

Graduate School of Economics, Waseda University
2017 Doctoral Course seminar list

◆ Doctor Program: Economics Major

Course	Research Area	Research Subject	Supervisor		Language Japanese(J)/English(E)		Code
Economics Course	Economic Theory	Theoretical Economics		Associate Prof. ARAKI, Kazunori	J	E	1Y3
				Prof. UEDA, Kozo	J	E	1Yc
				Prof. OGINUMA, Takashi	J	E	1Y2
				Prof. KASAMATSU, Manabu	J	E	1Y5
				Prof. KANEKO, Mamoru	J	E	1Yb
			○	Prof. KAWAMURA Kohei	J	E	1Ye
			○	Associate Prof. KVASOV, Dmitriy	—	E	1Yf
				Prof. SASAKURA, Kazuyuki	J	E	1Y6
			※	Associate Prof. TANAKA, Hisatoshi	J	E	1Y4
				Prof. NAGATA, Ryo	J	E	1Y1
		Mathematical Economics		Prof. FUNAKI, Yukihiko	J	E	1Y8
		Experimental Economics		Associate Prof. VESZTEG, Robert Ferenc	—	E	1Yd
		History of Economics	※	Prof. WAKATABE, Masazumi	J	E	1Ya
	Statistics and Econometrics	Econometrics		Prof. KONDO, Yasushi	J	E	2Y2
		Statistics		Prof. SAIGO, Hiroshi	J	E	2Y3
		Economic Statistics		Prof. NOGUCHI, Kazuya	J	—	2Y4
		Quantitative Economic Policy		Prof. UEDA, Atsuko	J	E	2Y6
		Industrial Ecology		Prof. NAKAMURA, Shinichiro	J	E	2Y1
		Statistical Finance		Associate Prof. TAMAKI, Kenichiro	J	E	2Y7
		Finance		Prof. YAMAMOTO, Ryuichi	J	E	2Y8
		Applied Macroeconometrics		Prof. BAAK, Saang Joon	J	E	2Y9
		Economic History	Economic History of Europe	※			
	Economic History of Japan			Prof. KAWAGUCHI, Hiroshi	J	—	3Y3
	Japanese Economy in the Modern World			Prof. SHIEZUME, Masato	J	E	3Y4
	Economic History of Asia			Prof. MOTONO, Eiichi	J	E	3Y5
	Economic Policy	Theoretical Economic Policy		Prof. MATSUMOTO, Yasumi (Scheduled to retire in March 2018)	J	E	4Y2
		Industrial Organization Economics		Prof. HORIUCHI, Toshihiro (Scheduled to retire in March 2019)	J	—	4Y3
		Agricultural Economics		Associate Prof. SHIMOKAWA, Satoru	J	E	4Ya
		Money and Banking	△	Prof. OGURA, Yoshiaki	J	E	4Y6
				Associate Prof. TOMURA, Hajime			
		Methodology for Political Economy		Prof. SHIMIZU, Kazumi	J	E	4Y7
		Applied Macroeconomics and Finance		Associate Prof. KOEDA, Junko	J	E	4Y8
	Public Policy	Social Policy		Prof. SHIRAKI, Mitsuhide	J	E	5Y1
		Social Security	※				
		Labor Economics		Prof. MURAKAMI, Yukiko	J	E	5Y3
		Public Economics		Prof. SUGA, Koichi	J	E	5Y4
		Public Finance	※	Prof. USHIMARU, Satoshi	J	—	5Y5
				Prof. BABA, Yoshihisa (Scheduled to retire in March 2019)	J	—	5Y6

		Environmental Economics		Prof. ARIMURA, Toshihide	J	E	5Y7
		Public Policy	※	Prof. FUKUSHIMA, Yoshihiko	J	E	5Y8
		Health Economics		Prof. NOGUCHI, Haruko	J	E	5Y9
		Political Economy		Associate Prof. ASAKO, Yasushi	J	E	5Ya
	International Economy	International Economics	※	Associate Prof. KANEKO, Akihiko	J	E	6Y6
			※	Prof. NAITO, Takumi	J	E	6Y3
		Development Economics		Prof. FUKAGAWA, Yukiko	J	—	6Y4
		Asian Economy		Prof. TODO, Yasuyuki	J	E	6Y7
Global Political Economy	※	Prof. KONISHI, Hideki	J	E	6Y5		
Global Political Economy Course	International Economics	※	Associate Prof. KANEKO, Akihiko	J	E	6E6	
		※	Prof. NAITO, Takumi	J	E	6E3	
	Development Economics		Prof. FUKAGAWA, Yukiko	J	—	6E4	
	Asian Economy		Prof. TODO, Yasuyuki	J	E	6E7	
	Global Political Economy	※	Prof. KONISHI, Hideki	J	E	6E5	
	Quantitative Economic Policy		Prof. UEDA, Atsuko	J	E	2E6	
	Theoretical Economic Policy		Prof. MATSUMOTO, Yasumi (Scheduled to retire in March 2018)	J	E	4E2	
	Agricultural Economics		Associate Prof. SHIMOKAWA, Satoru	J	E	4Ea	
	Methodology for Political Economy		Prof. SHIMIZU, Kazumi	J	E	4E7	
	Public Economics		Prof. SUGA, Koichi	J	E	5E4	
	Environmental Economics		Prof. ARIMURA, Toshihide	J	E	5E7	
	Public Policy	※	Prof. FUKUSHIMA, Yoshihiko	J	E	5E8	
	Political Economy		Associate Prof. ASAKO, Yasushi	J	E	5Ea	

* It may be that the seminar, the subjects and the supervisor will change.

