancelled)
Research Guidance in German and Francophone Language and Culture I	Kamitake, Michio	Advanced Studies in Selected Topics in Culture and Representatio	(Doi, Nobuaki)
	Fukushima, Yoshiyuki	Comprehensive Studies in Culture and Representation I	※Mikami, Masako
Research Guidance in German and Francophone Language and Culture II	Kamitake, Michio		Odanaka, Akihiro
	Fukushima, Yoshiyuki	Comprehensive Studies in Culture and Representation II	Nozue, Noriyuki
			※Mikami, Masako
[Applied Linguistics Course]			Odanaka, Akihiro
Advanced Studies in Linguistics Applied I	Seki, Shigeki		Nozue, Noriyuki
Advanced Seminar in Linguistics Applied 1	Seki, Shigeki	Supervision of Master's Thesis in Culture and Representation	※Mikami, Masako
Advanced Studies in Linguistics Applied II	Ikari, Yukio		Odanaka, Akihiro
Advanced Seminar in Linguistics Applied 2	Ikari, Yukio	Supervision of Master's Thesis in Culture and Representation	Nozue, Noriyuki
			※Mikami, Masako
			Odanaka, Akihiro
			Nozue, Noriyuki

Classes (Doctoral Course)	Faculty in Charge
Japanese Language and Literature Thesis Guidance	Niwa, Tetsuya; Kobayashi, Naoki; Kubori, Hiroaki
Chinese Linguistics and Sinology Thesis Guidance	Matsuura, Tsuneo; Iwamoto, Mari; Chou, Shinmin
English and American Language and Literature Thesis Guidance	Sugii, Masashi; Tanaka, Takanobu
German and French Language and Literature Thesis Guidance	Kamitake, Michio; Fukushima, Yoshiyuki
Applied Linguistics Thesis Guidance	Seki, Shigeki; Ikari, Yukio; Yamazaki, Masato; Tanaka, Kazuhiko
Culture as Representation Thesis Guidance	※Mikami, Masako; Odanaka, Akihiro; Nozue, Noriyuki

\*Faculty planning to resign on March 31st, 2019

### <Asian Culture and Urbanism Department>

Faculty Name	Research Theme
Nozaki, Mitsuhiro	Living space in cities, classical literature, and traditional culture on the Korean Peninsula (folk religion, Feng Shui, etc.)
Tawada, Hiroshi	Cultural anthropological research in regions of Asia, Islam and politics in modern Malaysia
Sugawara, Mayumi	History of Modern Art in Japan, Media Art in Japan (especially prints), Cultural Property Science (Museology)
Masuda, Satoshi	Popular music studies, Copyright theory, Media Culture
Hori, Madoka	Japanese Studies from Global Perspectives, Comparative Literature and Culture, Cultural History of Interchanges, Literature of Boundaries, Japanese Thought
Amano, Keita	Tourism Sociology, Tourism Media Theory, New Tourism Theory, Urban Tourism Research

Part-Time Lect Hashizumi, Shinya (Special Professor, Research Organization for the 21st Century, Osaka Prefecture University)

Classes (Master Course)	Faculty Name	Classes (Master Course)	Faculty Name
Basic Studies of Asian Culture and Urbanism I	Tawada, Hiroshi	Advanced Seminar in Asian Cultures 1	(Cancelled)
Basic Studies of Asian Culture and Urbanism II	Nozaki, Mitsuhiro	Advanced Studies in Asian Cultures II	Nozaki, Mitsuhiro
	Masuda, Satoshi	Advanced Seminar in Asian Cultures 2	Nozaki, Mitsuhiro

Advanced Studies in Urban Cultures	Masuda, Satoshi	Advanced Studies in Asian History	(Cancelled)
Advanced Seminar in Urban Environment	Masuda, Satoshi	Advanced Seminar in Asian History	(Cancelled)
Advanced Studies in Urban Environment	Sugawara, Mayumi	Advanced Studies in Asian Culture and Ethnicity	Tawada, Hiroshi
Advanced Seminar in Urban Environment	Sugawara, Mayumi	Advanced Seminar in Asian Culture and Ethnicity	Tawada, Hiroshi
Advanced Studies in Asian Cultures I	(Cancelled)	Higher Comparative Studies in Asian Culture	Hori, Madoka
		Higher Comparative Studies and Seminars in Asian Culture	Hori, Madoka

Classes (Master Course)	Faculty Name
Asia Osaka Comparative Culture and Urbanism Research I	(Cancelled)
Asia Osaka Comparative Culture and Urbanism Research II	(Cancelled)
Asia Comparative Language and Culture Research	(Cancelled)
Advanced Studies in Asian Culture and Tourism	Amano, Keita
Advanced Seminar in Asian Culture and Tourism	Amano, Keita
Special Lecture on Asian Culture and Urbanism I	(Hashizumi, Shinya)
Special Lecture on Asian Culture and Urbanism II	(Cancelled)
Comprehensive Studies in Asian Culture and Urbanism I	Nozaki, Mitsuhiro
	Tawada, Hiroshi
	Masuda, Satoshi
	Hori, Madoka
	Amano, Keita
Comprehensive Studies in Asian Culture and Urbanism II	Nozaki, Mitsuhiro
	Tawada, Hiroshi
	Masuda, Satoshi
	Hori, Madoka
	Amano, Keita
	Nozaki, Mitsuhiro
Supervision of Master's Thesis in Asian Culture and Urbanism I	Tawada, Hiroshi

Classes (Master Course)	Faculty Name
Supervision of Master's Thesis in Asian Culture and Urbanism II	Nozaki, Mitsuhiro
	Tawada, Hiroshi
Classes (Second Phase Doctoral Program)	Faculty Name
Supervision of Doctoral Thesis in Asian Culture and Urbanism	Nozaki, Mitsuhiro
	Tawada, Hiroshi
	Sugawara, Mayumi
[Comparative Culture]	
Comparative Study of Asian Culture I	Nozaki, Mitsuhiro
Comparative Study of Asian Culture II	(Cancelled)
[Culture and Urbanism]	
Study of Urban Culture in Asia I	Sugawara, Mayumi
Study of Urban Culture in Asia II	Tawada, Hiroshi

### <Graduate School of Literature and Human Sciences Master Course General Education Subjects>

Part-Time Leigh, Elizabeth (Specially Appointed Associate Professor, English Education Development Center, Osaka City University)

Lecturers Lai, Wai Ling (Associate Professor, Nagoya Univ Langley, Raymond G. (Associate Professor, Oita University)

Classes (First Phase Doctoral Program)	Faculty Name
Comparative Cultural Exchange I	IS Operation
Comparative Cultural Exchange II	Chairperson,
International Culture and Urbanism Theory I	(Cancelled)
International Culture and Urbanism Theory II	(Cancelled)
International Society and Urbanism Theory I	(Cancelled)
International Society and Urbanism Theory II	(Cancelled)
Academic Communication Course I	(Leigh, Elizabeth)
Academic Communication Course II	(Leigh, Elizabeth)

# ● Graduate Department of Science (TEL 06-6605-2504)

## <Mathematics & Physics Department

Course	Specialization	Faculty	Research Theme
Mathematical Structures Theories - A1	Algebraic Systems Representation Theory Manifold Theory Topology	Kaneda, Masaharu Kanenobu, Taizo Kamada, Seichi Furusawa, Masaaki Masuda, Mikiya Akiyoshi, Hirotaka Miyachi, Hyoue Yoshida, Masamichi Sano, Takamichi	Representation theory of algebraic groups and quantum groups Knot Theory Knots and 3- and 4-dimensional topology Research on automorphic forms and automorphic L-functions Geometry of transformation groups Hyperbolic geometry and 3-dimensional manifold theory Hecke algebras, representation theory and categorification Ergodic theory, theory of operator algebras associated with dynamical systems Special values of L-functions and Iwasawa theory
Mathematical Analysis - A2	Real/Complex Analysis Probability Theory Applied Mathematics Algebraic Analysis Differential Geometry Partial Differential Equations	Ohnita, Yoshihiro Okado, Masato Takahashi, Futoshi Tanizaki, Toshiyuki Abe, Ken Kato, Shin Takeuchi, Atsushi Nishio, Masaharu Hamano, Sachiko Dateyama, Masahito	Differential geometry, harmonic map theory Integrable systems and representation theory Variational methods, nonlinear partial differential equations Algebraic analysis (application to representation theory) Partial differential equations Global analysis (geometric analysis on manifolds) Stochastic analysis Potential theory Complex analysis, function theory of several complex variables Research on dynamical systems related to ergodic theory
Fundamental Physics - A3	Mathematical Physics Astrophysics Nuclear Theory Elementary Particle Theory	Ishihara, Hideki Itoyama, Hiroshi Hamabata, Hiromitsu Nakao, Ken-ichi Arima, Masaki Maru, Nobuhito Moriyama, Sanefumi	Relativistic astrophysics Quantum field theory and string theory Theoretical Space Plasma Physics Astrophysics and theory of gravity Quark model and hadron-hadron interaction Particle physics beyond the standard model based on supersymmetry and extra dimensions String theory and gauge theory
Astroparticle and High Energy Physics - A4	Gravitational Wave Experimental Physics Astro/Elementary Particle Physics Experimental Physics High Energy Physics Cosmic Ray Physics	Kanda, Nobuyuki Seiya, Yoshihiro Ogio, Shoichi Yamamoto, Kazuhiro Nakano, Eiichi Tsunesada, Yoshiki Iwasaki, Masako	Experimental Gravitational Wave Physics High energy physics, neutrino physics, proton-antiproton collision experiments High energy cosmic ray observation, particle beam astronomy High energy physics (neutrino physics, lepton flavor physics, proton-antiproton collisions) Experimental Particle Physics and Cosmic Ray Observation High energy cosmic ray physics Elementary particle experimental physics using electron/positron collision accelerators
Condensed Matter Physics - A5	Elementary Condensed Matter Physics Laser Quantum Physics Elementary Particle Physics Biological/Structural Physics Optical Physics Ultra Low Temperature Physics	Ishikawa, Osamu Tsubota, Makoto Oguri, Akira Inouye, Shin Yano, Hideo Sugisaki, Mitsuru Kanemoto, Katsuichi Obara, Ken Nishikawa, Yuunori Takeuchi, Hiromitsu	Low Temperature Physics and Phase Transitions in Quantum Liquid Theory of Condensed-matter Physics: Quantum Fluids and Solids Condensed matter theory: Low energy quantum states, manybody effect of electron systems Laser cooling experiments and Bose-Einstein condensates of gases Ultra Low Temperature Physics: Defects in Quantum Condensates Elucidation of structure and the energy transmission function in the photosynthesis system Optical, spin, and device properties of organic semiconductors Ultra Low Temperature Physics: Sounds in Quantum Liquid Condensed Matter Theory/Quantum Transport Theory Strongly Correlated Electron Systems Condensed matter theory: Quantum fluids mechanics

Classes (Master Course)	Faculty
(Mathematical Structure Theories) Topics in Mathematical Structures 1 Topics in Mathematical Structures 2 Topics in Mathematical Structures 3 Topics in Mathematical Structures 4 Advanced Algebra I Advanced Algebra II Advanced Algebra III Advanced Algebra IV Advanced Geometry I Advanced Geometry II Advanced Geometry III Advanced Geometry IV Selected Topics in Algebraic Structures I・II Selected Topics in Algebraic Structures III・IV Selected Topics in Geometric Structures I・II Selected Topics in Geometric Structures III・IV Exercises in Mathematical Structures (Mathematical Analysis) Mathematical Analysis 1 Mathematical Analysis 2 Mathematical Analysis 3 Mathematical Analysis 4 Advanced Analysis I Advanced Analysis II Advanced Analysis III Advanced Analysis IV Introduction to Mathematics I Introduction to Mathematics II Selected Topics in Analysis I・II Selected Topics in Analysis III・IV Exercises in Mathematical Analysis (Fundamental Physics) Quantum Field Theory Theory of Elementary Particles Mathematical Methods of Physics Plasma Physics Fluid Mechanics Relativistic Theory of Gravitation Relativistic Astrophysics Nuclear Physics I Nuclear Physics II Selected Topics in Fundamental Physics IA Selected Topics in Fundamental Physics IB Selected Topics in Fundamental Physics IIA Selected Topics in Fundamental Physics IIB Selected Topics in Fundamental Physics IIC Exercises in Fundamental Physics (Astroparticle and High Energy Physics) High Energy Physics I High Energy Physics II Cosmic Ray Physics I Cosmic Ray Physics II Experimental Physics of Cosmic rays and Elementary Particles I Experimental Physics of Cosmic rays and Elementary Particles II Experimental Physics of Gravitational Waves Astrophysics Selected Topics in Astro and High Energy Physics I Selected Topics in Astro and High Energy Physics II Selected Topics in Astro and High Energy Physics III Selected Topics in Particle Physics I Selected Topics in Particle Physics II Selected Topics in Particle Physics III Exercises in Astro and High Energy Physics (Condensed Matter Physics) Condensed Matter Physics I Condensed Matter Physics II Quantum Statistical Physics I Quantum Statistical Physics II Low Temperature Physics Optical Properties of Condensed Matter Atomic Physics Low Temperature Solid State Physics Selected Topics in Solid Physics IA Selected Topics in Solid Physics IB Selected Topics in Solid Physics IIA Selected Topics in Solid Physics IIB Selected Topics in Condensed Matter IA Selected Topics in Condensed Matter IB Selected Topics in Condensed Matter Physics IIA Selected Topics in Condensed Matter Physics IIB Exercises in Condensed Matter Physics (Interdisciplinary Classes) Mathematical Sciences A Mathematical Sciences B Mathematical Sciences C Selected Topics in Mathematical Sciences I・II Mathematical Physics I Mathematical Physics II Mathematical Physics III Mathematical Physics IV Computational Science Selected Topics in Mathematical Physics I Selected Topics in Mathematical Physics II Selected Topics in Mathematical Physics III International Advanced Research Course for Master's Thesis of Science 1/2 (Special Research Class) Advanced Research Course for Master's Thesis of Science	Kaneda, Masaharu/Miyachi, Hyoue Akiyoshi, Hirotaka/Kanenobu, Taizo Furusawa, Masaaki/Sano, Takamichi Kamada, Seichi/Akiyoshi, Hirotaka Tanisaki, Toshiyuki Miyachi, Hyoue Sano, Takamichi Sano, Takamichi Masuda, Mikiya Akiyoshi, Hirotaka Kanenobu, Taizo Kamada, Seichi  (Abe, Noriyuki) (Nakagawa, Yasuhiro)  Various faculty members  Nishio, M./Takeuchi, A./Abe, K. Ohnita, Y./Dateyama, M./Takashi, F. Takeuchi, A./Yoshida, M. Kato, Shin/Okado, Masato Hamano, Sachiko Yoshida, Masamichi Abe, Ken Nishio, Masaharu Takeuchi, A./Dateyama, M./Others Yoshida, Masamichi/Miyachi, Hyoue (Noguchi, Junjiro)  Various faculty members  Arima, Masaki/Maru, Nobuhito Maru, Nobuhito Hamabata, Hiromitsu Hamabata, Hiromitsu Hamabata, Hiromitsu Ishihara, Hideki/Nakao, Ken-ichi Ishihara, Hideki/Nakao, Ken-ichi (Kikuchi, Yuma)/(Sato, Hirotaka) Arima, Masaki (Taki, Masato)    Various faculty members  Yamamoto Kazuhiro Seiya, Yoshihiro Seiya, Yoshihiro Tsunesada, Yoshiki Ogio, Shoichi Nakano, Eiichi Iwasaki, Masako Kanda, Nobuyuki/Taguchi Hideyuki Kanda, N./Tsunesada, Y./Yamamoto, K.  (Ishihara, Yano)  (Aoki, Masaharu)  Various faculty members  Ishikawa, Osamu Inouye, Shin Tsubota, M./Takeuchi, H. Oguri, A./Takeuchi, H. Ishikawa, Osamu/Obara, Ken Kanemoto, K./Sugisaki, M. Inouye, Shin Yano, Hideo  (Ashida, Masaaki)  (Fukuyama, Hiroshi)  Various faculty members  (Park, Seonjong) (Harada, Megumi) (Yasumoto, Masashi)  Itoyama, Hiroshi Moriyama, Sanefumi Ishihara, Hideki Moriyama, Sanefumi Kanda, Nobuyuki (Nakano, Hiroyuki)  Various faculty members  Various faculty members

Classes (Doctoral Course)	Faculty
Seminar in Mathematical Analysis	Various faculty
Seminar in Mathematical Structures	Various faculty
Seminar in Fundamental Physics	Various faculty
Seminar in Astroparticle and High Energy Physics	Various faculty
Seminar in Condensed Matter Physics	Various faculty
International Advanced Research Course 1・2・3	Various faculty
Advanced Research Course for Doctoral Thesis of Science	Various faculty

### 2017 Part-Time Instructors

Abe, Noriyuki (Hokkaido University)

Nakagawa, Yasuhiro (Saga University)

Noguchi, Junjiro (The University of Tokyo)

Taki, Masato (RIKEN)

Ishihara, Aya (Chiba University)

Aoki, Masaharu (Osaka University) Ashida,

Masaaki (Osaka University) Fukuyama,

Hiroshi (The University of Tokyo) Nakano,

Hiroyuki (Ryukoku University)

\*Names in parentheses are part-time and

specially appointed lecturers.

## <Division of Molecular Materials Science>

Course	Specialization	Faculty	Research Theme
Creative Molecular Science	<div>Quantum Functional Materials</div> <div>Molecular Physical Chemistry</div> <div>Physical Organic Chemistry</div> <div>Applied Chemistry</div> <div>Hybrid Molecular Chemistry</div> <div>Biophysical Chemistry</div> <div>Hybrid Molecular Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div> <div>Biophysical Chemistry</div>	Teki, Yoshio	Study of magnetic properties, photoexcited states of organic spin systems, molecular devices
		Sato, Kazunobu	Electronic states of molecular organic magnetic compounds, development of new electronic magnetic resonance spectroscopy, development of molecular spin quantum computers
		Kozaki, Masatoshi	Organic material chemistry; Creation of functional macromolecules with well-organized structures
		Tsuboi, Yasuyuki	Nano and micro analytical chemistry and spectroscopic measurement
		Nakajima, Hiroshi	Development of functional materials based on metalloproteins
		Moriuchi, Toshiyuki	Innovation of hybrid molecular systems
		Yatsushashi, Tomoyuki	Interaction between high intensity ultrashort pulse lasers and molecules
		Nishimura, Takahiro	Development of catalytic asymmetric synthesis reactions
		Matsushita, Toshio	Theoretical chemistry
		Shiomi, Daisuke	Magnetism and magnetic resonance of crystalline organic solids
		Nishioka, Takanori	Design of functional complexes and inorganic materials
		Yoshino, Harukazu	Transport phenomena of low dimensional conductors and the search for highly efficient thermoelectric materials
		Sakota, Kenji	Elucidation of functional representation mechanisms in complex molecular systems
		Toyota, Kazuo	Theoretical chemistry and computational chemistry concerning magnetism and excited states of molecules
		Itazaki, Masumi	Development of molecular conversion reactions by transition metallic complexes
		Fujiwara, Masazumi	Research on development and application of innovative molecular function measurement techniques based on quantum nanophotonics
		Shoji, Tatsuya	Microscopic spectroscopic analysis of molecules in nonequilibrium open systems
Functional Molecular Science	<div>Structural Biochemistry</div> <div>Synthetic Organic Chemistry</div> <div>Molecular Chemistry</div> <div>Functional Chemistry</div> <div>Organic Reaction Chemistry</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div> <div>Artificial Photosynthesis</div>	Kamiya, Nobuo	Enzyme reaction chemistry in the crystal phase, function control mechanisms of protein supramolecules
		Morimoto, Yoshiki	Synthetic organic chemistry and natural organic chemistry
		Shinada, Tetsuro	Research on synthesis of advanced bioresponsive substances
		Amao, Yutaka	Design and creation of functional molecules for construction of artificial photosynthetic systems
		Sato, Tetsuya	Development of organic synthesis reactions using catalysts
		Shinoda, Satoshi	Development and function of molecular recognition elements
		Sakaguchi, Kazuhiko	Design and control of reactive species and development of molecular conversion methods
		Usuki, Yoshinosuke	Bioorganic chemistry: Structure determination, synthesis, and functional analysis of biologically active substances
		Miyake, Hiroyuki	Creation and functionalization of dynamic supramolecular complexes
		Miyahara, Ikuko	Three-dimensional structures and functions of proteins
		Fujii, Ritsuko	Photochemistry and structure of photosynthetic functional molecules
		Tachi, Yoshimitsu	Creation and development of functional molecules by elucidation of biological functions and precise control of molecular structures
		Nishikawa, Keisuke	Synthesis of highly active natural organic compounds, development of new synthesis methods
		Yasuno, Yoko	Research on synthesis of biological function control molecules and chemical biology

Classes (Master Course)	Faculty
(Foundational Classes)	
Core Organic Chemistry	Morimoto, Yoshiki/Shinada, Tetsuro
Core Inorganic Chemistry	Itazaki, Masumi/Miyake, Hiroyuki
Core Physical Chemistry	Sato, Kazunobu/Yatsushashi, Tomoyuki
(Fundamental Classes)	
Creative Molecular Science	Teki, Yoshio/Nakajima, Hiroshi
Functional Molecular Science	Sato, Tetsuya/Nishimura, Takahiro
(Creative Molecular Science)	
Creative Advanced Organic Chemistry I	Kozaki, Masatoshi
Creative Advanced Organic Chemistry II	Sato, Tetsuya/Hinoue, Tomoaki
Creative Advanced Organic Chemistry III	Nakazawa, Hiroshi
Creative Advanced Inorganic Chemistry I	Tsuboi, Yasuyuki
Creative Advanced Inorganic Chemistry II	Nishioka, Takanori
Creative Advanced Inorganic Chemistry III	Hirotsu, Masakazu/Shoji, Tatsuya
Creative Advanced Physical Chemistry I	Matsushita, Toshio
Creative Advanced Physical Chemistry II	Shiomi, Daisuke
Adv Creative Molecular Physical Chemistry III	Yoshino, Harukazu
Creative Advanced Molecular Science	Toyota, Kazuo
Exercises in Creative Molecular Science (Functional Molecular Science)	Various faculty members
Functional Advanced Organic Chemistry I	Shinada, Tetsuro/Yasuno, Yoko
Functional Advanced Organic Chemistry II	Sakaguchi, Kazuhiko
Functional Advanced Organic Chemistry III	Usuki, Yoshinosuke
Functional Advanced Inorganic Chemistry	Shinoda, Satoshi
Functional Advanced Physical Chemistry I	Miyahara, Ikuko
Functional Advanced Physical Chemistry II	Kamiya, Nobuo
Adv Functional Molecular Physical Chemistry III	Sakota, Kenji
Functional Advanced Molecular Science	Tachi, Yoshimitsu
Functional Advanced Biophysical Chemistry I	Amao, Yutaka
Functional Advanced Biophysical Chemistry II	Fujii, Ritsuko
Exercises in Functional Molecular Science	Various faculty members
(Interdisciplinary Classes)	
Ethics, Philosophy, and Safety in Science	Tsuboi, Yasuyuki/Nishioka, Takanori/Shinada, Tetsuro
International Seminar	Specialization faculty
International Advanced Research Course for Master's Thesis of Science 1/2 (Special Lectures)	Various faculty members
Selected Topics in Creative Organic Chemistry 1	(Kubo, Takashi)
Selected Topics in Creative Organic Chemistry 2	
Selected Topics in Creative Inorganic Chemistry 1	(Yamamoto, Yasuhiko)
Selected Topics in Creative Inorganic Chemistry 2	
Selected Topics in Creative Physical Chemistry 1	(Hasegawa, Junya)
Selected Topics in Creative Physical Chemistry 2	
Selected Topics in Functional Organic Chemistry 1	(Okino, Tatsufumi)
Selected Topics in Functional Organic Chemistry 2	
Selected Topics in Functional Inorganic Chemistry 1	(Yagai, Shiki)
Selected Topics in Functional Inorganic Chemistry 2	
Selected Topics in Functional Physical Chemistry 1	(Takeda, Kazuki)
Selected Topics in Functional Physical Chemistry 2	
Selected Topics in Exploring Molecular Chemistry 1	(Suzuki, Takayoshi)
Selected Topics in Exploring Molecular Chemistry 2	
Selected Topics in Integrated Molecular Chemistry 1	(Murai, Toshiaki)
Selected Topics in Integrated Molecular Chemistry 2 (Special Research Classes)	
Advanced Research Course for Master's Thesis of Science	Various faculty members
(Graduate School Common Classes)	
Advanced Technology and Science in Chemical Industry	(Watanabe, Eiji)
	(Iwasaki, Katsuhiko)
	(Nakamura, Tomohisa)
	(Mimura, Taku)
	(Shima, Motoyuki)
	(Abe, Koji)
	(Tsuneki, Hideaki)
(All Specializations Common Classes)	
Science English	(Horijo, Katsuhiko)

Classes (Doctoral Course)	Faculty
Seminar in Creative Molecular Science	Various faculty members
Seminar in Functional Molecular Science	Various faculty members
Leadership Training Program	Nakazawa, Hiroshi; others
Academic Exchange Study	Teki, Yoshio; others
Interdisciplinary Planner Training Program	Kamiya, Nobuo; others
International Advanced Research Course for Doctoral Thesis of Science 1 - 3	Various faculty members
Advanced Research Course for Doctoral Thesis of Science	Various faculty members

### 2017 Part Time Lecturers

Kubo, Takashi (Osaka University)	Watanabe, Eiji (Mitsui Chemicals, Inc.)
Yamamoto, Yasuhiko (University of Tsukuba)	Iwasaki, Katsuhiko (Sumitomo Chemical Co., Ltd.)
Hasegawa, Junya (Hokkaido University)	Nakamura, Tomohisa (Mitsubishi Chemical Corporation)
Okino, Tatsufumi (Hokkaido University)	Mimura, Taku (Kao Corporation)
Yagai, Shiki (Chiba University)	Shima, Motoyuki (JSR Corporation)
Takeda, Kazuki (Kyoto University)	Abe, Koji (Ube Industries, Ltd.)
Suzuki, Takayoshi (Okayama University)	Tsuneki, Hideaki (Nippon Shokubai Co., Ltd.)
Murai, Toshiaki (Gifu University)	

## <Biology and Geosciences Department>

Course	Specialization	Name	Research Theme	Classes (Master Course)	Faculty		
Science of Biomolecules・C1	Functional Biomolecules Science Functional Biological Low Molecular Science Functional Metabolic Regulation Science	Tanaka, Toshio Terakita, Akihisa	Search for and action mechanism of antifungal antibiotics Diversity and structure/function relationship of proteins involved in signal transduction	(Science of Biomolecules) Advanced Metabolic Biochemistry Advanced Microbiological Chemistry I Advanced Microbiological Chemistry II Advanced Enzyme Chemistry Advanced Biology of Functional Proteins I Advanced Biology of Functional Proteins II Selected Topics in Sciences of Biomolecules I Selected Topics in Sciences of Biomolecules II Exercises in Science of Biomolecules	Masui, Ryoji Fujita, Ken'ichi Tanaka, Toshio Ito, Kazuo Koyanagi, Mitsumasa Terakita, Akihisa (Oka, Shogo)		
		Masui, Ryoji Ito, Kazuo	Molecular mechanisms of DNA repair and posttranslational modification Function and structures of enzymes and activity regulation/In vivo function and application development of carbohydrates and sugar chain-related enzymes/Limited proteolysis function		Various faculty members		
		Fujita, Ken'ichi Koyanagi, Mitsumasa	Search for and action mechanisms of substances that control drug resistance Diversity of structures and functions of photoreceptor proteins				
		Functional Biosciences・C2	Functional Cellular Biology Functional Plant Biology Functional Animal Biology	Hoson, Takayuki Miyata, Makoto Komiya, Tohru	Plant growth regulation and environmental response mechanisms Mechanisms of mycoplasma gliding motility Isolation and analysis of molecules constituting germ cell determinants of the frog species <i>xenopus laevis</i>	(Functional Biosciences) Advanced Biology of Plant Functions I Advanced Biology of Plant Functions II Advanced Animal Development I Advanced Animal Development II Advanced Molecular Cell Biology I Advanced Molecular Cell Biology II Selected Topics in Sciences of Molecular Biofunctions I Selected Topics in Sciences of Molecular Biofunctions II Exercises in Molecular Biofunctions	Soga,Kouchi/Hoson,Takayuki Wakabayashi, Kazuyuki Komiya, Tohru Komiya, Tohru Nakamura, Taro Miyata, Makoto (Noji, Hiroyuki)
				Wakabayashi, Kazuyuki Nakamura, Taro Mizuno, Toshiro Soga, Kouichi	Structure and functions of plant cell walls Molecular mechanisms of sexual reproduction in fission yeast Intercellular interaction mesoderm induction Plant growth and morphogenesis due to environmental factors		Various faculty members
Functional Biology of Natural History・C3	Plant Evolution and Adaptation Informatic Biology Functional Plant Biology Functional Animal Biology			Kohda, Masanori Yamada, Toshihiro Itoh, Akira Uematsu, Chiyomi Goto, Shinsuke Nanami, Satoshi	Behavioral ecology and cognitive behavioral studies of vertebrates Plant Evo/Devo and paleobotany Plant regenerative processes and diverse coexistence mechanisms Molecular biology of flower color and shape Physiological adaptations of animals to changing environments Bionomic characteristics and regenerative maintenance mechanisms of forest plants	Advanced Functional Biology Advanced Sociorecology I Advanced Sociorecology II Advanced Information Biology I Advanced Information Biology II Advanced Genetics of Plant Evolution Selected Topics in Functional Biology of Natural History I Selected Topics in Functional Biology of Natural History II Exercises in Functional Biology of Natural History	Itoh, Akira Kohda, Masanori Awata, Satoshi Goto, Shinsuke Goto, Shinsuke
				Koi, Satoshi Awata, Satoshi Fuchikawa, Taro	Plant diversity and adaptive evolution Behavioral ecological research on the mating strategies of fish Rhythm ecology of animal societies	Advanced Functional Biology Advanced Sociorecology I Advanced Sociorecology II Advanced Information Biology I Advanced Information Biology II Advanced Genetics of Plant Evolution Selected Topics in Functional Biology of Natural History I Selected Topics in Functional Biology of Natural History II Exercises in Functional Biology of Natural History	(Kohchi, Takayuki) Various faculty members
				Environmental Geoscience・C4	Ecological Informatics Human-Soci Structural Science Anthropogenic Natural Science	Masumoto, Shinji Mitamura, Muneki Yamaguchi, Satoru Haraguchi, Tsuyoshi Inoue, Jun Nemoto, Tatsuya	Formulation and representation methods for geological information Quaternary Geology, Urban Geology: Ground properties in urbanized area Geophysical research of the structural state of seismically active areas Urban geological engineering, disaster prevention geological engineering Quaternary Research: History of interaction between humans and nature Sharing and utilization of geological information
						Selected Topics in Environmental Geoscience I Selected Topics in Environmental Geoscience II Selected Topics in Environmental Geoscience III Selected Topics in Environmental Geoscience IV Exercises in Environmental Geoscience (Evolution of Lithosphere, Hydrosphere and Biosphere)	(Yamamoto, Koshi)
		Evolution of Lithosphere, Hydrosphere, and Biosphere・C5	Ecobiosphere Petrology Cosmobiology			Ezaki, Yoichi Masuda, Harue Shinoda, Keiji Okudaira, Takamoto Sakuyama, Tetsuya	History of global environmental changes: Phylogeny of fossilized cnidarian animals Mass transfer due to water circulation in the surface layer of the crust Vibration spectroscopic study of minerals under high temperature and high pressure Crustal dynamics and structural petrology Magma formation and differentiation processes and geochemical evolution of the mantle
						Selected Topics in Evolution of Lithosphere, Hydrosphere and Biosphere I Selected Topics in Evolution of Lithosphere, Hydrosphere and Biosphere II Selected Topics in Evolution of Lithosphere, Hydrosphere and Biosphere III Selected Topics in Evolution of Lithosphere, Hydrosphere and Biosphere IV Exercises in Evolution of Lithosphere, Hydrosphere and Biosphere (Interdisciplinary Classes)	Various faculty members
						Functional Ecology Environmental Adaptation Plant Science Selected Topics in Global Change of Bioreenvironment I Selected Topics in Global Change of Bioreenvironment II Selected Topics in Global Change of Bioreenvironment III Selected Topics of Advanced Biology Geoinformatics Earth Evolution System International Advanced Research Course for Master's Thesis of Science 1/2 (Special Research Classes)	Nanami, Satoshi Iino, Moritoshi (Adachi, Natsuko)
				Advanced Research Course for Master's Thesis of Science (Common Classes) Science English	Various faculty members		
					(Honjo, Katsuhiko)		

Classes (Doctoral Course)	Faculty
Seminar in Sciences of Biomolecules	Various faculty members
Seminar in Sciences of Molecular Biofunctions	Various faculty members
Seminar in Functional Biology of Natural History	Various faculty members
Seminar in Environmental Geoscience	Various faculty members
Seminar in Evolution of Lithosphere, Hydrosphere, and Biosphere	Various faculty members
International Advanced Research Course for Doctoral Thesis of Science 1・3	Various faculty members
Advanced Research Course for Doctoral Thesis of Science	Various faculty members

2017 Part-Time Instructors

Oka, Shogo (Kyoto University)

Yamamoto, Koshi (Nagoya University)

\*Parentheses indicate part-time or specially appointed instructors.

☆ Stars indicate classes provided by the Graduate School for Creative Cities.

## ● Graduate School of Engineering (TEL: 06-6605-2651)

The Graduate School of Engineering has four courses: Mechanical and Physical Engineering, Physical Electronics and Informatics, Applied Chemistry and Bioengineering, and Urban Engineering

### <Mechanical and Physical Engineering>

Research Theme # and Theme Name	Name	Research Theme
1 Environmental Thermal Engineering	Nishimura, Nobuya	Improving performance of absorption type refrigerators, study of urban air conditioning systems concerning heat islands, recycling solar thermal energy, research on bio cogeneration
2 Thermal Process Engineering	Iyota, Hiroyuki	Measurement and control of humidity in high temperature and high humidity ranges, analysis of heat and mass transfer phenomena of (food processing, drying, and disinfection) production facilities which use superheated steam or high humidity air, optimizing design and improving performance of equipment
3 Fluid Engineering	Katoh, Kenji Wakimoto, Tatsuro	Dynamics of solid and liquid wetting, stability of surfactant aqueous solutions on thin film, non-similarity of momentum and heat transport in turbulence, development of measurement methods for dynamic surface tension, development of wave power generation systems, fine particle removal mechanism using high speed air jets, resistance reduction mechanisms using surfactant-added flow
4 Mechanical Dynamics	Kawai, Tadao Imazu, Atsushi	Development of diagnostic methods for parameter identification and evaluation of machinery and structures, development of processing state monitoring, living assistance robots, and special mobile robots
5 Biomedical Engineering	Saeki, Souichi	Development of optical information engineering methods (multifunctional optical coherence tomography) for microscopic fault visualization and evaluation/diagnosis of the internal state (mechanical and chemical properties) of composite materials and biological tissues (skin, cartilage, cancer, arteriosclerosis)
6 Production Process Engineering	Kawakami, Hiroshi	Ultra precision cutting using diamond tools, development of antibacterial metallic materials, case study of microbially influenced corrosion
7 Power System Engineering	Takiyama, Takeshi	Control of internal combustion engines, development of intelligent vehicles
8 Robotic Engineering	Takada, Yogo	Development of robots and bridge inspection robots, flow analysis around robots, blood flow simulation
9 Material Strength Engineering	Yoshioka, Shin'ya	Thermo-dynamic conversion and control of polymer solid structures, large deformation mechanisms of polymer solids, mechanisms of polymer aging and fatigue, nonlinear flow mechanisms of polymers
10 Material Intelligence Engineering	Osaka, Katsuhiko Nakatani, Hayato	Development of intelligent composite materials and structural systems, molding process optimization of polymer composite materials, characterization of matrices in composite material molding, adhesion and bonding of composite materials, evaluation of molding, mechanical properties, and damage tolerance of hybrid composite materials
11 Materials Modeling & Evaluation	Yamasaki, Tomohiro Oshima, Nobuo	Nondestructive evaluation of materials using ultrasonic waves, ultrasonic monitoring of FRP molding process, vibration control of intelligent materials, development of functional fluids devices
12 Material Function Engineering	Kaneko, Yoshihisa Uchida, Makoto	Lattice defect analysis with advanced SEM technique, fabrication and mechanical properties of bulk nanocrystals, electroplating of nano-structured films, research linking micro and macro deformation, deformation evaluation of plastic, deformation measurement using digital images
13 Material Properties Engineering	Yokogawa, Yoshiyuki Kishida, Ippei	Research on creation and evaluation of materials with innovative properties that control structure and function from molecular to the macroscale. Physics and chemistry research applied to environmental and energy science, medical and dental applications, and bio/sensor materials.
14 Applied Mathematics	Matsuoka, Chihiro	Mathematical research in hydrodynamics, pattern formation, and chaos dynamics systems. Numerical analysis of nonlinear motion of interfaces and vortex layers

Classes (Master Course)	Faculty
<b>[Energy Science and Environmental Technology Classes]</b>	
Advanced Thermodynamics	Nishimura, Nobuya
Applied Heat Transfer Engineering	Iyota, Hiroyuki
Transport Phenomena	Katoh, Kenji
Advanced Computational Fluid Dynamics	Wakimoto, Tatsuro
Special Exercise	Various faculty
<b>[System Dynamics Classes]</b>	
System Dynamics	Kawai, Tadao
Optical Diagnosis and Evaluation Engineering	Saeki, Souichi
Advanced Power Train Systems Engineering	Takiyama, Takeshi
Mechatronics	Takada, Yogo
Wave Theory	Yamasaki, Tomohiro
Special Exercise	Various faculty
<b>[Material Design Classes]</b>	
Material Joining and Welding Processing	Sato, Yoshihiro
Interactions Between Materials and Organisms	Kawakami, Hiroshi
Strength of Polymer Solid	Yoshioka, Shin'ya
Composite Materials Engineering	Osaka, Katsuhiko
Advanced Composite Material Engineering	Nakatani, Hayato
Strength and Plasticity of Crystals	Kaneko, Yoshihisa
Material Science for Bionics	Yokogawa, Yoshiyuki
Precision Machining	(Tanaka, Yoshio)
Introduction to Molecular Dynamics	(Kiyohara, Kenji)
Special Exercise	Various faculty
<b>[Applied Mathematics Classes]</b>	
Modern Analysis	Matsuoka, Chihiro
Nonlinear Analysis	Matsuoka, Chihiro
Special Exercise	Various faculty
<b>[Special Research]</b>	
Master's Research	Various faculty
<b>[Special Lectures]</b>	
Special Lecture I	Various faculty
Special Lecture II	Various faculty
Classes (Doctoral Course)	Faculty
Doctoral Seminar	Various faculty
Doctoral Research	Various faculty

( ): Faculty is a part-time instructor

#### Part-Time Instructors



Inamura, Suguru (ORIST)	Kiyohara, Kenji (AIST)
Kurita, Yutaka (The University of Shiga Prefecture)	Sasaki, Toshihiko (Kanazawa University)
Takayama, Naohiko (Shimadzu Corporation)	Tanaka, Yoshio (Emeritus Professor, Osaka Prefecture University)
Tanimoto, Ryuichi (Aichi Institute of Technology)	Yokoyama, Tetsuhide (Mitsubishi Electric)

## <Electric and Information Engineering>

Research Theme and #	Name	Research Outline
1 Power Electronics	Shigekawa, Naoteru Ryo, Kenbo Takechi, Seiji	Research on solar cells and power devices Research on particle detector
2 Electronic Materials and Measurements	Shirafuji, Tatsuru Oh, Jun-Seok Muraji, Masafumi Tanaka, Kenji	Materials processes using plasma, bio-medical processes using plasma, organic light emitting diodes, organic solar cells, bioelectrical and magnetic technology
3 Optoelectronics	Miyazaki, Daisuke	Stereoscopic display systems, optical three-dimensional measurement, optical functional devices, optical biometric measurement, advanced functional image measurement
4-1 Electromagnetic Device Engineering	Tsujimoto, Hiroaki	Thin film power sensors, micro magnetic devices, super high frequency magnetic devices, thin film electromagnetic functional elements, magnetic thin film
4-2 Smart Energy Engineering	Shikoh, Eiji	Research on energy creation and energy saving technology and device creation using spintronics
5 Optical Properties and Functions of Condensed Matter	Nakayama, Masaaki Takeuchi, Hideo	Research on light-matter interactions (optical properties) in nanoscale ultrathin film semiconductors, quantum structures (superlattices, quantum wells), and microcavities using spectroscopic techniques including ultrafast coherent optical phenomena and exploration of new optical functionality.
6 Design of Material Properties	Fukuda, Tsuneo	Atomic structures and electronic states on metal and semiconductor surfaces with the aid of ultrahigh-vacuum scanning tunneling microscopy and atomic force microscopy. Development of organic thin film transistors on flexible plastics and their applications to flexible displays.
7 Physical Wave Engineering	Nashima, Shigeki	Research on fundamental technology and application of terahertz waves
8-1 Advanced Spectroscopy and Measurements	Kobayashi, Ataru	Development of nobel quantum beams of atoms and ions, and their applications to surface analysis/fabrication in nano-scale combined with the advanced spectroscopic measurement technique.
8-2 Nanomaterial Science and Engineering	Kim, Daegwi	Research on fabrication and optical properties of semiconductor nanoparticles (quantum dots) and fabrication and optical properties and functions of various nanomaterials
9 Mathematical Physics	Terai, Akira Sugita, Ayumu	Research on nonlinear and non-equilibrium states of matter, quantum phase transitions of strongly correlated electron systems, organic conductors and solitons, quantum information, quantum chaos
10 Electrical Information System Engineering	Takahashi, Hideya Yoshimoto, Kayo	3D image input/output systems, head mount displays, wearable computer applied systems, next generation endoscope, biometric information sensing, medical image processing, medical support, etc.
11 Information Processing Engineering	Hayashi, Kazunori Nakajima, Shigeyoshi	Statistical signal processing, probabilistic inference, stochastic reasoning, Bayesian estimation, wired/wireless communication, image processing, signal processing, medical data processing, artificial intelligence, artificial life
12 Knowledge and Information Processing Engineering	Takubo, Tomohito Ueno, Atsushi	Robotics, motion control, intelligent systems, reinforcement learning, artificial intelligence, intelligent robots, pattern recognition
13 Information Network Engineering	Oka, Ikuo	Signal detection and identification technology, modulation methods, error correction codes, sensor networks, space propagation optical communication technology, welfare engineering
14 Multimedia Engineering	Ata, Shingo	Research on information distribution infrastructure that handles diversified media comprehensively and combines it with networks. Specific examples include multimedia networks, high-speed communication control technology, switching hardware, and power saving networks

Class (Master Course)	Faculty
<b>[Electron &amp; Energy Classes]</b>	
Advanced Electron and Ion Beam Optics	Kobayashi, Ataru
Advanced Ultrafast Optoelectronics	Nashima, Shigeki
Advanced Lecture on Nano-Material Engineering	Kim, DaeGwi
Advanced Semiconductor Power Electronics Devices	Shigekawa, Naoteru
Smart Energy	Tsujimoto, Hiroaki Shikoh, Eiji Cai, Kai (Matsumura, Reo) (Mori, Toshihiro) (Carballo, Alexander)
Control of Discrete-Event Systems	
Special Lecture on Fundamental Informatics	
Applied Electronics	(Imai, Shinichi)
Special Lecture II	(Ono, Yoshimasa)
Special Lecture III	(Ono, Yoshimasa)
Special Exercise	Various faculty
<b>[Physical Properties Classes]</b>	
Advanced Lecture on Optical Properties and Functions of Materials	Takeuchi, Hideo [ ]
Advanced Lecture on Design of Materials Properties	Terai, Akira Fukuda, Tsuneo
Advanced Quantum Mechanics	Nakayama, Masaaki
Advanced Vacuum Engineering	Sugita, Ayumu
Advanced Semiconductor Physics	Shirafuji, Tatsuru
Advanced Mathematical Physics	Miyazaki, Daisuke
Advanced Plasma Processing	(Iwano, Kaoru)
Advanced Photonics	(Matsuda, Akihisa)
Applied Mathematics and Physics	Various faculty
Special Lecture I	
Special Exercise	Takahashi, Hideya
<b>[Information Communication Classes]</b>	
Information Processing I	Takubo, Tomohito Ueno, Atsushi Nakajima, Shigeyoshi (Fukushima, Seiji)
Advanced Information Processing II	Oka, Ikuo
Advanced Lecture on Optical Measurements	Ata, Shingo
Information Networking	Hara, Shinsuke Sugiyama, Hisayoshi
Communication Systems	Tsujioka, Tetsuo (Umamo, Motohide) (Maruyama, Kazuyuki)
Special Lecture on Fundamental Informatics	
Special Lecture IV	(Wada, Atsushi)
Special Lecture V	(Sakano, Yuichi) (Tsuhihima, Yoshiaki) Various faculty
Special Exercise	Various faculty
<b>[Special Research]</b>	
Master's Research	
Classes (Doctoral Course)	Faculty
Doctoral Seminar	Various faculty
Doctoral Research	Various faculty

( ): Part-time instructor

[ ]: Full time instructor planned

15 Communication Systems Engineering	Hara, Shinsuke Sugiyama, Hisayoshi Tsujioka, Tetsuo	Wireless/mobile body/robot communication, web databases, encoding/compression/encryption systems
16 System Control Engineering	Cai, Kai	Control theory, discrete-event systems, multi-agent cooperative control, robotic networks, automation technology
17 Distributed Systems Engineering	Abe, Kota	Research on distributed systems and system software
18 Information Infrastructure Engineering	Ishibashi, Hayato	network operations and management, user authentication and access control, architecture and protocols of the Internet, practical network security, software-defined networking, overlay network architecture
19 Knowledge and Information Systems Engineering	Murakami, Harumi	Information retrieval, artificial intelligence, user interface, text mining, web intelligence, lifelog, library and information science
20 Spatial Information Engineering	Yoshida, Daisuke	Applied research on satellite-based positioning and geospatial information systems

#### Part-Time Instructors

Umano, Motohide (Osaka Prefecture University)

Mori, Toshihiro (Hokuyo Automatic Co., Ltd.)