* The supervisor, who is marked "○" at the list below, will be charged in 2017

* The supervisor, who is marked "△" at the list below, will recruit the students, only for April 2017.

* The supervisor, who is marked "□" at the list below, will recruit the students for September 2017.

* The supervisor, who is marked "※" at the list below, will not recruit the students in 2017

* The supervisor who provides instruction in English has an "E" written in their language column. There may be a chance that your research supervisor does not offer instruction in English, so please confirm this point before submitting your application.

Introduction of Doctoral Course Supervisor

[Economics Course]

Subject of Research	Economic Theory - Evolutionary Dynamics and its Applications to Economics	Supervisor	Associate Prof. ARAKI, Kazunori
Instruction	<p>While economic theory saw significant progress during the last century, it still faces many challenges. In particular, its explanatory power is attenuated by the existence of multiple equilibria, and even some of the most widely accepted theories continue to fail empirical tests.</p> <p>Among the approaches that show most promise of overcoming these difficulties, I believe the “evolutionary approach” to be the most effective and to have the greatest potential. This approach tries to explain human behavior (including economic decision-making) through the concepts of “nature” and “nurture.” In other words, both biological evolution and learning from the environment play major roles.</p> <p>A number of important questions command our attention, among them:</p> <ul style="list-style-type: none">● Why do we behave “as if” we have our own “utility function” with a particular functional form?● Why does the expected utility theory often fare so badly in experimental settings?● Why is the time inconsistency in preference so robust? <p>To conduct original research in this field, a solid foundation is required. Microeconomic theory at an advanced level and the mathematics that goes with it are absolutely essential.</p>		

Subject of Research	Economic Theory -Macroeconomic Theory and Practice-	Supervisor	Prof. UEDA, Kozo
			DPhil (Oxford)
Instruction	This course concerns macroeconomic theory and practice. Students tackle a number of questions regarding the macro economy, from a positive side (e.g., why has Japan faced with the prolonged recession?) to a normative side (e.g., what should the government do to recover the Japanese economy?). To this end, students study (1) a workhorse macroeconomic model, a DSGE (dynamic stochastic general equilibrium) model, and (2) current economic situations and problems.		
	To take this course, first and foremost, students must have strong motivations and curiosities. In addition, students are required to have sufficient understandings on mathematics and statistics, while knowledge on undergraduate macroeconomics does not matter much.		

Subject of Research	Theoretical Economics - Economics of Uncertainty and Game Theory	Supervisor	Prof. OGINUMA, Takashi
Instruction	This research seminar treats both individual choice and game theory. Participants are supposed to study and explain the works in their research fields periodically. Also they must present original works to write their research papers. Prerequisite: Basics of microeconomics, game theory and mathematics are required.		

Subject of Research	Theoretical Economics	Supervisor	Prof. KASAMATSU, Manabu
Instruction	Students who are interested in the theory of value and distribution are welcome. In this supervision, you are understood to have sufficient knowledge on the theory of Post-keynesian economics or like, and required to read some materials and write an essay on the theme suggested by the supervisor every week.		
	I believe that the discussion with the other fellow students is also very helpful to complete your Ph.D thesis, and your positive participation is highly desired.		

Subject of Research	Theoretical Economics -Inductive Game Theory and Epistemic Logic-	Supervisor	Prof. KANEKO Mamoru
			Dr. of Science
Instruction	Students may work on inductive game theory and/or epistemic logic. For this aim, I will instruct students to study abstract mathematics, game theory, and some concrete economic problems such as the theory of housing markets and its applications. Those are not only related to inductive game theory and epistemic logic, but also help students to understand those subjects conceptually. For example, the notion of “perfect competition” is opposite to the objects epistemic logic targets, but they help students to understand both worlds. If students have larger capacities, they may study “social justice”.		

Subject of Research	Theoretical Economics – Economics of Information, Finance, and Politics - Macroeconomic Theory	Supervisor	Dr. Prof. KAWANABARA, Kiyotaki (The Pennsylvania State University)
Instruction	Under this instruction, students are expected to make a doctoral dissertation on general equilibrium and macroeconomic theory, particularly dynamic theory, such as business cycle theory and economic growth theory, is studied. (Empirical analysis is not a main theme). Theoretical macro models studied include the traditional or New Keynesian model and the neoclassical models of optimal growth and overlapping generations. Mathematical theories used include nonlinear theory, microeconomic theory and game theory, and (equally importantly) a keen interest in analysing issues in society. In order to understand modern macroeconomic theory, applicants are required to have some knowledge of statistics and econometrics, too.	Supervisor	Ph.D. (Economics) (University of Wisconsin - Madison)
			Associate Prof. TANAKA, Hisatoshi
Subject of Research	Theoretical Economics	Supervisor	Ph.D. (Economics) (University of Wisconsin - Madison)
Instruction	*No recruit in 2017. In this course, students are required to develop new mathematical or statistical tools to study economics. Participants are expected to have a sufficient knowledge of mathematics and asymptotic statistics, and broad research interests in economics.		

Subject of Research	Theoretical Economics - Issues of Microeconomic Theory -	Supervisor	Prof. NAGATA, Ryo
			Doctor of Economics, Waseda University Kyoto University
Instruction	Students are supervised to make a doctoral dissertation the theme of which should be concerned with the general equilibrium theory. Students are also required to have been prepared intellectually enough to start constructing a dissertation.		

Subject of Research	Mathematical Economics - Advanced Game Theory -	Supervisor	Prof. FUNAKI, Yukihiko
			Ph. D. Tokyo Institute of Technology
Instruction	The aim of participants in this lecture is to obtain original results related to Game Theory and to have publications in international journals. It also means to finish Ph.D. thesis based on these results. It is assumed that the participants should have the exact knowledge of basic mathematics, Microeconomic Theory as well as Game Theory.		

Subject of Research	Experimental Economics	Supervisor	Associate Prof. VESZTEG, Robert Ferenc
			Ph.D.(Universitat Autonoma de

			Barcelona)
Instruction	<p>Seminar A (Spring semester) focuses on methodological issues rather than experimental results.</p> <p>During the first half of the semester, we are going to discuss the basic principles of designing and carrying out economics experiments. This part relies on Friedman and Cassar (2004) and includes practical topics related to data collection (experimental design, writing instructions, programming in zTree, running the experiment) and data analysis (review of the most popular statistical techniques and the use of statistical software). The second half of the semester is dedicated to critical reflection on the methodology of Experimental Economics. We are going to read selected chapters from Bardsley et al. (2009) and discuss the internal and external validity of experimental results, the importance of monetary incentives in experimental economics, and how to test economic theory in the experimental laboratory.</p> <p>Seminar B (Fall semester) focuses on experimental results rather than methodological issues.</p> <p>Students are required to register with some specific research questions in mind and are going to work in groups (or alone if preferred). The first half of the semester is dedicated to the revision of the theoretical and experimental literature related to the chosen research questions. The second half of the semester is dedicated to the design of experiments that are suitable to deliver an answer to the chosen research questions.</p>		

Subject of Research	History of Economics	Supervisor	Prof. WAKATABE, Masazumi
Instruction	<p>*No recruit in 2017.</p> <p>The primary aim of this course is to supervise students to write and complete scholarly Ph.D. thesis. The theme of the thesis will be decided by students with consultation of the supervisor. I am currently interested in the interactions between economic policy and the history of economic thought. From a choice theoretic perspective, economic policy also is chosen within a particular informational set. The history of economic thought would teach us the exact content and context of the informational set which policymakers face. Those who wish to have my supervision should display such skills as a satisfactory understanding of basic economic principles, sufficient ability to read the materials, and ability to present the research result in both written and verbal manner.</p>		

Subject of Research	Econometrics	Supervisor	Prof. KONDO, Yasushi
			Ph.D. in Economics University of Tsukuba
Instruction	<p>The main subject of this class is applied micro-econometrics including input-output analysis while econometric theory lies within the scope of our research interest. The class gives students opportunities to present and discuss ongoing research, and to learn advanced econometric methods if necessary.</p>		

Subject of Research	Statistics	Supervisor	Prof. SAIGO, Hiroshi
Instruction	<p>Main topics of this course are survey statistics and statistical methods for handling incomplete data. Among specific themes are sampling designs, resampling methods, and small area estimation. The instructor's research interests are in resampling methods for surveys and missing data analysis. If they are interested in applied work, students are advised to find other supervisors.</p>		

Subject of Research	Economic Statistics	Supervisor	Prof. NOGUCHI, Kazuya

Instruction	*No recruit in 2017. We will study the statistical methods for your thema, and the way of computing.		
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Subject of Research	Quantitative Economic Policy — Empirical Analysis on Household Behavior—	Supervisor	Prof. UEDA, Atsuko
			Ph.D. (Economics) (University of Wisconsin - Madison)
Instruction	I advise research of empirical analyses related to the household behavior using micro data or panel data (but not time-series data). Advisees are required to have knowledge of the selected research field and also econometrics (at least intermediate levels in graduate courses), to be able to understand empirical papers in English, and to have good commands on computer software for analyses. Advisees are demanded to actively participate in research seminars and conferences, and writing academic papers in English for international refereed journals for seeking academic career.		

Subject of Research	Quantitative and mathematical methods of Industrial Ecology	Supervisor	Prof. NAKAMURA, Shinichiro
			Dr. rer. pol University of Bonn, Germany
Instruction	Industrial Ecology (IE) is concerned with the investigation of the interdependence between economy and environment, in particular, the quantitative evaluation of the environmental effects of the economic activity. Critical to this are operational but yet realistic mathematical models that are capable of representing the economy-environment relationship. Recently, environmentally extended input-output models (EEIO) have become widely acknowledged as such a model. Nakamura has made original contribution to this development by creating the WIO (Waste IO) model. This course is aimed at making the students familiar with the latest developments in the field of IE and EEIO, and help conducting research toward competitive PhD thesis.		

Subject of Research	Statistical Finance	Supervisor	Associate Prof. TAMAKI, Kenichiro
			Doctor of Science, Waseda University
Instruction	We study statistical asymptotic theory and its applications to analysis of financial time series. The aim of students is to obtain original results and submit them to journals. A knowledge of mathematics and statistics is prerequisite for this course. Students are expected to participate and present their works in academic societies and meetings.		