Iwano, Kaoru (High Energy Accelerator Research Organization)

Maruyama, Kazuyuki (Honda R&D Co., Ltd.)

Imai, Shinichi (Panasonic)

Matsuda, Akihisa

Ono, Yoshimasa (RIKEN Center for Emergent Science)

Wada, Atsushi (NICT)

Matsumura, Reo (Karakuri Products)

Carballo, Alexander (Hokuyo Automatic Co., Ltd.)

Fukushima, Seiji (Kagoshima University)

Sakano, Yuichi (NICT)

## <Applied Chemistry and Bioengineering>

Research Theme and #	Name	Research Outline
1 Physical Analysis Chemistry and Applied Physical Chemistry	Tsuji, Kouichi Kometani, Noritsugu	Development of minute trace element analysis methods and application to materials analysis and environmental analysis, synthesis of composite nanomaterials, physicochemical research high temperature high pressure fluids/supercritical fluids/photocatalysts and their application to environmental chemistry.
2 Inorganic Industrial Chemistry	Yamada, Yusuke Ariyoshi, Kingo	Solid catalysts with well-defined active sites, catalysts for environmental purification, electrochemistry of lithium insertion materials, electrode materials for next generation Li-ion batteries, 12 V lead-free batteries
3 Organic Materials Chemistry	Kobatake, Seiya Kitagawa, Daichi	Design and solid-state property changes of photofunctional organic crystals, synthesis and physical property of photofunctional polymer materials, development of molecular functional devices
4 Polymer Science	Horibe, Hideo Sato, Eriko	Compatibility and crystal structure of multicomponent polymers, conductivity of filler dispersed polymers, evaluation of photosensitive polymers, development of controlled polymerization reactions, functionalization and physical property control of polymer interfaces, design and evaluation of high reactivity/stimulus responsive polymer materials
5 Molecular Catalyst Chemistry/Organometallic Chemistry	Hatanaka, Yasuo Minami, Tatsuya	Creation of highly active asymmetric catalysts using organometallic compounds, development of new synthetic reactions and their application to organic synthesis, development of environmentally harmonious organic reactions using organic molecules as a catalyst
6 Biofunctional Engineering	Nagasaki, Takeshi Azuma, Hideki	Development of biopolymer-based medical materials (drug delivery systems/gene delivery systems/tissue adhesives), synthesis of sphingolipid analogues, elucidation of apoptosis-inducing mechanisms, and development of novel anti-inflammatory drugs
7 Cell Engineering	Azuma, Masayuki Tachibana, Taro Ojima, Yoshihiro	Construction of new functional cells useful for food, environment and energy fields by improving and screening microorganisms such as yeast, and elucidation and artificial control of animal cell functions focused on animal cell functions
8 Biomolecular Engineering	Kitamura, Masaya Nakanishi, Takeshi	Structure-function relationship of redox proteins, engineering application of enzymes, development of highly functional artificial antibodies
9 Biochemical Engineering / Separation Engineering	Igarashi, Koichi	Production of useful substances by microorganisms, utilization of biomass, crystallization of organic compounds such as pharmaceutical foods, biomineralization
10 Biomaterials Engineering	Tachibana, Akira	Cell scaffolds for regenerative medicine, action of cell growth factors/differentiation factors on cell scaffolds, drug delivery systems (DDS), cell behavior control by material surfaces, development of RNAi promoters/inhibitors/ aptamers/ nucleic acid drugs
Enzyme Engineering (Doctoral only)	Omoto, Takashi <sup>1)</sup>	Exploration and isolation of useful enzymes from microorganisms and their application the production of substances, creation of carbohydrate materials

### Collaborative Lab

11 Environmental Materials Chemistry	Yoshida, Tomoko <sup>2)</sup>	Synthesis and design solid catalysts/photocatalysts, development of environmentally conscious chemical reactions including artificial photosynthesis, evaluation of physical properties of functional materials using synchrotron radiation spectroscopy/electron spectroscopy
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### Part-Time Instructors

Shimakoshi, Hisashi (Graduate School of Engineering, Kyushu University)  
 Shigeta, Yasuteru (Center for Computational Sciences, University of Tsukuba)  
 Ohshita, Joji (Graduate School of Engineering, Hiroshima University)  
 Honda, Hiroyuki (Graduate School of Engineering, Nagoya University)  
 Hojo, Hironobu (Institute for Protein Research, Osaka University)

Toyota, Masahiro (College of Life, Environment, and Advanced Sciences, Osaka Prefecture University)  
 Maeda, Kohji (School of Science and Technology, Kyoto Institute of Technology)  
 Hori, Hiroyuki (Graduate School of Science and Engineering, Ehime University)  
 Fujii, Ikuo (Graduate School of Science, Osaka Prefecture University)  
 Kawahara, Hidehisa (Faculty of Chemistry, Materials and Bioengineering, Kansai University)

Classes (Master Course)	Faculty
<b>[Materials Chemistry Classes]</b>	
Advanced Heterogeneous Catalyst	Yamada, Yusuke
Advanced Electrochemistry	Ariyoshi, Kingo
Advanced Physical Properties of Polymer	Horibe, Hideo
Advanced Polymer Synthesis	Sato, Eriko
Advanced Instrumental Analysis	Tsuji, Kouichi
Advanced Laser Chemistry	Kometani, Noritsugu
Special Exercise	Various faculty
<b>[Molecular Chemistry Classes]</b>	
Advanced Functional Organic Synthesis	Minami, Tatsuya
Advanced Supramolecular Chemistry	Nagasaki, Takeshi
Advanced Protein Engineering	Nakanishi, Takeshi
Advanced Chemistry of Molecular Catalysis	Hatanaka, Yasuo
Organic Photochemistry for Advanced Materials	Kobatake, Seiya
Design of Advanced Materials	Yoshida, Tomoko <sup>2)</sup>
Special Exercise	Various faculty
<b>[Biotechnology Classes]</b>	
Advanced Genetic Engineering	Kitamura, Masaya
Advanced Cell Signaling	Tachibana, Taro
Advanced Enzyme Engineering	Omoto, Takashi <sup>1)</sup>
Advanced Biomolecular Engineering	Tachibana, Akira
Advanced Cell Engineering	Azuma, Masayuki
	Ojima, Yoshihiro
Advanced Separation and Biochemical Engineering	Igarashi, Koichi
Special Exercise	Various faculty
<b>[Special Research]</b>	
Master's Research	Various faculty
Classes (Doctoral Course)	Faculty
Doctoral Seminar	Various faculty
Doctoral Research	Various faculty

1) Visiting professor based on collaboration and cooperation agreements with ORIST

2) Professor at the Osaka City University Advanced Research Institute for Natural Science and Technology and the Graduate School of Engineering

## <Urban Engineering>

Research Theme and #	Name	Research Outline	Max <sup>1)</sup> # of students
1 Architectural Planning and Architectural Construction	Yokoyama, Shunsuke Tokuono, Tetsu Ishiyama, Hiroki	Organization of urban type multi-family housing, planning of community and welfare facilities centering on school architecture and elderly facilities, Construction plans focused on wooden construction	9
2 Architectural Design and Architectural History	Miyamoto, Katsuhiro Kurataka, Shunsuke	Architectural design, architectural design theory, comprehensive architectural designing and landscaping under the concept of "Do-Ken Marriage", architectural history	6
3 Urban Planning & Design	Kana, Koichi Hsiao, Hongwei (Sho, Koji)	Planning theory and application, urban planning, urban renewal design, landscape theory, urban planning and design history, community design, area management	6
4 Urban Infrastructure Planning	Uchida, Takashi Yoshida, Nagahiro	Planning of construction, maintenance, and operation of social infrastructure facilities and transportation facilities. Analysis and countermeasures for traffic safety and environments. Analysis and support system construction of urban migration behavior	6
5 Architectural Environmental Engineering	Umemiya, Noriko	Thermal comfort evaluation, environment adjustment actions and energy saving, sky luminance distribution models, architectural ventilation design for promoting natural ventilation, high efficiency air conditioning using displacement ventilation, heat storage air conditioning systems	6
6 Environmental Graphic Science			4
7 Urban Energy and Thermal Environment Planning	Nishioka, Masatoshi Nabeshima, Minako	Urban energy-efficient technology, analysis and improvement measures for urban thermal environments, urban climates	6
8 Environmental and Ecological Engineering	Sohma, Akio Endo, Toru	Conservation and utilization of aquatic ecosystems, Numerical ecosystem modeling, Process elucidation and dynamics prediction of socio-natural ecosystems in urban watershed	6
9 Urban Recycle Engineering	Kanjo, Yoshinori Mizutani, Satoshi	Evaluation of water environments, water quality control technology, recycled energy collection from solid waste and wastewater, hazard assessment when recycling, evaluation of trace environmental pollutants	8
10 Disaster Prevention for Architecture and Wind Engineering	Taniguchi, Tetsuro Gavanski, Eri	Wind responses of high-rise buildings, characteristics of wind pressure on large span structures, wind-resistant design, determination of wind loads on low-rise buildings, evaluation of wind resistance capacity of building components	6
11 Structural Engineering for Architecture	Taniguchi, Yoshiya Yoshinaka, Susumu Suzuki, Yusuke	Structural design for architecture, Mechanical characteristics/response control for shell/spatial structures, Reinforced concrete structures with self-centering system, High performance timber structures	9
12 Structural and Bridge Engineering	Kitoh, Hiroaki Yamaguchi, Takashi Tsunokake, Hisao	Seismic resistance/isolation/control technology for structures, steel and concrete composite structures, material properties of concrete, durability evaluation and repair technology, development of low environmental burden structural materials and components Load bearing capacity and design methods of steel and synthetic material bridges, repair and reinforcement of existing steel bridges, seismic design, bridge vibrations, maintenance systems, bridge environments, buckling load capacity and design methods, load capacity and design methods of joints	10
13 Geotechnical Engineering	Oshima, Akihiko Yamada, Suguru	Soil strength and deformability, consolidation, compaction, stability problems, centrifugal model test, ground investigation, ground improvement, liquefaction, groundwater and ground environment, ground information database	6
14 River and Coastal Environmental Engineering	Shigematsu, Takaaki Nakajo, Sota	Interaction of structures and fluids, Meteorological and oceanographic phenomena (Tsunami, Storm surge), Complex urban disasters across wide area, Impact assessment of coastal disaster, Wave power generation systems, Restoration of water environment in ports and harbors, Prevision of future coastal environment, Climate change impact assessment and adaptation measures, Large-scale hydraulic experiments, Numerical simulation on wave and flow	6
15 Environmental Chemistry	Endo, Satoshi	Measurement, fate analysis and effect assessment of organic pollutants	
16 Spatial Informatics	Raghavan, Venkatesh Yonezawa, Go	Geographic Information Systems, Remote Sensing and Allied Spatial Information Technologies and their Applications in Sustainable Urban Development	
Environmental Preservation Engineering (Doctoral Course)	Masuda, Junji <sup>3)</sup>	Technology to reduce environmental burdens including trace chemicals, technology to control emissions of pollutants at sources	—

Classes (Master Course)	Faculty
Advanced Architectural Planning Design	Yokoyama, Shunsuke Tokuono, Tetsu
Advanced Architectural Design	Miyamoto, Katsuhiro
History of Cities and Architecture	Kurakata, Shunsuke
Advanced Urban Planning & Design	Kana, Koichi ( )
Advanced Urban Design	(Masuda, Noboru)
Ecological Urban Planning	Yoshida, Nagahiro
Advanced Infrastructure Planning Theory and Practice	
Advanced Transportation Planning	Uchida, Takashi
Theory of System Building	(Honda, Tomotune)
Design of Visual Auditory Environments	Umemiya, Noriko
Thermal-aerial Environmental Engineering	Kobayashi, Tomohiro
Advanced Urban Thermal Energy Engineering	Nabeshima, Minako
Advanced Regional Environmental Engineering	Nishioka, Masatoshi
Advanced Environmental Information Processing	Takizawa, Atsushi
Advanced Water and Wastewater Treatment Engineering	Kanjo, Yoshinori
Advanced Aquatic Ecosystem Engineering	Sohma, Akio
Advanced Recycling Engineering for Urban Resources	Mizutani, Satoshi
Advanced Estuarine and Coastal Environmental Engineering	Endo, Toru
Structural Engineering for Spatial Structures	Taniguchi, Yoshiya Yoshinaka, Susumu Yamaguchi, Takashi
Steel Structural Engineering Advanced	Tsunokake, Hisao
Advanced Concrete Structural Engineering	Kitoh, Hiroaki (Uetani, Koji)
Steel-Concrete Composite Construction	
Advanced Structural Engineering for Optimum & Seismic Design	
Advanced Geotechnical Engineering	Oshima, Akihiko
Advanced Wind Engineering	Taniguchi, Tetsuro Gavanski, Eri
Environmental Fluid Mechanics and Near-shore Disaster Prevention Engineering	Shigematsu, Takaaki Nakajo, Sota
Disaster Prevention Geotechnical Engineering	Yamada, Suguru
Special Exercise	Various faculty
Master's Research	Various faculty
<b>[Classes for Registered Architect Practical Experience]</b>	
Advanced Theory and Practice of Design	(Takehara, Yoshiji)
Project Management	(Eto, Teruo)
Architectural Internship I to IV	Various faculty
Special Exercise	Various faculty
Classes (Doctoral Course)	Faculty
Doctoral Seminar	Various faculty
Doctoral Research	Various faculty

1) Max number of students for the master course (1<sup>st</sup> year)

2) Tenure track collaborating instructor

3) Visiting professor based on the collaboration and cooperation with the Osaka City Environmental Science Research Center

( ): Part-time instructor

[ ]: Full time instructor planned

**Part-time Instructors**

Uetani, Koji (Setsunan University)

Takeuchi, Tatsuya (RIA)

Hara, Shojiro (Yasui Architects & Engineers, Inc.)

Eto, Teruo (Yu Architectural Design Office)

Takehara, Yoshiji (Muu Architecture Studio)

Honda, Tomotsune (Setsunan University)

Oka, Kenji (Yasui Architects & Engineers, Inc.)

Nakatsuka, Hajime (Architects, Regional Planners & Associates, Kyoto)

Mitani, Koji (Mitani City Architecture Design Office)

● Graduate School of Medicine (TEL: 06-6645-3611～2)

The doctoral course of the Graduate School of Medicine is divided into two courses, Basic Medical Science and Clinical Medical Science, each of which is 4 years long. The master course is in Medical Science and is 2 years long.

<Basic Medical Science Course> <Medical Science Course>

Department	Faculty	Research Theme
Molecular Biological Science	Tomita, Shuhei	Circulatory metabolism, hypoxic response and diseases in the body, vascular biology and disease, tissue remodeling
	Matsunaga, Shinji	Cancer microenvironment, tumor vasculature, pharmacokinetics
	Kitajima, Shojiro	Energy metabolism of cancer, epigenetics of cancer stem cells, hypoxic response
	Tokunaga, Fuminori	Molecular cell biological analysis of inflammatory and immune signals and their association with disease
	Oikawa, Daisuke	Control mechanism analysis of inflammatory and immune signals mediated by novel factors and diseases
	Goto, Eiji	Functional analysis of LUBAC in human T cell lines, function analysis of deubiquitinating enzymes involved in inflammation and immune signals
	Terawaki, Seigo	Elucidation of mechanisms of immune response control via mitophagy and inflammatory disease onset mechanisms
	Otani, Naoko	Obesity and cancer microenvironments, the role of cellular senescence in the body, obesity and intestinal bacteria
	Tanaka, Masaaki	Neuroscience, imaging, and the science of fatigue and motivation
	Kuno, Miyuki	Ion channels, cell physiology, and the mechanisms of ion signaling
	Ikeda, Kazuo	Research on organ fibrosis typified by liver cirrhosis, induction of differentiation of human iPS cells into hepatocytes and production of chimeric animals using these
	Matsubara, Tsutomu	Molecular biological analysis of the liver aiming to construct human liver disease model animal
	Saitou, Chieko	Elucidation and clinical application of mechanisms to prevent liver damage and liver fibrosis by cell transplantation
	Urushima, Hayato	Elucidation of the interaction between hepatic stellate cells and liver constituent cells
	Mizuseki, Kenji	Neurophysiology, functional analysis of sleep, information processing in the hippocampus, mechanism of memories
	Kitanishi, Takuma	Neurophysiology, information processing in the hippocampus, functional change of synapses, mechanism of memories
	Matsumoto, Hideyuki	Neural physiology, motivation and learning, neural circuit analysis of the reward system, neural basis of adaptive behavior
	Miyawaki, Hiroyuki	Neurophysiology, functional analysis of sleep, memory formation and fixation mechanism
	Hirotsune, Shinji	Mechanisms of central nervous system construction, morphogenesis and cell polarity
	Chiba, Shuhei	Analysis of atypical microtubules in nerves
	Kin, Meigetsu	Elucidation of the control mechanism of intracellular substance transport
	Matsumoto, Sakiko	Elucidation of the control mechanism of intraneural substance transport
	Ishida, Ryuichi	Control of neurotransmitters
	Nakajima, Yuji	Developmental biology of the circulatory system
	Yamagishi, Toshiyuki	Developmental biology of the heart
	Kai, Masatake	Molecular mechanisms of collective cell migration in development
	Tojima, Sayaka	How humans lost their tails (Elucidation of tail morphogenesis mechanism in amniotic membranes)
	Miura, Katsuyuki	Progress mechanism of drug-induced nephropathy and progressive renal injury
	Morita, Takashi	Research assistance for experimental animal genome editing with CRISPR method
	Yoshida, Kayo	Molecular biological analysis of genetic recombination
	Shiota, Masayuki	Analysis of environmental adaptation mechanisms of tumors
Urban Medicine	Wanibuchi, Hideki	Environmental chemistry carcinogenesis, carcinogenesis prevention, pathology of bladder cancer, molecular pathology
	Wei, Min	Environmental chemistry carcinogenesis, carcinogenic risk assessment, molecular pathology of bladder cancer
	Kakehashi, Anna	Chemical carcinogenesis, molecular pathology, carcinogenic risk assessment, carcinogenesis prevention, mechanisms of hepatocarcinogenesis
	Fujioka, Masaki	Elucidation of epigenetic cell population control mechanisms in the establishment of cancer metastasis, chemical carcinogenesis, carcinogenic risk assessment
	Hayashi, Tomoshige	Epidemiology of lifestyle diseases such as diabetes and chronic kidney disease, diabetes epidemiology of Japanese-Americans, epidemiology of visceral fat, epidemiology of dialysis
	Sato, Kyoko	Epidemiology of lifestyle diseases such as diabetes and chronic kidney disease, diabetes epidemiology of Japanese Americans, epidemiology of visceral fat, epidemiology of dialysis
	Uehara, Shinichiro	Epidemiology of lifestyle diseases
	Shibata, Mikiko	Epidemiology of kidney disease, epidemiology of lifestyle diseases
	Fukushima, Wakaba	Epidemiology of infectious diseases, intractable diseases, liver diseases
	Ohfuji, Satoko	Epidemiology of liver diseases, intractable diseases, infectious diseases
	Kaga, Tetsuo	Countermeasures for and analysis of infectious diseases
	Ito, Kazuya	Epidemiology of infectious diseases, epidemiology of intractable diseases
	Yoshikawa, Takahiro	Human lifestyle medicine, neuroscience (unconsciousness, stress, appetite, cross effects of food and exercise)
	Uji, Masato	Respiratory stress response
	Ishii, Akira	Elucidation of neural mechanisms related to appetite, exercise, stress, and fatigue
	Okazaki, Kazunobu	Research on improvement mechanisms of exercise capacity and physiological function by exercise training and environmental adaptation
	Yokoyama, Hisayo	Clinical study on the influence of exercise on glucose metabolism and vascular function
	Imai, Daiki	Research on body temperature regulation and motility in cold environments
	Suzuki, Yuta	Biomechanical study of body movement
	Fukui, Mitsuru	Mathematical statistics, applications to the field of medicine, study of health and disease rating scales
	Ishikawa, Takaki	Pathophysiology of sudden death, development of forensic toxicology/forensic physician serologic examinations, diagnostic imaging
	Michiue, Tomomi	Pathophysiology of sudden death, legal physiology, histology diagnosis, law physician blood chemistry, law intoxication
	Ikeda, Tomoya	Pathophysiology of sudden death, postmortem change of serological examination, development of pathophysiology and evaluation methods of edema
	Tani, Naoto	Pathophysiology of sudden death, forensic physician molecular pathophysiology, forensic social medicine
	Ayata, Minoru	Neuropathogenicity of the measles virus and onset mechanism of subacute sclerosing panencephalitis
	Kaneko, Yukihiro	① Molecular epidemiology and resistance mechanisms of drug resistant bacteria ② Elucidation of the pathology of refractory mycoses · Development of new diagnostic methods ③ Development of tools for elucidation of drug resistant bacterial infection control
	Niki, Mamiko	Analysis of dormancy phenomena and development of new anti-tuberculosis vaccines
	Oinuma, Ken-ichi	Drug resistance mechanism of pathogenic bacteria and analysis of intracellular signaling mechanisms (quorum sensing)
	Kaneko, Akira	Global Malaria Eradication: Implementation of eradication measures on Vanuatu in the South West Pacificand Kenya/Victoria lake island models and research on chemotherapy. molecular and serum epidemiology
	Teramoto, Isao	Research on gastrointestinal parasites
	Isozumi, Rie	Molecular epidemiological study of pathogenic microbiology, drug-resistant bacteria
	Kagaya, Wataru	Epidemiological study on malaria transmission and eradication
	Nishiuchi, Yukiko	Analysis of infection routes and pathogenicity factor of acid-fast bacterial infection
Geriatrics	Nakajima, Koichi	Determination mechanisms of cell proliferation/differentiation and signal transduction transcription factor groups
	Kojima, Hirotada	Elucidation of information transmission mechanisms controlling the fate of cells
	Chou, Kou	Development of the role of miRNA and signal control techniques in infectious diseases
	Kunimoto, Hiroyuki	Control of gene expression via intracellular signals
	Tomiyama, Takami	Development of diagnostic, preventive and treatment methods for neurodegenerative diseases
	Umeda, Tomohiro	Development of diagnosis, prevention and treatment methods of dementia
	Shoji, Tetsuo	Lipoprotein metabolism, arteriosclerosis of diabetes/renal failure · cognitive function · Sarcopenia
	Shioi, Atsushi	Onset mechanism of arteriosclerosis and vascular calcification, aging and calcium, mechanisms of development of chronic renal failure and renal fibrosis

	Yashiro, Masakazu	Translational research on intractable cancer
	Nagahara, Hisashi	Individualized treatment in colorectal cancer chemotherapy, laparoscopic surgery for colorectal cancer, surgical treatment of inflammatory bowel disease



<Clinical Medical Science> <Medical Science Course>

Department	Research Field	Faculty	Research Theme
Organ and Pathological Internal Medicine	Cardiovascular Medicine/Nephrology/Respiratory Medicine/Hepatology/Gastroenterology/Metabolism, Endocrinology and Molecular Medicine/Hematology/Neurology/Neuropsychiatry/Clinical Oncology/Neurology	Yoshiyama, Minoru	Basic and clinical translational research in cardiovascular disease, clinical cardiology, cardiology research
		Hanatani, Akihisa	Elucidation of the pathophysiology of heart failure and development of remodeling suppression treatment
		Negoro, Nobuo	Condition and treatment of collagen disease
		Ehara, Shoichi	Pathological analysis of acute coronary syndrome by intravascular ultrasound, multi-slice CT, MRI
		Doi, Atsushi	Cardiovascular disease
		Iwata, Shinichi	Elucidation using ultrasound of the pathology of valvular disease, arteriosclerosis, hypertension, heart failure
		Hirata, Kazuto	Pathophysiology, bronchial asthma, pathology and treatment of chronic obstructive pulmonary disease
		Kanazawa, Hiroshi	Diagnosis and treatment of respiratory diseases, allergic diseases, respiratory diseases
		Kawaguchi, Tomoya	Basic and clinical research of respiratory pathology, intratumoral sciences, lung cancer
		Asai, Kazuhisa	Respiratory pathology, elucidation and control of the inflammatory mechanism of chronic airway inflammatory diseases, respiratory endoscopy
		Kawada, Norifumi	Liver pathology, analysis of genetic expression in liver pathology, microenvironment of hepatobiliary pancreatic cancer
		Tamori, Akihiro	Hepatology, analysis and clinical application of human genetic polymorphism in hepatobiliary region, transfusion
		Enomoto, Masaru	Pathology and treatment of viral hepatitis
		Uchida, Sawako	Diagnosis and treatment of hepatitis, liver cancer, biliary pancreatic cancer
		Hagihara, Atsushi	Development of therapy and early diagnosis methods for hepatobiliary pancreatic cancer
		Le Thuy, Thi Thahn	Molecular mechanisms of liver inflammation, fibrosis, and carcinogenesis
		Fujii, Hideki	Elucidation of the pathology of nonalcoholic steatohepatitis
		Matsubara, Misako	Development of novel therapeutic agents for chronic liver disease
		Fujiwara, Yasuhiro	Pathology and treatment of gastrointestinal disorders
		Watanabe, Toshio	Elucidation of the pathophysiology of gastrointestinal inflammation and malignant diseases
		Yamagami, Hirokazu	Etiology/pathology and treatment of colorectal disease
		Tanaka, Fumio	Research on pathophysiology and treatment of functional digestive tract diseases
		Nagami, Yasuaki	Superficial esophageal cancer, early gastrointestinal cancer endoscopic resection, endoscopic treatment, endoscopic diagnosis, esophageal narrowing
		Taira, Koichi	Chemotherapy of gastrointestinal cancer, endoscopic treatment, endoscopic diagnosis
		Hosomi, Shuhei	Pathology and treatment of inflammatory bowel disease
		Inaba, Masaaki	Calcium metabolism disorder, endocrinology, rheumatology
		Emoto, Masanori	Diabetes, metabolic pathology, arteriosclerosis
		Imanishi, Yasuo	Osteoporosis, rickets, osteomalacia, parathyroid disease
		Ishimura, Eiji	Kidney internal medicine, dialysis medicine
		Morioka, Tomoaki	Basic and clinical research on obesity, diabetes, and arteriosclerosis
		Mori, Katsuhito	Kidney disease, metabolism, diabetes
		Yamada, Shinsuke	Research on rheumatology, sleep disorders and nocturnal blood pressure dynamics in chronic diseases
		Kurajoh, Masafumi	Endocrine metabolic pathology (especially clinical research on central organism control mechanism)
		Motoyama, Kouka	Research on arteriosclerosis, osteoporosis, muscle, chronic inflammation and macrophage subset in diabetes
		Tsuda, Akihiro	Renal hemodynamics, diabetic nephropathy, hyperuricemia
		Nakatani, Shinya	Research on pathogenic pathophysiology of chronic kidney disease
		Hino, Masayuki	Research on pathology and treatment of hematologic malignancy, hematopoietic stem cell transplantation medical treatment
		Nakamae, Hirohisa	Pathology analysis and prevention of complications associated with hematopoietic stem cell transplantation
		Koh, Hideo	Molecular epidemiology of hematological diseases and hematopoietic stem cell transplantation, development of diagnostic and treatment methods for opportunistic infection
		Nakane, Takahiko	Research on hematological diseases, hematopoietic stem cell transplantation medicine
		Nakashima, Yasuhiro	Research on immune surveillance mechanism against hematologic malignancy and clinical application
		Inoue, Koki	Relationship between stress and psychiatric disorders (industrial psychiatry), pathophysiology of eating disorders
		Iwasaki, Shinichi	Industrial psychiatry
		Katagami, Motohisa	Internet dependency failure
		Miyawaki, Dai	Clinical research of childhood mental disorders
		Yamauchi, Tsuneo	Eating disorders, industrial psychiatry
		Matsuda, Yasunori	Neuroimaging, geriatric psychiatry
		Deguchi, Yasuhiko	Industrial psychiatry, depression, bipolar disorder
		Uchida, Kentaro	Geriatric psychiatry
		Harada, Tomoko	Eating disorders
		Kodama, Yuya	Eating disorders
		Yoshimura, Naruo	Clinical oncology, development of drug treatment for lung cancer
		Nakao, Yoshitaka	Palliative care
		Mitsuoka, Shigeki	Basic and clinical studies of respiratory pathology, intratumoral sciences, lung cancer
		Itou, Yoshiaki	Neurodegenerative diseases, cerebral vascular disorders, and a wide range of neurological diseases
		Abe, Takato	Nerve cell disorder mechanisms in cerebral ischemia
		Tsutada, Tsuyoshi	Neurophysiological research
		Takeda, Akitoshi	Higher brain dysfunction of neurological and neurodegenerative diseases
Diagnostics and Biological Functional Manager	Diagnostic and Interventional Radiology/Radiation Oncology/H Pathology/Anesthesiology/Trauma and Critical Care Medicine/Preventive Medicine/Oral and Maxillofacial Surgery	Miki, Yukio	Neuroradiagnostics, MRI, radiological diagnostics
		Shimada, Hiroyuki	Diagnostic imaging of dementia diseases, diagnosis and treatment of dementia, hereditary Alzheimer's disease
		Shimono, Taro	Radiology diagnostics in general
		Hamuro, Masao	Interventional radiology, diagnostic imaging
		Yamamoto, Akira	Abdominal image diagnosis, CT, MRI, interventional radiology
		Koyama, Koichi	Radiology diagnosis, nuclear medicine (tumor nuclear medicine, positron nuclear medicine, nuclear medicine treatment, micro PET)
		Hamamoto, Shinichi	Diagnostic imaging (CT, MRI), interventional radiology
		Sakamoto, Shinichi	Development and application of brain function images using high magnetic field MRI and magnetoencephalography (MEG)
		Jogo, Atsushi	Diagnostic imaging (CT, MRI), interventional radiology
		Okuma, Tomohisa	Diagnostic imaging
		Hosono, Masako	Radiation oncology, radiation therapy, tumor nuclear medicine
		Tsutsumi, Shinichi	High precision radiation therapy
		Miki, Yoshitaka	Radiation therapy
		Kawabe, Joji	Clinical nuclear medicine (nuclear medicine therapeutic, nuclear medicine diagnostics), cancer relief treatment using clinical Chinese medicine
		Higashiyama, Shigeaki	Clinical nuclear medicine (dementia nuclear medicine, tumor nuclear medicine)
		Ohsawa, Masahiko	Pathology of malignant lymphoma
		Kubo, Yuki	Diagnostic pathology, especially gastrointestinal pathology
		Nishikawa, Kiyonobu	Effects of anesthetics on sympathetic nervous activity and stimulation conduction systems, action on ion channels, molecular biological mechanism of chronic pain

ment	luman remier	Tsuchiya, Masahiko	Regulation of active oxygen pathology by anesthetics, regional anesthesia
		Mori, Takashi	Action of anesthetics on microglial function, neuronal nicotinic receptor and analgesic mechanism
		Yamada, Tokuhiro	Acute lung injury, postoperative management, anesthesia for minimally invasive cardiac surgery, ischemia reperfusion injury

Diagnostics and Biological Functional Management	Diagnostic and Interventional Radiology/Radiation Oncology/Human Pathology/Anesthesiology/Trauma and Critical Care Medicine/Premier Preventive	<p>Matsuura, Tadashi Funao, Tomoharu Yabe, Mitsuhide Tanaka, Katsuaki Suehiro, Kouichi Funai, Yusuke Mizobata, Yasumitsu Yamamoto, Hiromasa Nishimura, Tetsuro Fukumoto, Shinya Morikawa, Hiroyasu Kimura, Tatsuo Otani, Koji Nakano, Akemi Nakahara, Hirokazu</p>	<p>Studies on the effects of anesthetic agents on ion channels using electrophysiological techniques, the mechanism of action of fat emulsion therapy Monoamino dynamics in the brain in neuropathic pain model rats, spinal cord protection Pain management medicine, measures for postoperative nausea and vomiting, palliative care Pharmacokinetics of intravenous anesthetics, anesthesia management and outcome analysis, postgraduate medical education Perioperative hemodynamic monitoring, perioperative goal-directed therapy Analgesic mechanism of anesthetics, synaptic transmission of the posterior horn of the spinal cord Emergency medical system, trauma external medicine Pelvic trauma, pathology and treatment of spinal and spinal cord injuries, disaster medicine Trauma external science, resuscitation, medical equipment development Epidemiology of lifestyle diseases, clinical research of diet therapy, development research of home support systems of diet therapy, clarification of the mechanism of angiogenesis therapy and development of amplification device Gastrointestinal and liver pathology, clarification of pathology of fatty livers, development of new ultrasound diagnostic equipment Basic and clinical research on respiratory pathology, tumor internal medicine, tumor epidemiology, lung cancer Metabolic syndrome, arteriosclerosis and gastrointestinal disease, eradication of Helicobacter pylori and gastric cancer Research on quality control and epidemiological survey of gynecologic cancer examiners Dental and oral surgery, molecular mechanism of cancer basal membrane infiltration, viral therapy for oral cancer</p>
	Women's Life Care Medicine/Pathophysiology of Gynecologic Oncology/Pediatrics	<p>Koyama, Masayasu Tachibana, Daisuke Misugi, Takuya Hamuro, Akihiro Katayama, Hiroko Sumi, Toshiyuki Ishiko, Osamu Yasui, Tomoyo Ichimura, Tomoyuki Hashiguchi, Yasunori Fukuda, Takeshi Kasai, Mari Shintaku, Haruo Kawamura, Tomoyuki Tokimasa, Sadao Seto, Toshiyuki Tokuhara, Daisuke Hamazaki, Takashi Ohnishi, Satoshi Sakuma, Satoru Nakatani, Tatsuya Takemoto, Yoshiaki Uchida, Junji Tanaka, Tomoaki Kuratsukuri, Katsuyuki Tamada, Satoshi Naganuma, Toshihide Iguchi, Taro Kuwabara, Nobuyuki Iwai, Tomoaki</p>	<p>Analysis of anatomical support mechanism of pelvic floor organs, reproductive immunology Physiology and pathological significance of fetal circulation Age of mammalian eggs, endocrine function of granulosa cells Efficacy of fallopian tube openings in fallopian edema cases and investigations of biomarkers as predictive factors Factors that cause impaired glucose tolerance after gestation from gestational diabetes Cancer cachexia, gynecological malignancy, female dysuria Cancer cachexia, gynecological malignancy, female dysuria Gynecological malignant tumors, Cancer cachexia, female dysuria Gynecological malignant tumors, uterine fibroids, endometriosis Gynecological malignant tumors Elucidation of the pathology of cancer cachexia methods of improvement, gynecological malignant tumors Gynecological malignant tumors, uterine fibroids, endometriosis Amino acids, sugar, butteridine, copper metabolism disorder, mucopolysaccharidosis, neonatal asphyxia, umbilical cord blood stem cell therapy, regenerative medicine with umbilical mesenchymal stem cells, childhood neurotransmitter disease, childhood bronchial asthma, home support o children with severe Research on etiology and pathology of childhood diabetes and kidney disease Examination of high-dose chemotherapy for refractory malignant tumors in children, myeloid non-destructive hematopoietic cell transplantation for congenital metabolic disorders, study of leukemic stem cells in pediatric acute lymphocytic leukemia Elucidation of the pathology of childhood congenital metabolic disease using iPS cells Elucidation of pathogenesis and pathology of gastrointestinal diseases, development of preventive/therapeutic drugs, mucosal immunology Elucidation of the pathology of childhood congenital metabolic disease using iPS cells Elucidation of pathogenesis and pathology of neonatal chronic lung disease and elucidation of preventive/therapeutic drugs Neuropathology and neurophysiology research aimed at clarifying the pathology of intractable epilepsy Renal transplantation, experimental acute renal failure, drug nephropathy · urinary tract malignancy Biocompatibility of hemodialysis membrane, artificial organ, renal failure disease Renal transplantation, drug-induced nephropathy Basic research on prostate cancer, treatment and basic research on elucidation of the pathology of neurogenic bladder, treatment for urinary tract malignant tumors Immunotherapy and gene therapy for prostate cancer, chemotherapy an ED for urothelial cancer, male infertility Basic research on kidney injuries, treatment for urinary tract malignant tumors Renal transplantation, blood purification methods, urinary tract malignant tumors Prostate cancer genetic polymorphism, elucidation of the mechanism of the development of urolithiasis, the role of oxidative stress in urology Prevention of rejection after renal transplants, inhibition of progression of chronic kidney disease Clinical research in the renal transplantation field</p>
Surgery	Surgical Oncology/Gastroenterological Surgery/Hepato-Biliary-Pancreatic Surgery/Cardiovascular Surgery	<p>Ohira, Masaichi Maeda, Kiyoshi Onoda, Naoyoshi Tanaka, Hiroaki Takashima, Tsutomu Amano, Ryousuke Kimura, Kenjiro Kashiwagi, Shinichiro Toyokawa, Takahiro Muguruma, Kazuya Shibutani, Masatsune Noda, Satoru Yamazoe, Sadaaki Tsukioka, Takuma Takahashi, Yosuke Lee, Shigeru Kubo, Shoji Takemura, Shigekazu Morotomi, Yoshiki Tanaka, Shogo Shibata, Toshihiko Nishiyama, Noritoshi Fujii, Hiromichi Izumi, Nobuhiro Murakami, Takashi</p>	<p>Surgical treatment of esophageal cancer and gastric cancer, surgical metabolism nutrition, pathophysiology of portal hypertension and surgical treatment Surgical treatment for colon diseases Elucidation of endocrine tumor pathology and surgical treatment Immunotherapy for gastrointestinal cancer and surgical treatment of esophagus cancer/gastric cancer Comprehensive treatment of breast cancer Establishment of multidisciplinary treatment aimed at curing locally advanced pancreatic cancer, possibility of nutritional therapy for hepatobiliary pancreatic disease Elucidation of the canceration mechanism of pancreatic/biliary tract cancer, and multidisciplinary treatment for pancreatic cancer Elucidation of the molecular mechanism of refractory breast cancer and clinical validation of new treatment strategies Surgical treatment and multidisciplinary treatment for gastric cancer, esophageal cancer Surgical treatment/chemotherapy and multidisciplinary treatment for gastric cancer Intensive treatment and prognostic factors for colon cancer Intensive treatment for breast cancer and endocrine tumor Surgical treatment for hepatobiliary pancreatic cancer and multidisciplinary treatment Intensive treatment for lung cancer, suppression of progress of pulmonary fibrosis Surgical treatment of atrioventricular valve regurgitation in patients with atrial fibrillation Surgical treatment and multidisciplinary treatment for esophageal cancer Pathology of hepatobiliary pancreatic disease and surgical treatment, liver transplantation, surgical infection Surgical treatment of liver cancer, pancreatic cancer, biliary tract cancer, chemotherapy of biliary tract cancer, inhibition of progress of cirrhosis, early diagnosis of pancreatic cancer. living liver transplantation Child general surgery, especially pediatric biliary surgery and childhood liver transplantation Surgical treatment for hepatobiliary pancreatic malignant tumor, laparoscopic surgery, liver transplantation, prevention of postoperative complications Research toward minimally invasive heart valve disease surgery Pathology of respiratory disease, mediastinal disease and surgical treatment Cardiovascular surgery Surgical treatment of pulmonary malignancy, mediastinal tumor, emphysematous lung disease Surgical treatment and prevention of postoperative complications of ischemic heart disease, valvular disease, aortic lesion</p>
	Dermatology / Ophthalmology / Otolaryngology / Head and Neck Surgery / Neurosurgery / Orthopedic Surgery / Plastic and Reconstructive Surgery	<p>Tsuruta, Daisuke Fukai, Kazuyoshi Kamo, Rei Sugawara, Kouji Tateishi, Chiharu Ozawa, Toshiyuki Shiraki, Kunihiko Kohno, Takeya Ataka, Shinsuke Yamamoto, Manabu</p>	<p>Research on the pathogenesis of autoimmune diseases, research on the pathogenesis of bullous disease targeting epidermal basement membrane, hair regeneration science Pigmentation disorder, molecular genetics, atopic dermatitis, inheritance of psoriasis Treatment of skin ulcers, clinical study of skin malignancies Research on the pathophysiology of alopecia areata and psoriasis, research on the influence of endogenous cannabinoids on skin appendages/mucosa, functional analysis of mast cells, itchiness Elucidation of the pathology of autoimmune bullous disease and development of treatment methods Study on treatment of infectious diseases by photodynamic therapy (PDT) Condition of fundus disease, eye circulation, laser diagnostics Eye trauma, ocular circulation, macular disease, age-related macular degeneration Fundus diseases, retinal vitreal surgery, glaucoma Age-related macular degenerative retinal vitreous surgery</p>

nal	/ 0805 / 0805	Iguchi, Hiroyoshi	Basic and clinical study of head and neck cancer, surgical treatment of benign head and neck tumor
		Sakamoto, Hirokazu	Clinical study of pediatric functional deafness and allergic diseases

Surgery	Dermatology/Ophthalmology/Otolaryngology, Head and Neck Surgery/Plastic and Reconstructive Surgery/Neurosurgery/Orthopedic Surgery	Yamamoto, Hidefumi	Clinical research of equilibrium disorder/otitis media
		Takano, Sakurako	Clinical research of hearing loss and tinnitus and auditory physiology
		Sunami, Kishiko	Clinical study of inner ear disorders (especially equilibrium function) and middle ear disorders
		Ohata, Kenji	Skull base surgery, brain tumor surgery, spinal and spinal surgery
		Sakamoto, Hiroaki	A pathological analysis study on neurosurgical diseases with childhood onset
		Watanabe, Yasuyoshi	Integrated neuroscience, molecular and functional imaging, science of fatigue
		Yamanaka, Kazuhiro	Research on brain tumor radiosurgery
		Takami, Toshihiro	Spinal cord function recovery, intraspinal fixation implant, spinal cord tumor
		Nakano, Ichiro	Research on neural stem cells of malignant glioma
		Goto, Takeo	Development of skull base surgical procedures, development of skull base microdissection research, development of nasogastoscopic surgical procedures
		Morisako, Hiroki	Research on the venous anatomy of the posterior fossa
		Uda, Takehiro	Surgical treatment of epilepsy, studies on clinical neurophysiology by electroencephalogram and magnetoencephalography
		Kawahara, Shinichi	Nuclear medical diagnosis of brain tumors, spinal cord tumors, development of new treatment for malignant glioma
		Naitou, Kentarou	Image diagnosis and surgical treatment of spinal and vertebral disorders
		Nakamura, Hiroaki	Spinal surgery, minimally invasive spinal surgery, side pheasma, osteoporosis spinal disease
		Inui, Kentaro	Rheumatism surgery, osteochondral metabolism
		Teraï, Hidetomi	Bone regeneration using BMP, tissue engineering, spinal and vertebral surgery, biomaterials
		Hoshi, Manabu	Bone soft tissue tumor, metastatic bone tumor, navigation surgery
		Minoda, Yukihide	Knee joint surgery, hip joint surgery, artificial joints, biomaterials, biomechanics
		Hashimoto, Yusuke	Sports orthopedic surgery, bone, cartilage, ligament regeneration, biomechanics
		Ohta, Youichi	Cartilage metabolism (prevention of articular cartilage degeneration), bone metabolism (bone regeneration using osteogenic protein, knee and hip surgery)
		Okada, Mitsuhiro	Analysis of blood flow of neurotrophic blood vessels in chronic peripheral nerve disorder, new skin flap development and anatomical search
		Hoshino, Masatoshi	Minimally invasive spine surgery, osteoporosis, clinical epidemiology
		Ikebuchi, Mitsuhiro	Navigatic system in joint surgery, medical engineering collaboration in orthopedic surgery, walking analysis with wearable accelerometers
		Suzuki, Akinobu	Spinal and vertebral cord tumors, bone regeneration nerve regeneration, elucidation of yellow ligament hypertrophy mechanism
		Motomura, Hisashi	Reconstructive surgery, microsurgery, multidisciplinary treatment for skin malignancy, multidisciplinary treatment for intractable skin ulcers
Medical Quality and Safety Science	Drug and Food Evaluation/Medical Education/Infection Control Science/Medical Quality and Safety Science	Katou, Sukeichi	Clinical research from the standpoint of evaluation of pharmaceuticals and food efficacy, research support for clinical research
		Yamamoto, Koji	Clinical research informatics, clinical trial management, clinical research methodology, medical informatics
		Fujii, Hisako	Research on clinical research methodology
		Shuto, Taichi	Medical pedagogy, comprehensive medical care
		Takemoto, Yasuhiko	Bridging research on comprehensive medical care, cardiovascular function evaluation, molecular biology, clinical pharmacology
		Morimura, Mina	Medical education general medical examination Primary care Female medicine psychosomatic medicine
		Tochino, Yoshihiro	Medical pedagogy, general practice, respiratory internal science, sleep breathing disorders
		Kamata, Noriko	Etiology and pathology and treatment of colon diseases (especially inflammatory bowel disease), endoscopic therapy of colon tumors, comprehensive clinical practice
		Toyota, Hiromitsu	Orthopedic surgery, spinal and vertebral surgery, osteoporosis, medical pedagogy, bone biomaterial
		Takeya, Hiroshi	Studies on the diagnosis and treatment of bacterial and fungal infections, research on infection control
		Yamada, Kouichi	Epidemiological study of resistant bacteria, research on proper use of antibiotics
		Park, Keunsik	Medical treatment informatics, medical information systems, hospital management, medical safety management, medical information education
		Yamaguchi, Etsuko	Research on medical safety management, patient safety in general, research on quality control of medical care, art & design and medical quality and safety management
		Shintani, Ayumi	Development of efficient biological statistical data management method with quality assured in clinical research
		Yamamoto, Koji	Statistical approach to solving problems in clinical research
		Shiba, Masatsugu	Dementia research
		Ishihara, Takuma	Development of test methods in clinical trials involving multiple bivalent evaluation variables
		Takahashi, Kanae	Research on statistical design and analysis of small scale clinical trials
		Kabata, Daishirou	Development and education of statistical methods in observational research