Subject of Research	Finance seminar for PhD students	Supervisor	Prof. YAMAMOTO, Ryuichi
			Ph.D. (Brandeis University)
Instruction	Finance is the study of mechanisms on asset transactions, risk management, and investment decisions. While students can pick any research topics, which interest them, for their PhD theses, they are expected to choose topics related to theoretical or empirical research in finance, in particular, research on market microstructure or behavioral finance. Students will learn how to find research topics, write papers, and make effective presentations.		

Subject of Research	Applied Macroeconometrics	Supervisor	Prof. BAAK, Saang Joon
			Ph.D in Economics Univ. of Wisconsin-Madison
Instruction	The purpose of this class is to learn how to analyze economic data using advanced time-series econometrics to explore various economic issues. The current research topics of the instructor are the followings: (1) Expectation formation functions and market dynamics; (2) Measuring misalignment in exchange rates; (3) Impact of exchange rates on trade and investment. In addition, the instructor often analyzes the data of East Asian economies. Applicants for this class should have a strong background in quantitative analysis, and should be able to use at least one of the following soft-wares: Matlab, Gauss, Rats, Eviews, Stata, JMulti, R. Both English and Japanese can be used for individual instructions depending on the needs of students. However, a thesis should be written in English.		

Subject of Research	Economic History of Japan	Supervisor	Prof. KAWAGUCHI, Hiroshi
Instruction	*No recruit in 2017. This course gives research guidance on economy and economic thought in 17-19th century Japan. The member of this seminar can select a study theme from various problems concerning Japanese economic history and the history of Japanese economic thought. Advanced knowledge and ability to understand historical materials are necessary.		

Subject of Research	Economic History of Japan	Supervisor	Prof. SHIZUME Masato
			Doctor of Economics (Kobe University)
Instruction	In this course, students will engage in empirical research and writing about topics related to the modern Japanese economy. They will develop and expand upon the fruits of their research at the master’s degree level. Students are expected to participate in scholarly symposia and to read previous studies in related fields thoroughly, and in doing so, to find the scholarly frontier. While employing the appropriate research methods corresponding to their problems, students are expected to publish their findings in both Japanese-language and English-language academic journals.		

Subject of Research	Economic History of Asia	Supervisor	Prof. MOTONO, Eiichi
			D.Phil University of Oxford
Instruction	<p>This class aims to learn how to use reference works, to analyze historical documents critically, and to master what is the historical thinking, reading historical documents written in Chinese and English languages concerning Anglo-Chinese economic relationship. The texts of this class are British Foreign Office consular archives (FO228), confidential prints (FO881), Law reports of Anglo-Chinese civil cases in <i>the North-China Herald</i>, and Chinese newspaper articles in <i>Shenbao</i> [『申報』], which are all quoted in my English monograph (<i>Conflicts and Cooperation in Sino-British Business: The Impact of the Pro-British Commercial Network</i> [Palgrave/Macmillan, 2000]), and my Japanese monograph (『伝統中国商業秩序の崩壊—不平等条約体制と「英語を話す中国人」—』(名古屋大学出版会, 二〇〇四年) Students are recommended to buy monograph in advance. This class is a joint-class with undergraduate students, each student should read text archives at every time without deciding where to read in advance as a discipline of this class.</p> <p>Besides this, Japanese, English, and Chinese articles and monographs concerning Chinese socio-economic history are read as sub-texts. I hope you make your own research activity.</p>		

Subject of Research	Theoretical Economic Policy - Study on the Theoretical Consistency for Economic Policy -	Supervisor	Prof. MATSUMOTO, Yasumi
			D.Phil University of Oxford
Instruction	The first subject of this course is, as a prerequisite of economic policy, to examine mathematical and logical consistency between the modern economic theory based on micro economics and collective choice theory. The second subject is to ask participants to present creative ideas and to give a proof of a new theorem by using the ideas. The participants are strongly required enough ability on English and mathematics as well as deep understanding of economic theory. No application is discussed at all in this course. The lecture is given in English only.		

Subject of Research	Industrial Organization Economics	Supervisor	Prof. HORIUCHI, Toshihiro
Instruction	*No recruit in 2017.		
	The research purpose is to write PhD thesis on the industrial organization with an emphasis upon the empirical aspects of Japanese industries, that have been making many structural changes recently. The industrial organization is one of the applied fields of the micro economics and it needs some mathematical skills but students will be required enough empirical knowledge and industry related institutional backgrounds. Through both the theoretical training and realistic knowledge students with enough Japanese language skill should be able to succeed in writing good papers by themselves, accompanied with tutorial instruction.		

Subject of Research	Agricultural Economics	Supervisor	Associate Prof. SHIMOKAWA, Satoru
			Ph.D. in Applied Economics (Cornell University)
Instruction	This course focuses on microeconomic and statistical analysis of food-, health- and poverty-related issues in both developed and developing economies. In a seminar, students will take turns to present an academic paper published in top journals. Students will also need to present their own research. Students are expected to have the master-level knowledge of Microeconomics and Econometrics. Also, excellent communication skills in written and spoken English are essential.		