Class		Faculty
Specialisation Subjects	<b>(Molecular Biological Medicine)</b>	
	Pharmacology	Tomita, Shuhei
	Basic Course of Pharmacology	Tomita, Shuhei
	Pathobiochemistry	Tokunaga, Fuminori
	Basic Course of Pathobiochemistry	Tokunaga, Fuminori
	Pathophysiology	Ohtani, Naoko
	Basic Course of Pathophysiology	Ohtani, Naoko
	Molecular and Cellular Physiology	Kuno, Miyuki
	Basic Course of Molecular and Cellular Physiology	Kuno, Miyuki
	Anatomy & Regenerative Biology	Ikeda, Kazuo
	Anatomy & Regenerative Biology training	Ikeda, Kazuo
	Neurobiology	Mizuseki, Kenji
	Basic Course of Neurobiology	Mizuseki, Kenji
	Biochemistry	Hirotsune, Shinji
	Basic Course of Biochemistry	Hirotsune, Shinji
	Applied Pharmacology and Therapeutics	Miura, Katsuyuki
	Basic Course of Applied Pharmacology and Therapeutics	Miura, Katsuyuki
	Anatomy and Cell Biology	Nakajima, Yuji
	Basic Course of Anatomy and Cell Biology	Nakajima, Yuji
	Experimental Animals	
	Basic Course of Experimental Animals	
	<b>(Urban Medicine)</b>	
	Molecular Pathology	Wanibuchi, Hideki
	Molecular Pathology Training	Wanibuchi, Hideki
	Pathological Science	
	Pathological Science Practicum	
	Preventive Medicine and Environmental Health	Hayashi, Tomoshige
	Basic Course of Preventive Medicine and Environmental Health	Hayashi, Tomoshige
	Public Health	Fukushima, Wakaba
	Public Health training	Fukushima, Wakaba
	Sports Medicine	Yoshikawa, Takahiro
	Basic Practice of Sports Medicine	Yoshikawa, Takahiro
	Environmental Physiology for Exercise	Okazaki, Kazunobu
	Basic Course of Environmental Physiology for Exercise	Okazaki, Kazunobu
	Legal Medicine	Ishikawa, Takaki
	Basic Course of Legal Medicine	Ishikawa, Takaki
	Virology	
	Basic Course of Virology	
	Bacteriology	Kaneko, Yukihiro
	Basic Course of Bacteriology	Kaneko, Yukihiro
	Parasitology	Kaneko, Akira
	Parasitology training	Kaneko, Akira
	<b>(Geriatrics)</b>	
	Immunology	Nakajima, Koichi
	Basic Course of Immunology	Nakajima, Koichi
	Department of Translational Neuroscience	
	Basic Course of Department of Translational Neuroscience	
	Gene Regulation	
	Gene Regulation Practicum	
	Molecular Oncology and Therapeutics	
	Basic Course of Molecular Oncology and Therapeutics	
	Exercise in Presentation	Various faculty
Seminars	Seminar in Molecular Medicine	Various faculty
	Seminar of Urban Medicine	Various faculty
	Seminar in Geriatrics	Various faculty
	Advanced Course of Medical Research	Various faculty
General Education Subjects	Introductory Course of Medical Study	Various faculty
	Introductory Course of Medicine	Various faculty
	Basic Exercise of Medical Research	Various faculty
	Seminar in Medical Research	Various faculty

Class		Faculty
Specialisation Subjects	<b>(Organ and Pathological Internal Medicine)</b>	
	Cardiovascular Medicine	Yoshiyama, Minoru
	Cardiovascular Medicine training	Yoshiyama, Minoru
	Respiratory Medicine	Hirata Kazuto
	Respiratory Medicine Training	Hirata Kazuto
	Metabolism, Endocrinology and Molecular Medicine	Inaba, Masaaki
	Basic Course of Metabolism, Endocrinology and Molecular Medicine	Inaba, Masaaki
	Nephrology	Mori, Katsuhito
	Basic Course of Nephrology	Mori, Katsuhito
	Gastroenterology	Fujiwara, Yasuhiro
	Gastroenterology training	Fujiwara, Yasuhiro
	Hepatology	Kawada, Norifumi
	Basic Course of Hepatology	Kawada, Norifumi
	Hematology and Laboratory Medicine	Hino, Masayuki
	Hematology and Laboratory Medicine training	Hino, Masayuki
	Neuropsychiatry	Inoue, Koki
	Neuropsychiatry training	Inoue, Koki
	Neurology	Itoh, Yoshiaki
	Practical Training on Neurology	Itoh, Yoshiaki
	<b>(Diagnostics and Biological Functional Management)</b>	
	Diagnostic and Interventional Radiology	Miki, Yukio
	Basic Course of Diagnostic and Interventional Radiology	Miki, Yukio
	Nuclear Medicine	Kawabe, Joji
	Basic Course of Nuclear Medicine	Kawabe, Joji
	Pathology	Ohsawa, Masahiko
	Pathology training	Ohsawa, Masahiko
	Anesthesiology	Nishikawa, Kiyonobu
	Anesthesiology training	Nishikawa, Kiyonobu
	Critical Care and Traumatology	Mizobata, Yasumitsu
	Basic Course of Critical Care and Traumatology	Mizobata, Yasumitsu
	<b>(Urogenital and Developmental Medicine)</b>	
	Women's Lifecare Medicine	Koyama, Masayasu
	Basic Course of Women's Lifecare Medicine	Koyama, Masayasu
	Pathophysiology of Gynecologic Oncology	Sumi, Toshiyuki
	Basic course of Pathophysiology of Gynecologic Oncology	Sumi, Toshiyuki
	Pediatrics	Shintaku, Haruo
	Training Course of Pediatrics	Shintaku, Haruo
	Urology	Nakatani, Tatsuya
	Basic Course of Urology	Nakatani, Tatsuya
	<b>(Surgery)</b>	
	Basics of Surgical Oncology	Ohira, Masaichi
	Surgical Oncology Training	Ohira, Masaichi
	Gastroenterological Surgery	
	Basic Course of Gastroenterological Surgery	
	Hepato-Biliary-Pancreatic Surgery	Kubo, Shoji
	Basic Course of Hepato-Biliary-Pancreatic Surgery	Kubo, Shoji
	Cardiovascular Surgery	Shibata, Toshihiko
	Cardiovascular Surgery training	Shibata, Toshihiko
	<b>(Sensory and Motor Functional Medicine)</b>	
	Dermatology	Tsuruta, Daisuke
	Dermatology training	Tsuruta, Daisuke
	Ophthalmology and Visual Sciences	Shiraki, Kunihiko
	Basic Course of Ophthalmology and Visual Sciences	Shiraki, Kunihiko
	Otorhinolaryngology and Communicative Sciences	Iguchi, Hiroyoshi
	Basic Course of Otorhinolaryngology and Communicative Sciences	Iguchi, Hiroyoshi
	Neurosurgery	Ohata, Kenji
	Basic Course of Neurosurgery	Ohata, Kenji
	Orthopaedic Surgery	Nakamura, Hiroaki
	Basic Course of Orthopaedic Surgery	Nakamura, Hiroaki
	Rheumatosurgery	Nakamura, Hiroaki
	Basic Course of Rheumatosurgery	Nakamura, Hiroaki
	Plastic, Reconstructive and Aesthetic Surgery	Motomura, Hisashi
	Basic Course of Plastic, Reconstructive and Aesthetic Surgery	Motomura, Hisashi

Class		Faculty
Specialisation Subjects	Molecular Medicine	Various faculty
	Basic Course of Molecular Medicine	Various faculty
	Urban Medicine	Various faculty
	Basic Course of Urban Medicine	Various faculty
	Geriatrics	Various faculty
	Basic Course of Geriatrics	Various faculty
	Clinical Medicine	Various faculty
	Basic Course of Clinical Medicine	Various faculty
	Patho physiology of Respiratory and Circulatory System	Various faculty
	Patho physiology (Gastrointestinal/Motor System)	Various faculty
	Clinical Pathology of Central Nervous System	Various faculty
	Clinical Pathology · Hematology and Endocrinology	Various faculty
	Clinical Pathology of Reproductive Organs,Kidney and Urinary Tract	Various faculty
	Clinical Pathology of Skin and Sensory System	Various faculty
	(Medical Statistics)	
	Medical Statistics I	Shintani, Ayumi
	Medical Statistics II	Shintani, Ayumi
	Introduction to Clinical Trial	Yamamoto, Koji
	Clinical Trial Statistical Theory	Yamamoto, Koji
	Statistical programming languages 1	Kabata, Daishirou
	Statistical programming languages 2	Ishihara, Takuma
	Data Management/REDCap	Shintani, Ayumi
	Data Management and Data Quality	Yamamoto, Koichi /Wakabayashi, Yumi
	Internship program	Shintani, Ayumi
	Medical Research	Various faculty
General Education Subjects	Introductory Course of Medicine	Various faculty
	Introductory Course of Medical Study	Various faculty
	Introductory Course of Medicine	Various faculty
	Basic Exercise of Medical Research	Various faculty
	Bio-structural Function	Various faculty
	Introductory Course of Pathology	Various faculty
	Medical Ethics	Various faculty
	Introductory Course of Social Medical Practice	Various faculty
	Clinical Psychology	Various faculty

	<b>(Medical Quality and Safety Science)</b>	
	Medical Education	Shuto, Taichi
	Medical Education Clinical training	Shuto, Taichi
	Infection Control Science	Kakeya, Hiroshi
	Infection Control Science training	Kakeya, Hiroshi
	Medical Safety Management	Nakatani/Park/Yamaguchi
	Basic & Application of Medical Statistics	Shintani, Ayumi
	Medical Statistics Exercises	Shintani, Ayumi
	Exercise in Presentation	Various faculty
Seminar	Seminar in Internal Medicine	Various faculty
	Seminar of Human Physiology and Pathology	Various faculty
	Seminar of Urogenital and Developmental Medicine	Various faculty
	Seminar of Surgery	Various faculty
	Seminar of Motor-Functional Medicine	Various faculty
	Medical Education	Various faculty
	Advanced Course of Medical Research	Various faculty
General Education Subjects	Introductory Course of Medical Study	Various faculty
	Introductory Course of Medicine	Various faculty
	Basic Exercise of Medical Research	Various faculty
	Seminar in Medical Research	Various faculty

## &lt;Tumor Surgeon Training Course&gt;

	Class	Faculty
Compulsory	Biology of cancer	Yashiro, Masakazu
	Diagnosis and Treatment of cancer	Kawaguchi, Tomoya
	Surgical Oncology Practice I	Ohira, Masaichi
	Surgical Oncology Practice II	Ohira, Masaichi
	Clinical Oncology Special Research (Dissertation)	
Elective	Case Study by Medical Staff Team	Kawaguchi, Tomoya / Yoshimura, Naruo
	Simulated Case Study by Medical Oncology	Kawaguchi, Tomoya
	Palliative Care Exercises for Cancer I	Nakao, Yoshitaka
	Palliative Care Exercises for Cancer II	Nakao, Yoshitaka
	Palliative Care Practice for Cancer	Nakao, Yoshitaka
	Basic Radiation Oncology	Hosono, Masako
	Seminar in clinical oncology	Hino, Masayuki
	Medical Oncology Practice I	Yoshimura, Naruo
	Medical Oncology Practice II	Kawaguchi, Tomoya
	Training program I in hematological malignancy	Hino, Masayuki
	Medical Oncology Exercises I	Kawaguchi, Tomoya
	Medical Oncology Exercises II	Amano, Ryouyusuke
	Medical Oncology Exercises III	Takashima, Tsutomu
	Medical Oncology Exercises IV	Fukuda, Takeshi
	Clinical Practice of Radiation Oncology	Hosono, Masako
	Clinical Practice of Oncologic Imaging	Shimono, Taro
	Tumor Pathology Practice	Ohsawa, Masahiko
	Practice in clinical research planning	Hino, Masayuki
	Education Practice for Medical Oncology	Kawaguchi, Tomoya
	Clinical Oncology Issues Research (Case Report)	

## &lt;Radiation Oncologist Training Course&gt;

	Class	Faculty
Compulsory	Biology of cancer	Yashiro, Masakazu
	Diagnosis and Treatment of cancer	Kawaguchi, Tomoya
	Basic Radiation Oncology	Hosono, Masako
	Clinical Practice of Radiation Oncology	Hosono, Masako
	Radiation Biology	Hosono, Masako / Tsutsumi, Shinichi
	Treatment Planning for Radiotherapy	Hosono, Masako / Tsutsumi, Shinichi
	Clinical Practice of Oncologic Imaging	Shimono, Taro
	Clinical Practice of Oncologic Imaging	Kawabe, Joji
	Radiation Oncology Special Research (Dissertation)	
Elective	Case Study by Medical Staff Team	Kawaguchi, Tomoya / Yoshimura, Naruo
	Simulated Case Study by Medical Oncology	Kawaguchi, Tomoya
	Palliative Care Exercises for Cancer I	Nakao, Yoshitaka
	Palliative Care Exercises for Cancer II	Nakao, Yoshitaka
	Palliative Care Practice for Cancer	Nakao, Yoshitaka

## &lt;Oncology Clinical Research Instructor Training Course&gt;

	Class	Faculty
Compulsory	Biology of cancer	Yashiro, Masakazu
	Diagnosis and Treatment of cancer	Kawaguchi, Tomoya
	Seminar in clinical oncology	Hino, Masayuki
	Medical Oncology Practice I	Yoshimura, Naruo
	training program I in hematological malignancy	Hino, Masayuki
	training program II in hematological malignancy	Hino, Masayuki
Elective	Practice in clinical research planning	Hino, Masayuki
	Training program I in clinical research	Hino, Masayuki
	Clinical Oncology Special Research (Dissertation)	
	Case Study by Medical Staff Team	Kawaguchi, Tomoya / Yoshimura, Naruo
	Simulated Case Study by Medical Oncology	Kawaguchi, Tomoya
	Palliative Care Exercises for Cancer I	Nakao, Yoshitaka
	Palliative Care Exercises for Cancer II	Nakao, Yoshitaka
	Palliative Care Practice for Cancer	Nakao, Yoshitaka
	Basic Radiation Oncology	Hosono, Masako
	Medical Oncology Practice II	Kawaguchi, Tomoya
	Medical Oncology Exercises I	Kawaguchi, Tomoya
	Medical Oncology Exercises II	Amano, Ryouyusuke
	Medical Oncology Exercises III	Takashima, Tsutomu
	Medical Oncology Exercises IV	Fukuda, Takeshi
	Clinical Practice of Radiation Oncology	Hosono, Masako
	Clinical Practice of Oncologic Imaging	Shimono, Taro
	Surgical Oncology Practice I	Hirakawa, Kosei
	Surgical Oncology Practice II	Ohira, Masaichi
	Tumor Pathology Practice	Ohsawa, Masahiko
	Seminar in hematopoietic stem cell transplantation	Hino, Masayuki
	Training program in hematopoietic stem cell transplantation	Hino, Masayuki
	Training program II in clinical research	Hino, Masayuki
	Education Practice for Medical Oncology	Kawaguchi, Tomoya
	Clinical Oncology Issues Research (Case Report)	

	Class	Faculty
Compulsory	Radiation Biology	Hosono, Masako / Tsutsumi, Shinichi
	Treatment Planning for Radiotherapy	Hosono, Masako / Tsutsumi, Shinichi
	Clinical Practice of Oncologic Imaging	Shimono, Taro
	Clinical Practice of Oncologic Imaging	Kawabe, Joji
	Radiation Oncology Special Research (Dissertation)	



Lecture	High-Precision External Beam Radiotherapy	Tsutsumi, Shinichi
	Radiotherapy in collaborative hospitals	Hosono, Masako
	Medical Oncology Practice I	Yoshimura, Naruo
	Tumor Pathology Practice	Ohsawa, Masahiko
	Surgical Oncology Practice I	Ohira, Masaichi
	Radiation Oncology Issues Research (Case Report)	

<Medical Physicist Training Course>

	Class	Faculty
Compulsory	Biology of cancer	Yashiro, Masakazu
	Diagnosis and Treatment of cancer	Kawaguchi, Tomoya
	Basic Radiation Oncology	Hosono, Masako / Tsutsumi, Shinichi
	Clinical Practice of Radiation Oncology	Hosono, Masako / Tsutsumi, Shinichi
	Radiation Safety and Protection	Hosono, Masako / Tsutsumi, Shinichi
	Radiation Biology	Hosono, Masako / Tsutsumi, Shinichi
	Radiation Physics	Tsutsumi, Shinichi
	Treatment Planning for Radiotherapy	Hosono, Masako / Tsutsumi, Shinichi
	High-Precision External Beam Radiotherapy	Hosono, Masako / Tsutsumi, Shinichi
	Dosimetry and Treatment Planning of Radiotherapy	Hosono, Masako / Tsutsumi, Shinichi
	Radiation Oncology Special Research (Dissertation)	
Elective	Case Study by Medical Staff Team	Kawaguchi, Tomoya / Yoshimura, Naruo
	Simulated Case Study by Medical Oncology	Kawaguchi, Tomoya
	Palliative Care Exercises for Cancer I	Nakao, Yoshitaka
	Palliative Care Exercises for Cancer II	Nakao, Yoshitaka
	Palliative Care Practice for Cancer	Nakao, Yoshitaka
	Anatomy and Physiology for Radiation Oncology	Hosono, Masako
	Radiotherapy in collaborative hospitals	Hosono, Masako
	Radiation Oncology Issues Research (Case Report)	

<Training course for physicians in charge of home support for seriously

	Class	Faculty
Compulsory	Pediatric Home Medical Care	Shintaku, Haruo / Yotani, Nobuyuki
	Training Course of Pediatric Home Medical Care	Shintaku, Haruo / Yotani, Nobuyuki
	Exercise in Presentation	Various faculty
	Seminar of Pediatric Home Medical Care	Shintaku, Haruo / Yotani, Nobuyuki
	Advanced Course of Medical Research	Various faculty
	Introductory Course of Medical Study	Various faculty
	Introductory Course of Medicine	Various faculty
	Basic Exercise of Medical Research	Various faculty
	Seminar in Medical Research	Various faculty
Elective	Related Specialized Education Classes & Seminars	Various faculty

<Cancer Medication Therapy Specialist Training Course>

	Class	Faculty
Compulsory	Biology of cancer	Yashiro, Masakazu
	Diagnosis and Treatment of cancer	Kawaguchi, Tomoya
	Case Study by Medical Staff Team	Kawaguchi, Tomoya / Yoshimura, Naruo
	Simulated Case Study by Medical Oncology	Kawaguchi, Tomoya
	Palliative Care Exercises for Cancer I	Nakao, Yoshitaka
	Palliative Care Exercises for Cancer II	Nakao, Yoshitaka
	Palliative Care Practice for Cancer	Nakao, Yoshitaka
	Seminar in clinical oncology training program I in hematological malignancy	Hino, Masayuki
	Clinical Oncology Special Research (Dissertation)	Hino, Masayuki
Elective	Basic Radiation Oncology	Hosono, Masako
	Surgical Oncology Practice I	Ohira, Masaichi
	Medical Oncology Practice II	Kawaguchi, Tomoya
	Medical Oncology Exercises I	Kawaguchi, Tomoya
	Medical Oncology Exercises II	Amano, Ryousuke
	Medical Oncology Exercises III	Takashima, Tsutomu
	Medical Oncology Exercises IV	Fukuda, Takeshi
	Clinical Practice of Radiation Oncology	Hosono, Masako
	Clinical Practice of Oncologic Imaging	Shimono, Taro
	Medical Oncology Practice I	Yoshimura, Naruo
	Tumor Surgery Practice I	Ohira, Masaichi
	Surgical Oncology Practice II	Ohira, Masaichi
	Tumor Pathology Practice	Ohsawa, Masahiko
	practice in clinical research planning	Hino, Masayuki
	Education Practice for Medical Oncology	Kawaguchi, Tomoya
	Clinical Oncology Issues Research (Case Report)	

The Graduate School of Nursing has established a master course (Nursing) and doctoral course (Nursing), which are composed of the following curriculum. The master course trains nursing practitioners, as well as educators and researchers. The doctoral course trains researchers and educators to be able to build academic systems for nursing, as well as practitioners who provide organizational guidance for improving the quality of nursing.

Master Course]				
Category	Class	Faculty		
Basic General Education Subjects	Nursing Theory	(Ikegawa, Kiyoko)		
	Nursing Research	Shirai, Midori/Matsuda, Mitsunobu		
	Nursing Administration	Kumagai, Tamaki/Yasuda, Masako)		
	Consultation	Matsuda, Mitsunobu/(Home Health Care)/Kohno, Ayumi/(Kuramochi, Yuko)		
	Nursing Ethics	Hattori, Toshiko/(Abe, Akira)		
	Pathophysiology	Imanaka, Motoharu		
	Human Relations	(Ishii, Kyoko)		
	Academic Writing	Fujita, Hisakazu		
	Infection Control	(Fukunaga, Akihiro)/(Nagayama, Masayoshi)		
	International Health Care Studies	(Ogawa, Keiko)/(Arakaki, Tomoko)		
	Public Administration in Nursing Policy	(Otani, Akira)/(Kawai, Takako)/(Yasuda, Masako)		
	Statistics for health sciences	Fukui, Mitsuru		
Specialisation Subjects	Human Studies in Nursing/Theories	Nursing Administration Seminar	Kumagai, Tamaki	
		Nursing Administration Experiences	Kumagai, Tamaki	
		Public Health Nursing Seminar	Yokoyama, Yoshie	
		Public Health Nursing Experiences	Yokoyama, Yoshie/Hayashi, Chisato	
		Gerontological Nursing Seminar	Shirai, Midori	
		Gerontological Nursing Experiences	Shirai, Midori/Sasaki, Yachiyo	
		Home Health Care Nursing Seminar	(Home Health Care)/Kohno, Ayumi	
		Home Health Care Nursing Experiences	(Home Health Care)/Kohno, Ayumi/Kanaya, Yukiko	
	Clinical Health Care Nursing	Cancer Nursing Seminar	Sakuda, Hiromi	
		Cancer Nursing Experiences	Sakuda, Hiromi	
		Infection Control・Chronic Nursing Seminar	Undecided	
		Infection Control・Chronic Care Nursing Experiences	Undecided/Okayama, Kanna/(Undecided)	
		Psychiatric-Mental Health Nursing Seminar	Matsuda, Mitsunobu	
		Psychiatric-Mental Health Nursing Experiences	Matsuda, Mitsunobu	
		Maternal Health Nursing Seminar	Tamaue, Mami	
		Maternal Health Nursing Experiences	Tamaue, Mami	
		Child Health and Development Nursing Seminar	Hiratanai, Yuko	
		Child Health and Development Nursing Experiences	Hiratanai, Yuko	
	Seminars & Research	Advanced Seminar	Medical Seminar	Imanaka, Motoharu/Fujita, Hisakazu
			Medical Experiences	Imanaka, Motoharu/Fujita, Hisakazu
			(Nursing Administration)	Kumagai, Tamaki
			(Community Health Nursing)	Yokoyama, Yoshie/Hayashi, Chisato
(Gerontological Nursing)			Shirai, Midori/Sasaki, Yachiyo	
(Home Health Care Nursing)			(Home Health Care)/Kohno, Ayumi/Kanaya, Yukiko	
(Cancer Nursing)			Sakuda, Hiromi	
(Infection Control・Chronic Nursing)			Undecided/Okayama, Kanna	
(Psychiatric-Mental Health Nursing)			Matsuda, Mitsunobu	
(Maternal Health Nursing)			Tamaue, Mami	
Master's Thesis A I・A II		(Child Health and Development Nursing)	Hiratanai, Yuko	
		(Medicine)	Imanaka, Motoharu/Fujita, Hisakazu	
		(Nursing Administration)	Kumagai, Tamaki	
		(Community Health Nursing)	Yokoyama, Yoshie	

[Doctoral Course]		
Category	Class	Faculty
General Education Subjects	Basis of Research Methodology	Hiratani, Yuko/Matsuda, Mitsunobu
	Research Methodology of Nursing Practice	Yokoyama, Yoshie
	Nursing Organization Theory	Sakuda, Hiromi/(Tsuru, Satoko)/(Nin, Kazuko)/(Matsuzuki, Midori)
	Nursing Science : Theory and System	Kumagai, Tamaki
	Public Health Nursing : Theory and System	Yokoyama, Yoshie/(Kari Silventoinen)
	Gerontological Nursing : Theory and System	Shirai, Midori
	Home Health Care Nursing : Theory and System	(Home Health Care)/Kohno, Ayumi
	Psychiatric-Mental Health Nursing : Theory and System	Matsuda, Mitsunobu
	Maternal Health Nursing : Theory and System	Tamaue, Mami
	Child Health and Development Nursing : Theory and System	Hiratani, Yuko/(Hohashi, Naohiro)
Specialisation Subjects	Cancer Nursing : Theory	Sakuda, Hiromi
	Infection Control Nursing : Theory	Undecided
	Basis of Nursing Science : Theory	Imanaka, Motoharu/Fujita, Hisakazu
	Advanced Doctoral Seminar	Kumagai, Tamaki
		Yokoyama, Yoshie
		Shirai, Midori/Sasaki, Yachiyo
		(Home Health Care)/Kohno, Ayumi
		Sakuda, Hiromi
		Undecided/Okayama, Kanna
	Special Research	Matsuda, Mitsunobu
		Tamaue, Mami
		Hiratani, Yuko
		Imanaka, Motoharu/Fujita, Hisakazu
		Kumagai, Tamaki
		Yokoyama, Yoshie
		Shirai, Midori
		(Home Health Care)/Kohno, Ayumi
		Sakuda, Hiromi
		Undecided/Okayama, Kanna
		Matsuda, Mitsunobu
		Tamaue, Mami
		Hiratani, Yuko
		Imanaka, Motoharu/Fujita, Hisakazu

Part-Time Instructors

- Ikegawa, Kiyoko
- Yasuda, Masako (Japanese Nursing Association, Kobe Training Center)
- Kuramochi, Yuko (Kobe University Hospital)
- Abe, Akira
- Ishii, Kyoko (Osaka University of Human Sciences)
- Fukunaga, Akihiro
- Nagayama, Masayoshi (Fujimoto Hospital)
- Ogawa, Keiko (Inochi Kagayakaseya Maternity Clinic)
- Arakaki, Tomoko (Rinku General Medical Care Center)
- Otani, Akira
- Kawai, Takako (St. Andrew's University)
- Tsuru, Satoko (University of Tokyo)
- Nin, Kazuko (Kyoto University)
- Matsuzuki, Midori
- Silventoinen, Kari
- Hohashi, Naohiro (Kobe University)

Faculty	Research Theme
Imanaka, Motoharu	Perinatal medicine, infertility, menopausal medicine, obstetrics and gynecological infections
Kumagai, Tamaki	Research on nursing education, research on relationships between patient families and medical practitioners, research on work environments
Sakuda, Hiromi	Cancer nursing, acute care nursing, disaster nursing
Shirai, Midori	Research on environmental support for elderly people with dementia, research on improving living functions of elderly people, including seating
Matsuda, Mitsunobu	Research on psychological education for patients with schizophrenia, research on program evaluation
Tamaue, Mami	Research on perinatal child rearing support and nursing for women who have experienced abortion
Hiratani, Yuko	Research on pediatric nursing and family nursing
(Home Health Care) Kohno, Ayumi	Research on community care and nursing prevention for elderly people living at home, as well as home health nursing care and care systems
Yokoyama, Yoshie	Research on prevention of child abuse, international comparative research of maternal and child health, research on development and growth, intervention studies for prevention of abuse of children resulting from multiple births, research on twins, research on public health nurse activities, research on public health nurse activities, research on health inequality
Fujita, Hisakazu	Basic research on proliferation and metastasis of cancer cells using biochemistry, molecular biology, and cell biology methods
Hattori, Toshiko	Medical ethics, organizational ethics, ethics education
Okayama, Kanna	Research on infection control, intestinal environments, and defecation
Sasaki, Yachiyo	Research promoting health among the elderly, environmental support for elderly people with dementia
(Psychiatric and Mental- health Nursing) Kohno, Ayumi	Research on nursing for patients with schizophrenia, educational research on psychiatric nurses
Kanaya, Yukiko	Research on nursing prevention for elderly people living at home, research on community care of elderly people
Hayashi, Chisato	Research on childcare support in the development of multiple birth children and multiple birth families, research on genome literacy of multiple birth children and their families, research on twin research ELS
Murakawa, Yukari	Acute illness nursing, cancer nursing, disaster nursing
Waki, Asuka	Research on the promotion of sexuality understanding among medical professionals, research on the effect of acupuncture stimulation on delivery time
Moriguchi, Yukako	Research on pediatric nursing education, child rearing support, health behavior, and child care and nursing of sick infants

**[Doctoral Course]**

Course	Study Field	Faculty	Research Theme	Classes (Faculty)
Creative Cities	Urban Policy	Kodama, Toru	Urban housing policy	Urban Policy Special Lecture I (Urban Economics and Regional Policy) (Konagaya/Fujitsuka/Tatemi/Matsunaga) Urban Policy Special Lecture II (Urban Public Policy) (Kodama/Hisasue/Nagata, Junko/Goishi/Mizukami) Urban Policy Exercises (Various faculty) Research Guidance I (Various faculty) Research Guidance II (Various faculty) Research Guidance III (Various faculty)
		Konagaya, Kazuyuki	Urban location and development	
		Hisasue, Yayoi	Laws and litigations on public lands and properties	
		Fujitsuka, Yoshihiro	Gentrification studies in inner city areas	
		Goishi, Norimichi	International comparative research on social policy in East Asia	
		Tatemi, Junya	Research on the development of industrial clusters and the role of local institutions and conventions	
		Nagata, Junko	Administrative management	
		Matsunaga, Keiko	Research on autonomy of regional industry, urban social economy, and inter-mountainous areas	
		Mizukami, Keigo	International comparison of urban public finance and research on urban fiscal history	
	International Regional Economy	Aruga, Toshiyuki	Multinational corporations, globalization of industrial clusters	International Regional Economy Special Lecture I (Glocal Economics) (Aruga/Li) International Regional Economy Special Lecture II (Asian Region Economics) (Oh/Kaneko) International Regional Economy Exercises (Various faculty) Research Guidance I (Various faculty) Research Guidance II (Various faculty) Research Guidance III (Various faculty)
		Li, Jie sheng	Research on East Asian labor economy	
		Oh, Tomei	Research on the Chinese capital market	
		Kaneko, Katsunori	Research on the hospital industry, medical demand, and human resource development in Southeast Asia	
	Entrepreneurship	Shindo, Haruomi	Corporate Venturing, Academic Spinoffs	Entrepreneurship Special Lecture (Entrepreneurship Strategy Systems) (Ozawa) Entrepreneurship Special Lecture II (Entrepreneurship Policy) (Chika/Shindo) Entrepreneurship Exercises (Various faculty) Research Guidance I (Various faculty) Research Guidance II (Various faculty) Research Guidance III (Various faculty)
		Chika, Katsuhiko	Comprehensive policy research on information capital	
		Ozawa, Takashi	Research on the dynamics of competition	
	Co-existing Society Creation	Akuzawa, Mariko	On the acceptance of the concept of human rights in civil society	Co-existing Society Creation Special Lecture I (Co-existing Society Creation Research Fundamentals) (Akuzawa/Kashiwagi/Hirota/Shingae) Co-existing Society Creation Special Lecture II (Co-existing Society Creation Research Methodology) (Akuzawa/Kashiwagi/Hirota/Shingae) Co-existing Society Creation Exercises (Various faculty) Research Guidance I (Various faculty) Research Guidance II (Various faculty) Research Guidance III (Various faculty)
		Kashiwagi, Hiroshi	Comparative research on Japanese NPOs, management of NPOs, social policy in the USA	
		Hirota, Yoji	Psychological assessment and aid relationships	
		Shingae, Akitomo	Multiple societies, social welfare	
	Urban Information Environment	Abe, Kota	Research on distributed systems and system software	Urban Information Environment Special Lecture I (Urban Information Media Environment) (Raghavan/Murakami/Yonezawa/Yoshida) Urban Information Environment Special Lecture II (Urban Information Infrastructure Systems) (Matsuura/Ishibashi/Abe) Urban Information Environment Exercises (Various faculty) Research Guidance I (Various faculty) Research Guidance II (Various faculty) Research Guidance III (Various faculty)
		Ishibashi, Hayato	Research on Internet construction and operation technology	
		Raghavan, Venkatesh	Research on spatial information systems and databases	
		Murakami, Harumi	Research on information retrieval, artificial intelligence, and user interface	
		Yonezawa, Go	Research on sustainable urban development using spatiotemporal information	
		Yoshida, Daisuke	Research on web services targeting location and spatial information, and data processing by cloud/grid computings	

□ Department of Food and Human Health Sciences

Research Field	Faculty	Research Theme
Clinical and Applied Nutrition Public Health and Community Nutrition	Nishikawa, Yoshikazu	Epidemiology of food and water born infections and the effects of aging and nutrition on host defense (Food Microbiology) [Environmental Health Science]
	Habu, Daiki	Study on nutritional assessment and therapy for liver cirrhosis and fatty liver disease
	Yoshita, Katsushi	Public health and community nutrition research on prevention of life-style related diseases (Public Health and Community Nutrition) [Public Health and Community Nutrition]
	Saeki, Shigeru	Molecular and biochemical nutrition studies on lipid metabolism (Molecular and Biochemical Nutrition) [Molecular and Biochemical Nutrition]
Food Science Nutrition Education	Masuda, Toshiya	Organic chemistry of plant phenols including polyphenols (Food Chemistry) [Food Science]
	☆Haruki, Toshi	Research on the methodology of nutritional education based on behavioral science
	Furusawa, Naoto	Research on chemical substance residues in foods (Food Hygienic Science)
	Ichikawa, Naoki	Biochemical/molecular biological research on energy metabolism regulatory systems (Biochemistry)
Nutritional Medicine Environmental Health Science	Kojima, Akiko	Research of pathophysiology and nutritional biochemistry on prevention of life-style related diseases(Pathophysiology in Nutrition)
	Kim, Dong-ho	Molecular nutritional studies on lipoprotein metabolism (Molecular Nutrition)
	Ueda, Yukiko	Research on school lunch service management and education (School Lunch Management & Administration)
	Yasui, Yoko	Clinical nutrition research on tailor-made nutrition education (Clinical Nutrition)
Molecular and Biochemical Nutrition	Fukumura, Tomoe	Research on prevention of lifestyle-related disease and support of nutrition/eating habits (Applied Nutrition)
	Nakadai, Eriko	Molecular and biochemical research on environmental stress and biological defenses (Food and Biological Defenses)
	Hayami, Naomi	Eating behaviors among adolescents and development of nutrition education programs

Note: ( ) in the research theme column indicates a specialized subject name in the master course entrance examination.

( ) in the research theme column indicates a specialized field name in the doctoral course entrance examination.

**Part-Time Instructors**

Sakai, Juro	Tohoku University Graduate School
Uchida, Koji	The University of Tokyo Graduate School
Ikeda, Ikuo	Tohoku University
Okamura, Tomonori	Keio University
Ono, Masao	Mito Medical Center
Minami, Naoto	Kyoto Tachibana University
Okumura, Ayao	Ayao Okumura Cooking Studio

☆ Specially Appointed Instructor

◇ Food and Human Health Science Course

Class (Master Course)	Faculty
Advanced Food Science	Masuda, Toshiya
Workshop in Advanced Food Science	Masuda, Toshiya
Advanced Food Microbiology	Nishikawa, Yoshikazu
Exercise in Advanced Food Microbiology	Nishikawa, Yoshikazu
Advanced Immunonutrition	Nishikawa/Nakadai
Advanced Food Hygiene Science	Furusawa, Naoto
Exercise in Advanced Food Hygiene Science	Furusawa, Naoto
Teaching Food Hygiene Science	Furusawa, Naoto
Advanced Food Enzymology	Ito, Kazuo (1)
Special Lectures on Food and Nutrition	Saeki/(Sakai)/(Uchida)
Exercise in the Science of Nutrition Functions	(Ikeda)/(Okamura)/(Ono)
Bioenergetics	Kojima, Akiko
Exercise in Bioenergetics	Ichikawa, Naoki
Advanced Nutritional Pathology	Ichikawa, Naoki
Advanced Developmental Clinical Nutrition	Kojima, Akiko
Exercise in the Developmental Clinical Nutrition	Kojima, Akiko
Public Health Nutrition	Kojima, Akiko
Exercise in Public Health Nutrition	Yoshita, Katsushi
Nutritional Epidemiology	Yoshita, Katsushi
Child Developmental and Public Health Nutrition I	Yoshita, Katsushi
Child Development and Public Health Nutrition II	Yoshita/Fukumura
Advanced Nutritional Medicine I	Yoshita/Fukumura
Advanced Nutritional Medicine II	Habu, Daiki
Advanced Hepato-Biliary-Pancreatology I	Habu, Daiki
Exercise in Nutritional Support Team	Habu, Daiki
Advanced Nutrition Management in the Clinical Field	Habu/Yasui
Exercise of Advanced Nutrition Management in the Clinical Field	Yasui, Yoko
Advanced Nutritional Treatment I	Yasui, Yoko
Advanced Nutritional Treatment II	Yasui, Yoko
Exercise in Advanced Practice of Nutritional Treatment	Yasui, Yoko
Molecular and Biochemical Nutrition	Habu/Yasui
Exercise in Molecular and Biochemical Nutrition	Saeki/Kim
Molecular Cell Biology	Saeki/Kim
Advanced Nutrition Education	Kim, Dong-ho
Exercises for Advanced Nutrition Education	Haruki, Toshi
Advanced Health Nutrition Education	Haruki, Toshi
Advanced Health Nutrition Education II	Haruki, Toshi
Exercises for the Health Nutrition Education	Haruki, Toshi
Advanced Food Service Management	Haruki, Toshi
Advanced School Nutrition and Meal Counseling	Ueda, Yukiko
Workshop in Advanced School Nutrition and Meal Counseling	Ueda, Yukiko
Advanced Applied Nutrition	Ueda, Yukiko
Exercises in Advanced Applied Nutrition	Fukumura, Tomoe
Advanced Science in Exercise and Support	Fukumura, Tomoe
Advanced Studies in Food Culture	Watanabe, Hitoshi (2)
Lifestyle Applied Statistics	(Minami)/(Okumura)
International Science Communication	Emura/Saeki
Advanced Studies for Master's Course	Farnham/Hayami
	Various faculty

(1) Instructor from the Graduate School of Science who teaches classes in this graduate school.

(2) Instructor from the Research Center for Urban Health & Sports who teaches classes in this graduate school.

Classes (Doctoral Course)	Faculty
Doctoral Special Research	Various faculty

**Human Life Science Seminar**

Class	Faculty
Human Life Science Seminar	Nishikawa, Yoshikazu/Others

(2) Instructor from the Research Center for Urban Health & Sports who teaches classes in this graduate school.

Classes (Doctoral Course)	Faculty
Doctoral Special Research	Various faculty

**Human Life Science Seminar**

Class	Faculty
Human Life Science Seminar	Nishikawa, Yoshikazu/Others

□ Department of Housing and Environmental Design

◇ Housing and Environmental Design Course

Research Field	Faculty	Research Theme
Housing and Culture	*Tajimi, Sakon	Research on housing supply and demand structures (Housing) [Housing & Environment Cultural Studies]
	Emura, Kazuo	Optimization of the thermal environment and energy saving (Housing & Environment Engineering) [Housing & Environment Engineering]
	*Fujita, Shinobu	Planning and functionality in housing and urban planning (Urban Planning) [Housing Space Planning]
	Okada, Akira	Ergonomics research for interfaces and environmental design (Housing Ergonomics) [Housing Safety & Ergonomic Engineering]
Material Science in Environment	Mori, Kazuhiko	Research on housing welfare and environmental design (Housing Welfare Planning) [Housing Welfare Design]
	Watanabe, Tsugumichi	Research on maintenance and new construction of housing (Housing Construction Method) [Housing Space Structure Design]
	Koito, Akiko	Research on dwelling life of children and families (Dwelling Life Science) [Housing Life Science]
	Matsushita, Daisuke	Research on design methods based on human behavior (Housing Space Design) [Housing Space Design]
Housing Planning	*Doi, Tadashi	Performance evaluation of comprehensive functional environmental materials and wooden environments (Housing and Environment Regulatory Materials Science)
	Ueda, Hiroyuki	Research on elderly housing and housing anthropology (Housing Anthropology)
	Sakai, Hideki	Research on environmental materials (Housing & Environment Material Aesthetics)
	Koike, Shihoko	Research on living space design (Housing Space Design)
Housing and Environmental Design	Fukuda, Miho	Historical research on living spaces (Cultural History of Housing)
	Farnham, Craig	Research on air conditioning equipment and thermal comfort (Building facilities)
	Ikuta, Eisuke	Research on disaster management and safety of housing and environments
	Nishioka, Moto	Ergonomic research on devices and environments supporting the lifestyles of the elderly and disabled

Class (Master Course)	Faculty
Advanced Community-Based Town Planning Seminar on Advanced Community-Based Town Planning Advanced Studies in Living Arrangements Seminar on Advanced Studies in Living Arrangements Housing Housing Exercises Advanced Cultural History of Housing Advanced Housing and Design Residential Space Design I Residential Space Design II Workshop in Residential Space Design Advanced Technology of Well-Living Planning Advanced Theory and Practice of Well-Living Design Advanced Design Method of Welfare House Advanced Theory of Anthropology of Dwellings Advanced Ergonomics Seminar on Advanced Ergonomics Advanced Design Method for Assistive Technologies Advanced Safety Engineering of Housing Advanced Environmental Engineering in Architecture Seminar on Advanced Environmental System Design in Architecture Seminar on Advanced Building Services and Engineering Practice Advanced Environmental Material Seminar on Advanced Environmental Material Advanced Environmental and Materials Aesthetics Structural Design and Construction Methods of Buildings Lifestyle Statistics Design Internship I Design Internship II Design Internship III Design Internship IV Design Internship V Advanced Theory and Practice of Design Projects Management Lifestyle Applied Statistics International Science Communication Advanced Studies for Master's Course	Fujita, Shinobu Fujita, Shinobu Koito, Akiko Koito, Akiko Tajimi, Sakon Tajimi, Sakon Fukuda, Miho (Fujita, Haruhiko) Koike, Shihoko Matsushita, Daisuke Matsushita, Daisuke Mori, Kazuhiko Mori/(Takehara)/(Matsumoto) Ueda, Hiroyuki Ueda, Hiroyuki Okada, Akira Okada, Akira (Sagara, Jiro) Mori/Ikuta Emura, Kazuo Emura, Kazuo Farnham, Craig Watanabe/Tsuji Watanabe, Tsugumichi Sakai, Hideki Watanabe, Tsugumichi Tajimi/Emura Koike/(Eto)/Others Mori/(Takahashi)/Others Emura/Others Okada, Akira/Others Watanabe/Others Mori/(Takehara)/(Eto) Emura/Saeki Farnham/Hayami Various faculty

Classes (Doctoral Course)	Faculty
Doctoral Special Research	Various faculty

**Human Life Science Seminar**

Class	Faculty
Human Life Science Seminar	Nishikawa, Yoshikazu/Others

Note: ( ) in the research theme column indicates a specialized subject name in the master course entrance examination.  
( ) in the research theme column indicates a specialized field name in the doctoral course entrance examination.