Subject of Research	Money and Banking	Supervisor	Prof. OGURA, Yoshiaki
			Ph.D. in Economics, Columbia University
Instruction	*Recruit the Students only for April 2017. This course is a tutorial course for doctoral students who plan to write a doctor thesis about financial contracts or financial intermediation. It is required to write one paper per year that reasonably deserves submission to an international refereed academic journal. The master's level of the knowledge on finance, the economics of information, and econometrics is the minimal requirement for taking this tutorial course.		

Subject of Research	Money and Banking	Supervisor	Associate Prof. TOMURA, Hajime
			Ph.D. in Economics The London School of Economics and Political Science
Instruction	Students may work on microeconomic models on financial markets based on Financial contract theory and the economics of information, or macroeconomic models with financial frictions. Students are required to well understand microeconomics and macroeconomics at the first-year graduate level. Especially, it is necessary to fully understand the economics of information and game theory at the level of Mas-Colell, Whinston, and Green (1995, Ch.7-Ch.14). For macroeconomic theory, students must have basic knowledge on linear algebra and dynamic programming. See Ljungqvist and Sargent (2012) for an example of these subjects. Also, see Stokey and Locas (1989) for a more detailed explanation of dynamic programming. References: - Andreu Mas-Colell, Michael D. Whinston, and Jerry R. Green, 1995, Microeconomic Theory, Oxford Univ Press. - Ljungqvist, Lars, and Thomas J. Sargent, 2012, Recursive Macroeconomic Theory, third edition, MIT Press. Stokey, Nancy L., and Robert E. Lucas, Jr., 1989, Recursive Methods in Economic Dynamics, Harvard University Press.		

Subject of Research	Methodology for Political Economy	Supervisor	Prof. SHIMIZU, Kazumi
			Doctrat de Théorie Economique Université de Grenoble II
Instruction	Traditionally, economics has assumed that the economic subjects were “rational” and “independent”: “homo economicus”. However, a trend has gained momentum in recent years, in which both mainstream and anti-mainstream are interested in ruling out the assumption of “homo economicus”. Along these lines, our actual research has two objectives: <div><div>1.</div>Analyze moral sentiments like “fairness” as one of the basic incentives of human economic behaviors.</div> <div><div>2.</div>Coordinate deductive research of “norms”, like social choice theories, with its inductive studies, like social survey and experiment.</div>		

Subject of Research	Seminar on Applied Macroeconomics and Finance	Supervisor	Associate Prof. KOEDA, Junko
			Ph.D. (Economics) (California University)
Instruction	In this seminar, participants will empirically examine their questions of interest in macroeconomics and finance, and are expected to make contributions to the existing academic literature. The participants will (i) obtain early feedback from the supervisor on their preliminary thesis work and (ii) read selected papers to build academic background knowledge. The master's level of knowledge in (i) macroeconomics or finance or both and (ii) econometrics is required.		

Subject of Research	Social Policy	Supervisor	Prof. SHIRAKI, Mitsuhide
			Doctor of Economics, Waseda University
Instruction	Though there could be a variety of objects and approaches to study in the wide field of social policy, my main study focus is centered on the analysis of actual conditions and policies of human resource development and management in the modern enterprises. Specifically, I have been conducting international comparisons of human resource development and management systems and policies of multinational corporations. My main field of study is in the Asian region. My research motto is keeping “the foot-light research style”.		
	I cordially welcome those doctoral dissertation writers who have strong and passionate concerns for actual labor market problems, labor policy, human resource development and management in enterprises, or Asian matters.		

Subject of Research	Labor Economics	Supervisor	Prof. MURAKAMI, Yukiko
			Doctor of Economics, Waseda University
Instruction	This course covers research subjects in economics related to “human resources” and “labor”. Students are required to theoretically and/or empirically research and consider policies and systems on a topic pertaining to the development and allocation of human resources, the enhancement of workers’ utility, solving actual labor problems occurring in the workplace, or the utilization of human resources for innovation and economic development. The following are examples of research subjects, but other areas and new analytical viewpoints which match the above-mentioned overall research subjects are welcome.		
	<ul style="list-style-type: none">● Education, human resource development, career development (including school education, in-house education and training, and public job training)● Worker mobility (international migration, regional migration, turnover, promotion, personnel relocation, etc.)● Information in the labor market, matching of workers with potential employers● Wage, income distribution● Allocation of time resources● Innovation research from the viewpoint of human resources <p>Participants should find a creative research topic, study research previously carried out on the chosen topic, develop the research using reliable methods, and complete a doctoral thesis, the finding of which should be of such a quality that is worthy of being shared internationally.</p>		

Subject of Research	Public Economics	Supervisor	Prof. SUGA, Koichi
			Doctor of Economics, Hitotsubashi University
Instruction	<p>The purpose of this course is to enhance the research ability of students in order to get Ph.D. when they finish the three-year doctor program. I will assign tasks to examine papers analytically and rigorously which are related to their own subject in the field of public economics, and force them to acquire the skills to pursue his researches and to write papers. The students are expected to accomplish one or two papers in a year. For the future study fundamental knowledge about various fields of public economics and public policy must be required. Hence the students have an obligation to make exercises on the basic advanced textbooks.</p> <p>Bibliography : D. Austen-Smith and J. S. Banks, <i>Positive Political Theory</i> I, II, Michigan UP, 1999, 2005.</p> <p>K. J. Arrow, A. Sen and K. Suzumura eds., <i>Handbook of Social Choice and Welfare</i>, Vol. 1 and 2, North-Holland, 2002, 2011.</p> <p>H. J. Moulin, <i>Fair Division and Collective Welfare</i>, MIT Press, 2003.</p> <p>A. Sen, <i>The Idea of Justice</i>, Belknap Press of Harvard University Press, 2009.</p>		