**Part-Time Instructors**

Fujita, Haruhiko	Osaka University Graduate School
Takehara, Yoshiji	Moo Architecture Studio
Matsumoto, Naoko	Kimura-Matsumoto Architects Office
Sagara, Jiro	Kobe Design University
Tsuji, Hideichi	Yasui Architects & Engineers, Inc.
Eto, Teruo	Yu Architectural Design Office
Takahashi, Jutaro	

\*Planned to resign as of March 31st, 2018.

□ Department of Social Services and Clinical Psychology

Research Field	Faculty	Research Theme
Social Work	Nakai, Takaaki	Educational clinical studies, Evolution human behavioral studies (Educational Clinical Studies) [Educational Clinical Studies]
	Mifune, Naoko	Psychopathology/developmental disorders studies, psychotherapy studies (Psychological Clinical Studies) [Psychological Clinical Studies]
	Okada, Shinichi	Research on Social Work, Social Administration, and Social Welfare (Social Welfare)[Social Welfare]
	Tokoro, Michihiko	Theoretical and policy research on social security supporting family diversification (Welfare Policy Studies) [Welfare Policy Studies]
Social Policy	Horiguchi, Tadaashi	Research on poverty reduction, development assistance, life improvement, etc.) (Social Development Studies) [Social Development Studies]
	Ohnishi, Jiro	Psychiatric social work, end-of-life care (Welfare System Studies) [Welfare System Studies]
	☆Tachi, Naohiko	Psychoanalysis, child adolescent psychiatry
	※Hattori, Ryoko	Economic policy research on work, life, and welfare, work life balance policy research
Social System of Human Well-being	Shinoda, Miki	Research on clinical psychology of the elderly, psychotherapy research (Developmental Clinical Psychology)
	Nagahama, Teruyo	Mother-child psychology clinical research, psychotherapy research (Perinatal Family Clinical Studies)
	Nomura, Yasuyo	Research on conflict management methods in communities, research on housing welfare (Community Welfare Studies)
Advanced Interdisciplinary Care	Matsuki, Hiroto	Family sociology and child care support (Family Sociology)
	☆Nakashima, Naomi	Research on community based child and family welfare
	Gotoh, Kayoko	Research on practices in clinical psychology in adolescence and mentality of adolescents
	Unoura, Naoko	Research on advocacy practice in social work
	Shimizu, Yuka	Research on community care for people with mental disabilities

Note: ( ) in the research theme column indicates a specialized subject name in the master course entrance examination.  
 ( ) in the research theme column indicates a specialized field name in the doctoral course entrance examination.

**Part-Time Instructors [Social Services Course]**

Matsumoto, Issho      Matsumoto Clinic

**Part-Time Instructors [Clinical Psychology Course]**

Fukunaga, Tomoko      Osaka University  
 Suzuki, Chieko      Tezukayama Gakuin University Graduate School  
 Otsuka, Yoshitaka  
 Ujihara, Hiroshi      Tezukayama Gakuin University Graduate School  
 Ohori, Akiko      Tezukayama Gakuin University Graduate School  
 Ukai, Natsuko      Osaka University of Economics  
 Kanaoka, Hiroko      Osaka Prefecture School Counselor & Supervisor  
 Yamanaka, Yasuhiro      Hamamatsu University Graduate School  
 Kubota, Takuji      Yodogawa Christian Hospital  
 Takamiya, Shizuo      Takamiya Kokorono Clinic  
 Tanaka, Kiwamu      Hyogo Mental Health Center  
 Hirai, Takao      Hirai Clinic  
 Kurokawa, Nobuo      Kurokawa Internal Medicine/Kurokawa Psychological Research Lab  
 Hasegawa, Keizo      Interactional Therapy and Research Center

\*Planned to resign as of March 31st, 2018.

☆ Specially Appointed Instructor

◇ Social Services Course

Class (Master Course)	Faculty
Advanced Seminar in Theories for Social Welfare	Tokoro/Okada, Shinichi
Advanced Interdisciplinary Care Science	Okada, Shinichi
Advanced Research and Statistical Methods in Social Welfare	Okada, Shinichi
Advanced Social Policy	Tokoro, Michihiko
Advanced Comparative Study of Social Policy	Tokoro, Michihiko
Advanced Social Development I	Horiguchi, Tadaashi
Advanced Social Development II	Horiguchi, Tadaashi
Advanced Studies of Welfare System	Ohnishi, Jiro
Advanced Studies of Mental Health and Social Welfare	Ohnishi, Jiro
Work Life Balance Policy I	Hattori, Ryoko
Work Life Balance Policy II	Hattori, Ryoko
Advanced Housing for Life and Well-Being	Nomura, Yasuyo
Advanced Community Welfare	Nomura, Yasuyo
Advanced Family Sociology	Matsuki, Hiroto
Advanced Qualitative Research Method	Matsuki, Hiroto
Advanced Theory and Practice of Social Work Advocacy	Unoura, Naoko
Advanced Theory and Practice of Child and Family Services	Nakashima, Naomi
Advanced Seminar on Rehabilitation	(Matsumoto, Issho)
Lifestyle Applied Statistics	Emura/Saeki
International Science Communication	Farnham/Hayami
Master Special Research	Various faculty

◇ Clinical Psychology Course

Class (Master Course)	Various faculty
Advanced Studies of Support for Developmental disabilities	Mifune, Naoko
Advanced Studies of Human Relationship Psychology	Mifune, Naoko
Advanced Personality Psychology	Gotoh, Kayoko
Advanced Clinical Psychology I	Mifune, Naoko
Advanced Clinical Psychology II	Shinoda, Miki
Case Studies in Clinical Psychology	Tachi, Naohiko
Practice of Clinical Psychology I	Mifune/Gotoh
Practice of Clinical Psychology II	Mifune/Gotoh
Advanced Method of Psychotherapy I	Nagahama, Teruyo
Advanced Method of Psychotherapy II	Mifune, Naoko
Basic Practice of Clinical Psychology I	Shinoda/Nagahama
Basic Practice of Clinical Psychology II	Shinoda/Nagahama
Advanced Studies of Dynamic Psychotherapy	Tachi, Naohiko
Advanced Perinatal Clinical Psychology	Nagahama, Teruyo
Educational Clinic I	Nakai, Takaaki
Educational Clinic II	Nakai, Takaaki
Advanced Studies on Geropsychology	Shinoda, Miki
Seminar on Psychological Assessment of Clinical Psychology	Shinoda/Hirota (1)/(Fukunaga)
Psychology of Disability	Shinoda/(Suzuki)
Studies of Advanced Counseling	Mifune/(Otsuka)/(Ujihara)
Developmental Psychology	Mifune/(Otsuka)/(Ukai)
School Counseling	Shinoda/(Kanaoka)
Advanced Studies on Psychotherapy	Mifune/(Yamanaka)/(Ujihara)
Advanced Studies of Psychotherapy	Mifune/(Kubota)/(Tanaka)
Psychology Special Exercises	Mifune/(Hirai)
Advanced Psychosomatic Medicine	Mifune/(Kurokawa)
Advanced Clinical Psychology	Nagahama/(Hasegawa)
Lifestyle Applied Statistics	Emura/Saeki
International Science Communication	Farnham/Hayami
Advanced Studies for Master's Course	Various faculty

(1) Instructor from the Graduate School of Creative Cities who teaches classes in this graduate school

Classes (Doctoral Course)	Faculty
Doctoral Special Research	Various faculty

**Human Life Science Seminar**

Class	Faculty
Human Life Science Seminar	Nishikawa, Yoshikazu/Others



# 2017 Graduate School First Phase Doctoral Program

Current as of April 1st, 2017

Graduate School	Department	Seats Open	Applicants		Examinees		Passed		Non-OCU Grads		Admitted	
Business	International Business	24	15	(12) 《0》 〈1〉 〔0〕	14	(12) 《0》 〈1〉 〔0〕	6	(4) 《0》 〈1〉 〔0〕	4	(4) 《0》 〈0〉 〔0〕	5	(4) 《0》 〈1〉 〔0〕
Economics	Modern Economics	16	55	(52) 《1》 〈0〉	55	(52) 《1》 〈0〉	25	(22) 《1》 〈0〉	24	(22) 《1》 〈0〉	21	(19) 《1》 〈0〉
Law	Law & Political Science	15	6	(0) 《0》 〈0〉	6	(0) 《0》 〈0〉	2	(0) 《0》 〈0〉	1	(0) 《0》 〈0〉	1	(0) 《0》 〈0〉
Literature and Human Science	Philosophy & History	14	17	(2) 《3》	14	(2) 《3》	7	(1) 《1》	4	(1) 《0》	7	(1) 《1》
	Human Behavioral Science	16	14	(7) 《1》	12	(6) 《1》	5	(2) 《0》	3	(2) 《0》	4	(2) 《0》
	Language & Culture	22	21	(10) 《1》	21	(10) 《1》	16	(6) 《1》	9	(5) 《0》	13	(6) 《1》
	Asian Culture & Urbanism	8	11	(10) 《1》	10	(9) 《1》	6	(5) 《1》	6	(5) 《1》	6	(5) 《1》
	Total	60	63	(29) 《6》	57	(27) 《6》	34	(14) 《3》	22	(13) 《1》	30	(14) 《3》
Science	Mathematics & Physics	29	51	(0) 《0》 〈2〉	48	(0) 《0》 〈2〉	37	(0) 《0》 〈2〉	4	(0) 《0》 〈0〉	31	(0) 《0》 〈2〉
	Molecular Materials Science	34	51	(0) 《0》 〈1〉	50	(0) 《0》 〈1〉	41	(0) 《0》 〈1〉	2	(0) 《0》 〈1〉	37	(0) 《0》 〈1〉
	Biology & Geosciences	29	32	(2) 《0》 〈0〉	28	(2) 《0》 〈0〉	24	(0) 《0》 〈0〉	2	(0) 《0》 〈0〉	19	(0) 《0》 〈0〉
	Total	92	134	(2) 《0》 〈3〉	126	(2) 《0》 〈3〉	102	(0) 《0》 〈3〉	8	(0) 《0》 〈1〉	87	(0) 《0》 〈3〉
Engineering	Mechanical & Physical	33	50	(2) 《0》	49	(2) 《0》	42	(0) 《0》	1	(0) 《0》	42	(0) 《0》
	Electric & Information	50	77	(0) 《5》	77	(0) 《5》	70	(0) 《5》	2	(0) 《0》	70	(0) 《5》
	Applied Chemistry & Bio	33	50	(1) 《3》	50	(1) 《3》	43	(1) 《3》	4	(1) 《3》	43	(1) 《3》
	Urbanism	45	64	(2) 《1》	63	(2) 《1》	55	(0) 《1》	8	(0) 《1》	53	(0) 《1》
	Total	161	241	(5) 《9》	239	(5) 《9》	210	(1) 《9》	15	(1) 《4》	208	(1) 《9》
Medicine	Medicine	12	19		17		17		17		15	
Nursing	Nursing	10	7	《2》	7	《2》	5	《2》	4	《2》	5	《2》
Human Life Science	Human Life Science	48	93	(4) 《18》 〈2〉	89	(3) 《18》 〈2〉	54	(3) 《8》 〈2〉	25	(3) 《6》 〈1〉	51	(3) 《8》 〈2〉
Total		438	633	(104) 《27》 〈15〉 〔0〕	610	(101) 《27》 〈15〉 〔0〕	455	(44) 《14》 〈15〉 〔0〕	120	(43) 《10》 〈6〉 〔0〕	423	(41) 《14》 〈15〉 〔0〕

\*1: The Medical Science Department of the Graduate School of Medicine consists of only a master's degree program.

2 ( ) indicates the number of specially admitted international students.

3 《 》 indicates the number of specially admitted mature students in the Graduate Schools of Business, Economics, Law, Literature and Human Science, Science (Molecular Materials Science Department), Nursing, and Human Life Science.

4 〈 〉 indicates the number of specially admitted recommended students in the Graduate Schools of Business, Economics, Law, Science, Engineering, and Human Life Science.

5 [ ] indicates the number of specially admitted to the 3 year undergraduate/2 year graduate school program in the Graduate School of Business.

# 2017 Graduate School Second Phase Doctoral Program Entrance Examination Results

Current as of April 1st, 2017

Graduate School	Department	Seats Open	Applicants		Examinees		Passed		Non-OCU Grads		Admitted	
Business	International Business	8	3	(1)	3	(1)	3	(1)	1	(1)	3	(1)
Economics	Modern Economics	8	1	(0) 《1》	1	(0) 《1》	1	(0) 《1》	1	(0) 《1》	1	(0) 《1》
Law	Law & Political Science	10	3	(2)	3	(2)	1	(0)	1	(0)	1	(0)
Literature and Human Science	Philosophy & History	8	6	(4) 《0》	6	(4) 《0》	6	(4) 《0》	1	(1) 《0》	6	(4) 《0》
	Human Behavioral Science	8	4	(0) 《0》	4	(0) 《0》	4	(0) 《0》	1	(0) 《0》	3	(0) 《0》
	Language & Culture	12	7	(4) 《3》	7	(4) 《3》	7	(4) 《3》	2	(1) 《1》	7	(4) 《3》
	Asian Culture & Urbanism	4	1	(1) 《0》	1	(1) 《0》	0	(0) 《0》	0	(0) 《0》	0	(0) 《0》
	Total	32	18	(9) 《3》	18	(9) 《3》	17	(8) 《3》	4	(2) 《1》	16	(8) 《3》
Science	Mathematics & Physics	14	3	(1) 《1》	3	(1) 《1》	3	(1) 《1》	1	(0) 《0》	3	(1) 《1》
	Molecular Materials Science	13	3	(0) 《0》	3	(0) 《0》	3	(0) 《0》	0	(0) 《0》	3	(0) 《0》
	Biology & Geosciences	14	7	(1) 《0》	7	(1) 《0》	7	(1) 《0》	0	(0) 《0》	7	(1) 《0》
	Total	41	13	(2) 《1》	13	(2) 《1》	13	(2) 《1》	1	(0) 《0》	13	(2) 《1》
Engineering	Mechanical & Physical	7	1	(0) 《0》	1	(0) 《0》	1	(0) 《0》	0	(0) 《0》	1	(0) 《0》
	Electric & Information	10	3	(0) 《1》	3	(0) 《1》	3	(0) 《1》	0	(0) 《0》	3	(0) 《1》
	Applied Chemistry & Bio	7	4	(0) 《2》	3	(0) 《2》	3	(0) 《2》	0	(0) 《0》	3	(0) 《2》
	Urban	9	3	(1) 《2》	3	(1) 《2》	3	(1) 《2》	2	(1) 《1》	3	(1) 《2》
	Total	33	11	(1) 《5》	10	(1) 《5》	10	(1) 《5》	2	(1) 《1》	10	(1) 《5》
Medicine	Basic Medical Science	30	8	(1)	7	(0)	6	(0)	2	(0)	5	(0)
	Clinical Medical Science	40	62	(2)	62	(2)	59	(2)	27	(2)	58	(2)
	Total	70	70	(3)	69	(2)	65	(2)	29	(2)	63	(2)
Nursing	Nursing	3	3	《2》	3	《2》	3	《2》	2	《2》	3	《2》
Human Life Science	Human Life Science	15	10	(1) 《7》	10	(1) 《7》	9	(0) 《7》	5	(0) 《3》	9	(0) 《7》
Total		220	132	(19) 《19》	130	(18) 《19》	122	(14) 《19》	46	(6) 《8》	119	(14) 《19》

\* 1 ( ) indicates the number of specially admitted international students.

2 《 》 indicates the number of specially admitted mature students in the Graduate Schools of Economics, Literature and Human Science (Department of Asian Culture & Urbanism), Science, Engineering, Nursing, Human Life Science.

3 The number of students who passed and entered the second choice of department in the Graduate School of Medicine are shown in the total of the Applicants and Examinees columns.

4 The number of seats open in the Graduate School of Science and Graduate School of Engineering include the October entrance exam.

## 2016 Graduate School First Phase Doctoral Program Entrance Examination Results

### Graduate School of Science: October Admissions (Specially Admitted International Students)

Current as of October 1st, 2016

Graduate School	Department	Seats Open	Applicants	Examinees	Passed	Non-OCU Grads	Admitted
Science	Mathematics & Physics	29	0	0	0	0	0
	Molecular Materials Science	34	0	0	0	0	0
	Biology & Geosciences	29	0	0	0	0	0
Total		—	0	0	0	0	0

\*No applications made in 2016

## 2016 Graduate School First Phase Doctoral Program Entrance Examination Results

### Graduate School of Science: October Admissions (General, International Students, Mature Students)

Current as of October 1st, 2016

Graduate School	Department	Seats Open	Applicants	Examinees	Passed	Non-OCU Grads	Admitted
Science	Mathematics & Physics	14	0	0	0	0	0
	Molecular Materials Science	13	0	0	0	0	0
	Biology & Geosciences	14	0	0	0	0	0
Total		—	0	0	0	0	0

\*No applications made in 2016

## 2016 Graduate School First Phase Doctoral Program Entrance Examination Results

### Graduate School of Engineering: October Admissions (International Students, Mature Students)

s of October 1st, 2016

Graduate School	Department	Seats Open	Applicants	Examinees	Passed	Non-OCU Grads	Admitted
Engineering	Mechanical & Physical	7	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	Electric & Information	10	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	Applied Chemistry & Bio	7	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	Urban Engineering	9	3 (3)	3 (0)	3 (3)	2 (0)	3 (0)
Total		33	3 (3)	3 (0)	3 (3)	2 (0)	3 (0)

- \* 1. ( ) indicates specially admitted international students.  
 2. 《 》 indicates the number of specially admitted mature students.

## 2016 Graduate School First Phase Doctoral Program Entrance Examination Results

### Graduate School of Medicine: October Admissions (Specially Admitted International Students)

Current as of October 1st, 2016

Graduate School	Department	Seats Open	Applicants		Examinees		Passed		Non-OCU Grads	Admitted	
Medicine	Basic Medical Science	30	0	0	0	0	0	0	0	0	0
	Clinical Medical Science	40	0	0	0	0	0	0	0	0	0
Total		—	0	0	0	0	0	0	0	0	0

\*No applications made in 2016

## 2017 Graduate School of Law, Law School Entrance Examination Results

Current as of April 1st, 2017

Graduate School/ Department	Category	Seats Open	Applicants	1st Round Passed	1st Round Failed	Examinees	Passed	Admitted
Graduate School of Law, Law School	3 Year Standard Course	30	45	44	1	38	20	12
	2 Year Accelerated Course		48	47	1	34	16	7
Total		30	93	91	2	72	36	19

# 2017 Graduate School for Creative Cities Entrance Examination Results

## Master's Degree Programs

Current as of April 1st, 2017

Grad School	Department	Category	Seats Open	Applicants	Examinees	Passed	Admitted
Creative Cities	Urban Business	General	35	13	13	11	11
		Special Admission		19	17	8	8
		Recommended Students		0	0	0	0
		Department Total		32	30	19	19
	Urban Policy	General	50	33	32	21	21
		Special Admission		9	9	5	4
		Recommended Students		3	3	3	3
		Department Total		45	44	29	28
	Urban Information	General	25	6	6	5	5
		Special Admission		7	7	5	5
		Recommended Students		1	1	1	1
		Department Total		14	14	11	11
	Total	General	110	52	51	37	37
		Special Admission		35	33	18	17
		Recommended Students		4	4	4	4
	Grand Total		110	91	88	59	58

## Second Phase Doctoral Program

Current as of April 1st, 2017

Grad School	Department	Category	Seats Open	Applicants	Examinees	Passed	Admitted
Creative Cities	Creative Cities	A Admission	10	12	12	10	10
		B Admission		0	0	0	0
Total			10	12	12	10	10

## ■ Alma Maters of Students Admitted in 2017

First Phase Doctoral Program	
Graduate School	Alma Maters of Students Admitted (excluding Osaka City University) *Not in order
Business	Osaka Sangyo University、Zhongkai University of Agriculture and Engineering、Jiangsu University of Technology、Kansai University
Economics	Sichuan International Studies University、Southwest Minzu University、Osaka Sangyo University、Beijing International Studies University、Jiaxing University、Yangtze Normal University、Aichi University、University of Shanghai for Science and Technology、Jiangsu University of Science and Technology、Beijing Institute of Technology、East University of Heilongjiang、Ritsumeikan University、Konkuk University、Jimei University、Hankyong National University、Central China Normal University、Wuhan Yangtze Business University、Kibi International University
Law	<No students admitted from other universities>
Literature and Human Science	Ritsumeikan University、Kyoto Prefectural University、Kindai University、Osaka Kyoiku University、Southwest Minzu University、Rikkyo University、Renmin University of China、Xianyang Normal University、Hubei University of Arts and Science、Mie University、Shanghai Business School、China West Normal University、Nanjing University of Science and Technology、Qilu University of Technology、Jiangxi University of Technology、Keyi College of Zhejiang Sci-Tech University、Osaka College of Music
Science	Osaka Kyoiku University、Nara College of Technology、Soka University、Shizuoka University
Engineering	Kansai University、Mukogawa Women's University、National Institute of Technology、Wakayama College、Nihon University、Kindai University、Hiroshima University、Wakayama University、Chengdu University、Osaka Sangyo University、Nagoya Institute of Technology、Hiroshima Institute of Technology、Osaka Prefecture University College of Technology
Medicine	Kindai University、Nagahama Institute of Bio-Science and Technology、Tezukayama University、Osaka Kawasaki Rehabilitation University、Nishin Nihon Rehabilitation University、Nihon University、Ryukoku University、Kansai Vocational College of Medicine、Ochanomizu University、Gifu University Graduate School、Gifu Pharmaceutical University、University of Tokyo Graduate School、Hakuho Women's College、Hosei University、Baika Women's University、Osaka Biotechnology Vocational School
Nursing	Open University of Japan、National Institute of Public Health of Japan、Osaka City Sumiyoshi Nursing College
Human Life Science	Ritsumeikan University、Osaka Kyoiku University、Nara Women's University、Kindai University、Kyoto Women's University、Kaga University、Jin'ai University、Konan Women's University、Setsunan University、Dalian University of Foreign Languages、Chengdu School、Sichuan Normal University、Shanghai Jian Qiao University、Kwansei Gakuin University、Hanazono University、Tezukayama University、Mukogawa Women's University、Doshisha University、Bukkyo University