Subject of Research	Public Finance - Social Security, Taxes, Local Government Finance -	Supervisor	Prof. USHIMARU, Satoshi
			Doctor of Economics (University of Tokyo)
Instruction	*No recruit in 2017. The aim of this course is to study Public Finance. Public Finance involves various topics, for instance, taxes, national debt, government expenditure, social security, local government finance, etc. Among them I am especially interested in the social security system. A student who wishes to study Public Finance in Doctoral Program is required to learn a sufficient knowledge of micro-economics, macro-economics, public economics, etc. In addition, a strong desire to study is demanded.		

Subject of Research	Public Finance	Supervisor	Prof. BABA, Yoshihisa
Instruction	<p>*No recruit in 2017.</p> <p>The subject of this course includes all topics of public finance though I am chiefly interested in tax theory and tax systems. Students are required to clarify their theme and how to research it in advance. Students are also required to have mastered micro and macro economics as well as adequate knowledge of fiscal systems because modern public finance is largely based on economic theories.</p>		

Subject of Research	Environmental Economics	Supervisor	Prof. ARIMURA, Toshihide
Instruction	<p>Students are expected to conduct research in environmental economics with an approach of applied econometrics. The knowledge of graduate level of econometrics and microeconomics are required. The focus will be on empirical research with micro data. The computer skill and knowledge in statistical software will be required.</p>		

Subject of Research	Public Policy	Supervisor	Prof. FUKUSHIMA, Yoshihiko
Instruction	<p>*No recruit in 2017.</p> <p>This course supports students who are going to write a doctoral thesis theoretically and/or empirically on the subject of “Labour Economics” in a broad sense. Namely, it includes such topics as “employment”, “unemployment”, “human capital”, “wage”, “education”, “training”, “discrimination”, “labour union”, “job change/turnover”, “family/home production”, “well-being” etc. The title of the course is “Public Policy”, but the course focuses on policies and institutions mainly related to “labour” and “labour market”. It's desirable that the thesis deals with some policies and/or institutions that may improve social welfare. Many research materials such as articles and textbooks are in English. Therefore, in addition to knowledge about economics and mathematics, the course requires that students can read and write English.</p> <p>Students who have a strong will for pursuit of truth regarding labour and labour market are very much welcomed</p>		

Subject of Research	Economics of Health and Health Care	Supervisor	Prof. NOGUCHI, Haruko
Instruction	<p>Lately, medical and long-term care claims data as well as some excellent panel-setting surveys focusing on people's health and health care had been conducting for the last couple of decades. This course would give you a guideline how we can apply these micro-based data to health and health care-related policy issues and what kind of econometric tools are applicable. Using Wooldridge JM (2010) “Econometric Analysis of Cross Section and Panel Data (2nd Ed)” MIT Press as a main textbook, we will review previous empirical literatures in the class and consider thoroughly what kind of policy research would be necessary for health and health care policy issues faced by current Japanese government.</p>		

Subject of Research	Political Economy	Supervisor	Associate Prof. ASAKO, Yasushi
			Ph.D. (Economics) (University of Wisconsin-Madison)
Instruction	This course is for students who plan to write a doctor thesis related to public choice, political economics, or formal model theory in political science, that is, the theoretical analyses on policy making procedures of the government. Students who are interested in the theoretical analysis on international relations can also take this course. This course is mainly use game theoretical analyses, so if you plan to use only empirical analysis, case studies, and historical studies, you should <u>not</u> take this course. Prerequisites for the students are game theory and microeconomics at graduate level. We mainly discuss about the progress reports of the students' research and surveys in class.		

Subject of Research	International Economics	Supervisor	Associate Prof. KANEKO, Akihiko
			Ph.D. in Economics (Osaka University)
Instruction	*No recruit in 2017. In this lecture, students are supervised to write original articles related to international macroeconomics or monetary economics based on dynamic theory. Students who have completed their master theses with high quality and who have their own research themes are welcomed.		

Subject of Research	International Economics	Supervisor	Prof. NAITO, Takumi
			Ph.D. in Economics (Osaka University)
Instruction	*No recruit in 2017. Applicants are allowed to have this research guidance (international trade theory) <u>ONLY IF</u> the supervisor is convinced that their M.A. thesis is publishable in international refereed journals (roughly better than Japanese Economic Review). Students are trained to submit their first paper to a journal, and to write another few papers constituting their Ph.D. dissertation. This research guidance is <u>NOT</u> for students doing empirical analysis of international trade, country/industry case study, trading business, international finance/macroecconomics, and so on. Applicants are <u>REQUIRED</u> to read < http://www.f.waseda.jp/tnaito/forapplicants.html >.		

Subject of Research	Development Economics	Supervisor	Prof. FUKAGAWA, Yukiko
Instruction	*No recruit in 2017. This course aims to study the relations between institutions and economic development, mainly through the experience of East Asian economies. Specifically, responses against various external shocks such as trade and FDI liberalization, industrial changes, financial modernization, social safety-nets are focused. Students are expected to read theoretical and empirical studies on institutions intensively, to discuss how the changes contribute to the policy goals, including proper sequences and good governance. Besides basic level of development economics and English skills, basic East Asian language skills are encouraged for documents surveys and raw data, in addition to interests on Japan's experience such as modern Japanese economic history.		