Second Phase Doctoral Program	
Graduate School	Alma Maters of Students Admitted (excluding Osaka City University) *Not in order
Business	University of National and World Economy
Economics	Kobe University
Law	Kanazawa University Graduate School
Literature and Human Science	Otemon Gakuin University、Sun Yat-sen University Graduate School、Taipei National University of the Arts、Ca'Foscari University of Venice
Science	Kyoto University Graduate School
Engineering	Osaka Kyoiku University
Medicine	Kindai University、Yamaguchi University、Ehime University、Nagasaki University Graduate School、Asahikawa Medical University、Nagoya University、Mie University、Osaka Medical College、University of Yamanashi、Wakayama Medical University、Teikyo University、Kansai Medical University、Kochi University、China Medical University、Aichi Medical University、Hyogo College of Medicine、Kagawa University、University of Fukui、Hirosaki University、University of Toyama、Kawasaki Medical School、Hanoi Medical University、Nangarhar University

Nursing	Hyogo University of Health Sciences, Kaga University Graduate School
Human Life Science	Sichi Shukutoku University Graduate School, Nagoya University of Arts and Sciences Graduate School, Kansai University Graduate School, Kurume University Graduate School, Seijoh University Graduate School

## ■ Graduate School Entrance Examination Schedule (Tentative)

	Graduate School	Department	General Admission	Special Admission			Application Document Distribution Period	Application Period	Entrance Examination	Notice of Results
				International	Mature	Recommendation				
First Phase Doctoral Program	Business	International Business	○	○	—	—	Early June	7/21 - 27	9/6 - 7	9/15
			—	—	—	○	4/11	6/2 - 8	7/11	7/25
	Economics	Modern Economics	○	○	○	—	Early June	7/21 - 27	9/4 - 5	9/15
			—	—	○	—		9/15 - 21	10/31	11/28
			—	—	—	○	4/11	6/2 - 8	7/4	7/21
	Law	Law & Political Science	○	○	○	—	Early June	7/21 - 27	8/30	9/12
			—	—	—	○	4/11	6/2 - 8	7/4	7/18
	Literature and Human Science	Philosophy & History, Human Behavioral Science, Language & Culture, Asian Culture & Urbanism	○	○	○	—	Early June Early November	7/21 - 27 Early January	9/5 - 6 Mid February	9/22 Early March
	Science	Mathematics & Physics, Molecular Materials Science, Biology & Geosciences	○	○	—	—	Early June	7/21 - 27	8/30 - 31	9/13
		Molecular Materials Science	—	—	○	—	Early November	Early January	Early February	Late February
		Mathematics & Physics, Molecular Materials Science, Biology & Geosciences	—	—	—	○	4/11	6/2 - 8	7/1	7/12
		Mathematics & Physics, Molecular Materials Science, Biology & Geosciences※	—	○	—	—	4/11	6/2 - 8	7/1	7/12
	Engineering	Mechanical & Physical, Electric & Information, Applied Chemistry & Bio, Urbanism	○	○	—	—	Early June	7/21 - 27	8/21 - 22	9/8
		Mechanical & Physical, Electric & Information, Applied Chemistry & Bio, Urbanism	—	—	—	○	4/11	6/2 - 8	7/4	7/14
	Human Life Science	Human Life Science	○	○	○ A ○ B	○	Early June	7/21 - 27	8/29 - 30	9/12
	Medicine (Master's Program)	Medicine	○	—	—	—	Early June	Early August	Early September	Mid September
	Nursing	Nursing	○	—	○	—	Early June	7/21 - 27	8/23	9/7
							Late November	Late January	Early February	Mid February
Second Phase Doctoral Program	Business	International Business	○	○	—	—	Early November	Early January	Mid February - Early March	Mid February - Early March
	Economics	Modern Economics	○	○	○	—				
	Law	Law & Political Science	○	○	—	—				
	Literature and Human Science	Philosophy & History, Human Behavioral Science, Language & Culture, Asian Culture & Urbanism	○	○	○	—				
	Science	Mathematics & Physics, Molecular Materials Science, Biology & Geosciences	○	○	○	—	4/11	6/2 - 8	7/1	7/12
		Mathematics & Physics, Molecular Materials Science, Biology & Geosciences※	○	○	○	—				
	Engineering	Mechanical & Physical, Electric & Information, Applied Chemistry & Bio, Urbanism※	○	○	○	—	Early June	7/21 - 27	8/21	9/6
		Mechanical & Physical, Electric & Information, Applied Chemistry & Bio, Urbanism	○	○	○	—	Early November	Early January	Early March	Early March
	Human Life Science	Human Life Science	○	○	○	—	Early November	Early January	Mid February	Early March
	Medicine (Doctoral Program)	Basic Medicine, Clinical Medicine	○	—	—	—	Early June	Early August	Late August	Mid September
				○	—	—	Mid November	Early January	Mid February	Mid March
	Nursing	Nursing	○	—	○	—	Late November	Late January	Early February	Mid February
	Law (Professional Program)	Law School	○	—	—	—	Early August	Mid October	Early December	Late December

\*October 2017 admissions



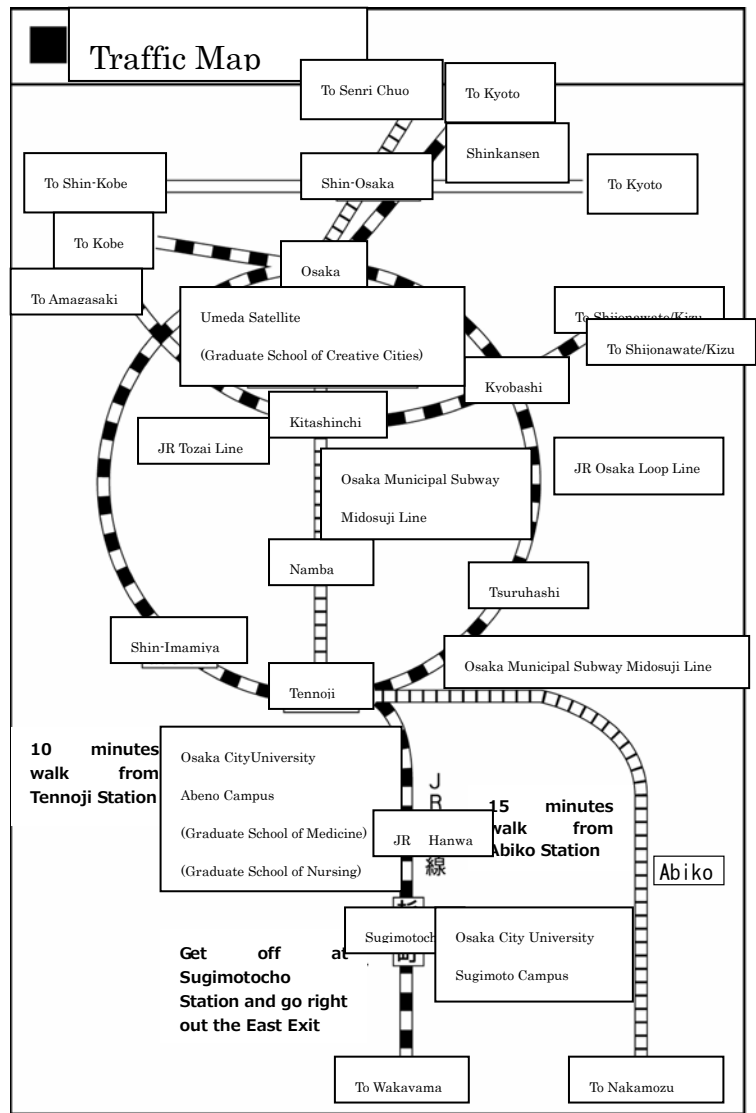
Graduate School	Department	General	Undergraduate Program Alumni	International	Recommendation	Application Document Distribution Period	Application Period	Entrance Examination	Notice of Results
Urban Management (Master's Program)	Urban Management	○	○	○	○	Late June	Late August	Early September	Mid September
		○	○	○	○	Late October	Early January	Mid February	Early March

\*The dates above are tentative and may be subject to change.

Graduate School	Department	General	Undergraduate Program Alumni	International	Recommendation	Application Document Distribution Period	Application Period	Entrance Examination	Notice of Results
Graduate School of Creative Cities (Second Phase Doctoral Program)	Creative Cities	○	○	○	—	Late October	Early January	Mid February	Early March

\*1: A second round of admissions may be held for first phase doctoral programs, as well as the Graduate School of Medicine and Graduate School of Nursing, depending on the graduate school and department. In that event, application guidelines will be presented in early November.

2: Please beware that schedules vary slightly from year to year.



Campus	Address	Graduate Schools	Directions
Sugimoto Campus	〒558-8585 3-3-138 Sugimoto, Sumiyoshi-ku, Osaka-shi	Graduate Schools of Business, Economics, Law, Literature and Human Science, Science, Engineering, Human Life Science, Creative Cities, Academic Information Center, Finance Division, Student Support Division, Entrance Examination Office, etc.	<b>JR Hanwa Line:</b> Get off at Sugimotocho Station, right out front of the East Exit <b>Osaka Municipal Subway Midosuji Line:</b> Get off at Abiko Station, walk 15 minutes southwest from Exit 4.
Abeno Campus	[Graduate School of Medicine] 〒545-8585 1-4-3 Asahi-machi, Abeno-ku, Osaka-shi [Graduate School of Nursing] 〒545-0051 1-5-17 Asahi-machi, Abeno-ku, Osaka-shi	Graduate School of Medicine, Graduate School of Nursing, Academic Information Center, Hall of Medicine	<b>JR and Osaka Municipal Subway:</b> Get off at Tennoji Station <b>Kintetsu Railway Minami Osaka Line:</b> Get off at Osaka Abenobashi Station, and walk west for 10 minutes.
Umeda Satellite	〒530-0001 Osaka Ekimae #2 Building, 1-2-2-600 Umeda Kita-ku, Osaka-shi	Graduate School of Creative Cities	<b>JR Tozai Line:</b> Get off at Kitashinchi Station, and walk 3 minutes. <b>JR Osaka Loop Line/Tokaido Line:</b> Get off at Osaka Station, and walk 10 minutes. <b>Osaka Municipal Subway:</b> Get off at Midosuji Line Umeda Station/ Tanimachi Line Higashi-Umeda Station/Hanshin Line Umeda Station, and walk 10 minutes <b>Osaka Municipal Subway Yotsubashi Line:</b> Get off at Nishi-Umeda Station and walk 5 minutes. <b>Hankyu Line:</b> Get off at Umeda Station and walk 15 minutes.



**University Administrative Department**

**Entrance Examination Office**

〒558-8585 3-3-138 Sugimoto, Sumiyoshi-ku, Osaka-shi

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## ■ Degrees

The following degrees are awarded by the graduate schools of Osaka City University.

If the department is an interdisciplinary field or a new field, then a master's degree (Academia) or doctorate degree (Academia) may be awarded.

Graduate School	Master's Degree	Doctorate Degree
B u s i n e s s	Master's (Business)	Doctorate (Business)
	Master's (Commerce)	Doctorate (Commerce)
	Master's (International Business)	Doctorate (International Business)
E c o n o m i c s	Master's (Economics)	Doctorate (Economics)
L a w	Master's (Law)	Doctorate (Law)
Literature & Human Science	Master's (Literature)	Doctorate (Literature)

Graduate School	Master's Degree	Doctorate Degree
S c i e n c e	Master's (Science)	Doctorate (Science)
E n g i n e e r i n g	Master's (Engineering)	Doctorate (Engineering)
M e d i c i n e	Master's (Medicine)	Doctorate (Medicine)
N u r s i n g	Master's (Nursing)	Doctorate (Nursing)
Human Life Science	Master's (Human Life Science)	Doctorate (Human Life Science)
	Master's (Academia)	Doctorate (Academia)
Creative Cities	————	Doctorate (Creative Cities)
Urban Management	Master's (Urban Management)	————

Graduate School	Professional Program Degree
L a w	Juris Doctor (Professional)

## ■ Teaching Certificates

The following teacher's licenses can be acquired at the various graduate schools of Osaka City University.

Graduate School	Department	License Subject	Type of Teaching Certificate
Business	International Business	Commerce	Upper Secondary School Advanced Teaching Certificate
Economics	Modern Economics	Social Studies	Lower Secondary School Advanced Teaching Certificate
		Geography & History	Upper Secondary School Advanced Teaching Certificate
		Civics	
Law	Law & Political Science	Social Studies	Lower Secondary School Advanced Teaching Certificate
		Civics	Upper Secondary School Advanced Teaching Certificate
Literature and Human Science	Philosophy & History Human Behavioral Science	Social Studies	Lower Secondary School Advanced Teaching Certificate
		Geography & History	Upper Secondary School Advanced Teaching Certificate
		Civics	
	Language & Culture	Japanese Language	Lower Secondary School Advanced Teaching Certificate Upper Secondary School Advanced Teaching Certificate
		Chinese Language	
		English Language	
		German Language	
		French Language	
	Asian Culture & Urbanism	Social studies	Lower Secondary School Advanced Teaching Certificate
		Geography & History	Upper Secondary School Advanced Teaching Certificate
Science	Mathematics & Physics	Mathematics Science	Lower Secondary School Advanced Teaching Certificate Upper Secondary School Advanced Teaching Certificate
	Molecular Materials Science	Science	
	Biology & Geosciences		
Engineering	Mechanical & Physical Electric & Information Applied Chemistry & Bio Urbanism	Industry	Upper Secondary School Advanced Teaching Certificate
Human Life Science	Human Life Science	Home Economics	Lower Secondary School Advanced Teaching Certificate Upper Secondary School Advanced Teaching Certificate
		Nutrition	Nutrition Instruction Advanced Teaching Certificate

## Additional, Deletion and Modification Points in 2018 Graduate School Overview(Sample)

The following points were changed.

•the mark,

( ) : Part-time Instructor, ※: Will retire on March 31, 2018, ○: Retired on September 30, 2017

### •Graduate School of Law

Major (Page)	Specialized Field	Name	Research Theme	Class (Master Course)	Class (Doctoral Course)	Correction
Law & Political Science Course (Page5)	Civil Procedure	Okanari, Genta	Property administration and civil procedure law, parties to an action	Civil Procedure 1	Civil Procedure 1	Addition
Law & Political Science Course (Page5)	Administrative Law	○ Nishigami, Osamu	Interagency actions, elderly law	Administrative Law 2	Administrative Law 2	Deletion

### •Graduate School of Law <Law School>

Major (Page)	Class and Grade	Name	Subject	Class (Master Course)	Class (Doctoral Course)	Correction
Law School (Page6)	Basic Legal Classes 1st Year, 2nd Semester	※Tunemitsu, Toru	Criminal Law II			Add※
Law School (Page6)	Developed/Advanced Classes 1st Year, 1st Semester	※Tunemitsu, Toru	Criminology			Add※
Law School (Page6)	Developed/Advanced Classes 2nd Year, 1st Semester	※Tunemitsu, Toru	Criminology			Add※

### •Graduate School of Science

Major (Page)	Specialized Field	Name	Research Theme	Class (Master Course)	Class (Doctoral Course)	Correction
Mathematics & Physics Department (Page12)		Kaneda, Masaharu	Algebraic groups and representation theory			Change
Mathematics & Physics Department (Page12)		Kamada, Seiichi	Knots and 3- and 4-dimensional topology			Change
Mathematics & Physics Department (Page12)		Furusawa, Masaaki	Automorphic representations and automorphic L-functions			Change
Mathematics & Physics Department (Page12)		Takahashi, Futoshi	Variational methods, nonlinear partial differential equations			Change
Mathematics & Physics Department (Page12)		※Tanisaki, Toshiyuki	Algebraic analysis (application to representation theory)			Deletion
Mathematics & Physics Department (Page12)		Itoh Yousuke	Gravitational wave astrophysics, General relativity			Addition
Mathematics & Physics Department (Page12)		Yamamoto, Kazuhiro → Seiya, Yoshihiro	High energy physics, neutrino physics, muon physics	High Energy Physics II		Change Professor
Biology and Geosciences Department (Page14)		Adachi, Natsuko	Evolution of reef ecosystems and secular fluctuations in marine environments	Advanced Historical Geology		Addition
Biology and Geosciences Department (Page14)		Goto, Shinsuke → Fuchikawa, Taro	Insect Neurosciences, Insect Molecular Biology, Chronobiology	Advanced Information Biology II		Change Professor

### •Graduate School of Engineering

Major (Page)	Research No. and Theme	Name	Research Theme	Class (Master Course)	Class (Doctoral Course)	Correction	Maximum No. of Student
Applied Chemistry and Bioengineering (Page17)	6 Biofunctional Engineering	Nagasaki, Takeshi	Development of biopolymer-based medical materials (drug delivery systems/boron delivery systems for boron neutron capture therapy/tissue adhesives), synthesis of sphingolipid analogues, elucidation of apoptosis-inducing mechanisms, development of novel anti-inflammatory drugs	Advanced Supramolecular Chemistry		Change a part of Research Theme	
Applied Chemistry and Bioengineering (Page17)	7 Cell Engineering	Tachibana, Taro	Investigation of new cell functions focusing on microbes and cell surface, and construction of cells with new functions applied to the medicine, the environment and energy, the food areas			Delete Professor and Change or Delete a part of Research Theme	
Applied Chemistry and Bioengineering (Page17)	12 Drug Development Biotechnology	Tachibana, Taro	Study of drug development based on biotechnology including genome editing, development of method for generation of highly functional monoclonal antibodies, creation of biological medicine			Addition	

### •Graduate School of Medicine

Major (Page)	Department	Name	Research Theme	Class (Master Course)	Class (Doctoral Course)	Correction
Basic Medical Science Course (Page19)	Molecular Biological Science	Saitou, Chieko	Elucidation and clinical application of mechanisms to prevent liver damage and liver fibrosis by cell transplantation			Deletion
Basic Medical Science Course (Page19)	Molecular Biological Science	Yamagishi, Ryota	RNA Biology, Tumor Biology			Addition
Basic Medical Science Course (Page19)	Molecular Biological Science	Yamaguchi, Takehiro	Dormancy and latency of Mycobacterium tuberculosis			Addition
Basic Medical Science Course (Page19)	Urban Medicine	Tsubouchi, Taishi	Hunting of anti-MDR and anti-virus compounds from marine microbes and analysis of its functional mechanism			Addition
Clinical Medical Science (Page20)	Organ and Pathological Internal Medicine	Yoshimura, Naruo	Clinical oncology, development of drug treatment for lung cancer			Deletion
Clinical Medical Science (Page20)	Organ and Pathological Internal Medicine	Kamimori, Kimio	Single facility retrospective research of cardiac event rate in patients with coronary artery disease in Osaka city university hospital			Addition

Clinical Medical Science (Page20)	Diagnostics and Biological Functional Management	Kubo, Yuki	Diagnostic pathology, especially gastrointestinal pathology			Deletion
Clinical Medical Science (Page20)	Diagnostics and Biological Functional Management	Kuwae, Yuko	diagnostic pathology			Addition
Clinical Medical Science (Page20)	Diagnostics and Biological Functional Management	shinyama, Naoki	Emergency medicine, Trauma surgery			Addition
Clinical Medical Science (Page21)	Surgery	Shibutani, Masatsune	Intensive treatment and prognostic factors for colon cancer			Deletion
Clinical Medical Science (Page22)	Sensory and Motor Functional Medicine	Sugawara, Kouji	Research on the pathogenesis of alopecia areata and psoriasis, Research on the effects of endocannabinoid on skin appendages and mucosal tissue, Investigating the biology of mast cells, Research on the pathomechanism of itch			Addition
Clinical Medical Science (Page22)	Sensory and Motor Functional Medicine	Fukai, Kazuyoshi	Pigmentation disorder, molecular genetics, atopic dermatitis, inheritance of psoriasis			Deletion
Clinical Medical Science (Page22)	Sensory and Motor Functional Medicine	Hashimoto, Takashi	Development of diagnostic method and analysis of pathogenesis in autoimmune blistering skin diseases			Addition
Clinical Medical Science (Page22)	Sensory and Motor Functional Medicine	Oishi, Masahiro	multidisciplinary therapy of head and neck cancer			Addition
Clinical Medical Science (Page22)	Sensory and Motor Functional Medicine	Hatano, Takaharu	Multidisciplinary treatment for trauma and burns			Addition
Clinical Medical Science (Page22)	Medical Quality and Safety Science	Kato, Yuichi	Clinical research from the standpoint of evaluation of pharmaceuticals and food efficacy, research support for clinical research			Deletion
Clinical Medical Science (Page22)	Medical Quality and Safety Science	Kusakabe, Tetsuya	Drug and Food Evaluation, Pharmaceutical Administration, Regulatory Science, Medical Innovation			Addition

•Graduate School for Creative Cities

Major (Page)	Study Field	Name	Research Theme	Class (Master Course)	Class (Doctoral Course)	Correction
Creative Cities (Page28)	Urban Policy	Yoshida, Takayuki	Research on urban cultural policy, cultural resources, and art project	Creative Cities Urban Cultural Policy	Urban Policy Special Lecture I, II (Urban Economy and Regional Policy) (Konagaya/Fujitsuka/Matsunaga/Tatewaki)	Addition
Creative Cities (Page28)	Urban Policy	Nagata, Jyunko	Administrative management	Urban Public Policy Project Research I	Urban Policy Special Lecture II (Urban Public Policy) (Kodama/Hisasue//Goishi/Mizukami)	Deletion
Creative Cities (Page28)	Entrepreneurship	Tamane, Ozeki	Entrepreneurship, innovation and strategic partnership	Business Models Innovation Management	Entrepreneurship Special Lecture (Entrepreneurship Strategy Systems) (Ozawa, Ozeki)	Addition
Creative Cities (Page28)	Co-existing Society Creation	Kashiwagi, Hiroshi	Comparative research on Japanese NPOs, management of NPOs, social policy in the USA, etc.	Co-existing Society Creation Special Lecture I (Co-existing Society Creation Research Methodology) (Akuzawa/Hirota/Shingae)	Co-existing Society Creation Special Lecture II (Co-existing Society Creation Research Methodology) (Akuzawa/Hirota/Shingae)	Deletion
Creative Cities (Page28)	Co-existing Society Creation	Furukubo, Sakura	Modern female history of Japan, gender and sexuality	Co-existing Society Gender Culture	Co-existing Society Creation Special Lecture I, II (Co-existing Society Creation Research Methodology) (Akuzawa/Hirota/Shingae)	Addition
Creative Cities (Page28)	Urban Information Environment	Onishi, Katsumi	Research on effective use of computer networks	Distributed Computing Infrastructure Network Systems	Urban Environmental Information Special Lecture I, II (Ishibashi/Nagata/Onishi et al.)	Addition
Creative Cities (Page28)	Urban Information Environment	Nagata, Yoshikatsu	Regional study in North-eastern Thailand using geoinformatics system	Area Informatics Design and Implementation of Information Systems I, II	Urban Environmental Information Special Lecture I, II (Ishibashi/Nagata/Onishi et al.)	Addition