Subject of Research	Asian Economy — Development Economics, International Economics, Japanese Economy, Applied Econometrics—	Supervisor	Prof. TODO, Yasuyuki
			Ph.D. (Stanford University)
Instruction	The purpose of this course is to foster global leaders through quantitative research (its planning, field works, data collection, quantitative analysis, thesis writing, and oral presentations). English is the official language in this course, and students make presentations on their own research and related literature. The instructor's research topics include empirical analysis on impacts of economic and social networks on economic growth and development, impacts of trade and foreign direct investment on firm productivity and employment, and impact evaluation of foreign aid projects. Research topics of doctoral students should be related to these topics, and doctoral students are encouraged to participate in the instructor's research projects. Econometrics at the graduate level and English for reading, writing, and speaking are required. Please refer to the instructor's website at http://www.f.waseda.jp/yastodo/en/index.html .		

Subject of Research	Global Political Economy	Supervisor	Prof. KONISHI, Hideki
			Doctor of Economics (University of Tokyo)
Instruction	*No recruit in 2017. This course deals with "New Political Economy" or "Political Economics," which analyzes the mechanisms of policy determination, their consequences, and the construction of desirable political institutions, using public economic, game theory, and public choice theory as analytical tools. Note that the topics taken in this course are not necessarily related to "global" or "international" issues, in spite of the title being named "global." Prerequisites for the students are (1) microeconomic theory, (2) non-cooperative game theory, and (3) econometrics, at graduate level. More concretely, they are required to have already learned microeconomic theory at the level of MasColell (et al.) 's or Varian's textbook, and non-cooperative game theory at the level of MasColell (et al.) 's or Gibbons' textbook.		

[Global Political Economy Course]

Subject of Research	International Economics	Supervisor	Associate Prof. KANEKO, Akihiko
			Ph.D. in Economics (Osaka University)
Instruction	*No recruit in 2017. In this lecture, students are supervised to write original articles related to international macroeconomics or monetary economics based on dynamic theory. Students who have completed their master theses with high quality and who have their own research themes are welcomed.		

Subject of Research	International Economics	Supervisor	Prof. NAITO, Takumi
			Ph.D. in Economics (Osaka University)
Instruction	*No recruit in 2017. Applicants are allowed to have this research guidance (international trade theory) <u>ONLY IF</u> the supervisor is convinced that their M.A. thesis is publishable in international refereed journals (roughly better than Japanese Economic Review). Students are trained to submit their first paper to a journal, and to write another few papers constituting their Ph.D. dissertation. This research guidance is <u>NOT</u> for students doing empirical analysis of international trade, country/industry case study, trading business, international finance/macroeconomics, and so on. Applicants are <u>REQUIRED</u> to read < http://www.f.waseda.jp/tnaito/forapplicants.html >.		

Subject of Research	Development Economics	Supervisor	Prof. FUKAGAWA, Yukiko
Instruction	*No recruit in 2017. This course aims to study the relations between institutions and economic development, mainly through the experience of East Asian economies. Specifically, responses against various external shocks such as trade and FDI liberalization, industrial changes, financial modernization, social safety-nets are focused. Students are expected to read theoretical and empirical studies on institutions intensively, to discuss how the changes contribute to the policy goals, including proper sequences and good governance. Besides basic level of development economics and English skills, basic East Asian language skills are encouraged for documents surveys and raw data, in addition to interests on Japan's experience such as modern Japanese economic history.		

Subject of Research	Asian Economy — Development Economics, International Economics, Japanese Economy, Applied Econometrics—	Supervisor	Prof. TODO, Yasuyuki
			Ph.D. (Stanford University)
Instruction	The purpose of this course is to foster global leaders through quantitative research (its planning, field works, data collection, quantitative analysis, thesis writing, and oral presentations). English is the official language in this course, and students make presentations on their own research and related literature. The instructor's research topics include empirical analysis on impacts of economic and social networks on economic growth and development, impacts of trade and foreign direct investment on firm productivity and employment, and impact evaluation of foreign aid projects. Research topics of doctoral students should be related to these topics, and doctoral students are encouraged to participate in the instructor's research projects. Econometrics at the graduate level and English for reading, writing, and speaking are required. Please refer to the instructor's website at http://www.f.waseda.jp/yastodo/en/index.html .		

Subject of Research	Global Political Economy	Supervisor	Prof. KONISHI, Hideki
			Doctor of Economics (University of Tokyo)
Instruction	<p>*No recruit in 2017.</p> <p>This course deals with "New Political Economy" or "Political Economics," which analyzes the mechanisms of policy determination, their consequences, and the construction of desirable political institutions, using public economic, game theory, and public choice theory as analytical tools. Note that the topics taken in this course are not necessarily related to "global" or "international" issues, in spite of the title being named "global." Prerequisites for the students are (1) microeconomic theory, (2) non-cooperative game theory, and (3) econometrics, at graduate level. More concretely, they are required to have already learned microeconomic theory at the level of MasColell (et al.) 's or Varian's textbook, and non-cooperative game theory at the level of MasColell (et al.) 's or Gibbons' textbook.</p>		

Subject of Research	Quantitative Economic Policy -Empirical Analysis on Household Behavior-	Supervisor	Prof. UEDA, Atsuko
			Ph.D. (Economics) (University of Wisconsin - Madison)
Instruction	I advise research of empirical analyses related to the household behavior using micro data or panel data (but not time-series data). For the purpose of empirical analyses, advisees are required to have knowledge of econometrics (at least intermediate levels in graduate courses), to be able to read empirical papers in English, and to have skills of computer programming using statistical language(s) to conduct simulation and estimation.		

Subject of Research	Theoretical Economic Policy - Study on the Theoretical Consistency for Economic Policy -	Supervisor	Prof. MATSUMOTO, Yasumi
			D.Phil University of Oxford
Instruction	The first subject of this course is, as a prerequisite of economic policy, to examine mathematical and logical consistency between the modern economic theory based on micro economics and collective choice theory. The second subject is to ask participants to present creative ideas and to give a proof of a new theorem by using the ideas. The participants are strongly required enough ability on English and mathematics as well as deep understanding of economic theory. No application is discussed at all in this course. The lecture is given in English only.		

Subject of Research	Agricultural Economics	Supervisor	Associate Prof. SHIMOKAWA, Satoru
			Ph.D. in Applied Economics (Cornell University)
Instruction	This course focuses on microeconomic and statistical analysis of food-, health- and poverty-related issues in both developed and developing economies. In a seminar, students will take turns to present an academic paper published in top journals. Students will also need to present their own research. Students are expected to have the master-level knowledge of Microeconomics and Econometrics. Also, excellent communication skills in written and spoken English are essential.		

Subject of Research	Methodology for Political Economy	Supervisor	Prof. SHIMIZU, Kazumi
			Doctrat de Théorie Economique Université de Grenoble II
Instruction	Traditionally, economics has assumed that the economic subjects were “rational” and “independent”: “homo economicus”. However, a trend has gained momentum in recent years, in which both mainstream and anti-mainstream are interested in ruling out the assumption of “homo economicus”. Along these lines, our actual research has two objectives: <div><div>1.</div>Analyze moral sentiments like “fairness” as one of the basic incentives of human economic behaviors.</div> <div><div>2.</div>Coordinate deductive research of “norms”, like social choice theories, with its inductive studies, like social survey and experiment.</div>		

Subject of Research	Public Economics	Supervisor	Prof. SUGA, Koichi
			Doctor of Economics, Hitotsubashi University
Instruction	The purpose of this course is to enhance the research ability of students in order to get Ph.D. when they finish the three-year doctor program. I will assign tasks to examine papers analytically and rigorously which are related to their own subject in the field of public economics, and force them to acquire the skills to pursue his researches and to write papers. The students are expected to accomplish one or two papers in a year. For the future study fundamental knowledge about various fields of public economics and public policy must be required. Hence the students have an obligation to make exercises on the basic advanced textbooks.		
	Bibliography : D. Austen-Smith and J. S. Banks, <i>Positive Political Theory</i> I, II, Michigan UP, 1999, 2005. K. J. Arrow, A. Sen and K. Suzumura eds., <i>Handbook of Social Choice and Welfare</i> , Vol. 1 and 2, North-Holland, 2002, 2011. H. J. Moulin, <i>Fair Division and Collective Welfare</i> , MIT Press, 2003. A. Sen, <i>The Idea of Justice</i> , Belknap Press of Harvard University Press, 2009.		

Subject of Research	Environmental Economics	Supervisor	Prof. ARIMURA, Toshihide
			Ph.D, University of Minnesota
Instruction	Students are expected to conduct research in environmental economics with an approach of applied econometrics. The knowledge of gradulate level of econometrics and microeconomics are required. The focus will be on empirical research with micro data. The computer skill and knowledge in statistical software will be required.		

Subject of Research	Public Policy	Supervisor	Prof. FUKUSHIMA, Yoshihiko
			Ph.D. in Economics (Stockholm University)
Instruction	<p>*No recruit in 2017.</p> <p>This course supports students who are going to write a doctoral thesis theoretically and/or empirically on the subject of “Labour Economics” in a broad sense. Namely, it includes such topics as “employment”, “unemployment”, “human capital”, “wage”, “education”, “training”, “discrimination”, “labour union”, “job change/turnover”, “family/home production”, “well-being” etc. The title of the course is “Public Policy”, but the course focuses on policies and institutions mainly related to “labour” and “labour market”. It's desirable that the thesis deals with some policies and/or institutions that may improve social welfare. Many research materials such as articles and textbooks are in English. Therefore, in addition to knowledge about economics and mathematics, the course requires that students can read and write English.</p> <p>Students who have a strong will for pursuit of truth regarding labour and labour market are very much welcomed</p>		

Subject of Research	Political Economy	Supervisor	Associate Prof. ASAKO, Yasushi
			Ph.D. (Economics) (University of Wisconsin-Madison)
Instruction	This course is for students who plan to write a doctor thesis related to public choice, political economics, or formal model theory in political science, that is, the theoretical analyses on policy making procedures of the government. Students who are interested in the theoretical analysis on international relations can also take this course. This course is mainly use game theoretical analyses, so if you plan to use only empirical analysis, case studies, and historical studies, you should <u>not</u> take this course. Prerequisites for the students are game theory and microeconomics at graduate level. We mainly discuss about the progress reports of the students' research and surveys in class.		