Course Code	5170001	Term	A1A2	Credits	2
Course Title	Research Design Seminar	•			
Faculties	CHEN/HENG/AOI/S	SHIGEOKA			
Course Objectives/Overview	policy challenges. This cou (and the companion of candidates, adopts an intel perspective while pursuing is to demonstrate how	urse course, Predisciplina high acad	d, one discipline is insufficient to oject Seminars), aimed prim ry emic standards for specialty trai arch questions, shape hypothes	arily at F	Ph.D.

Course Code	5170002	Term	A1A2	Credits	2	
Course Title	Project Seminar					
Faculties	AOI/SHIGEOKA/CHE	N/HENG	)			
Course Objectives/Overview	policy challenges. This caimed primarily at Ph.D. of pursuing high academic sthow specialized discipline	Given the increasingly complex world, one discipline is insufficient to address repolicy challenges. This course (and the companion course, Project Semina aimed primarily at Ph.D. candidates, adopts an interdisciplinary perspective we pursuing high academic standards for specialty training. Our focus is to demonst how specialized disciplines identify research questions, shape hypotheses, deploy appropriate research methods to answer the questions.				

Course Code	5170003	Term	年度跨り	Credits	6
Course Title	国際公共政策	研究			
Faculties	各教員				
Course Objectives/Overview	Collaborating p providing broad	lain supervising professors provide supervision for writing doctoral the ollaborating professors will cooperate supervision for writing doctoral thesis roviding broader perspectives relating to international finance and development of international security.		sis by	

Course Code	5170004	Term	年度跨り④	Credits	6
Course Title	国際公共政策	研究			
Faculties	各教員				
Course Objectives/Overview	Collaborating p	rofessors w er perspec	ors provide supervision for writing d vill cooperate supervision for writing doc tives relating to international finance and	ctoral thes	is by

Course Code	5171003	Term	A 1	Credits	2
Course Title	国際金融・開	見発研究:	経済学系(International Financial Pol	icy)	
Faculties	UEDA Kenichi				
Course Objectives/Overview	theoretical and fundamental qui roles in two ir economic growt issues such a	empirical estion: How mportant m h? In additi as moneta	effects of key policies in international fin perspectives. In particular, this course does, and should, the international financiacroeconomic phenomena, i.e., busingon, this course covers frequently discussery union, international reserve, and other countries.	focuses cial systemess cycle ed recent p	on a play and policy

Course Code	5171004	Term		A1A2	Credits	2
Course Title	国際金融・開 Approach)	発研究:	経済学系	(Development Economics:	Microecon	iomic
Faculties	TAKASAKI Yosh	nito				
Course Objectives/Overview	development m interested in int vulnerability, pro	icroeconom ernational c ogram evalı	iics. It is des levelopment uation, demo	rstand the basic concepts a igned for a wide range of sto . It covers development, pove ography, health, education, la ure course is offered in Engli	udents who erty, inequator, migra	o are uality,

Course Code	5171005	Term	S1S2	Credits	2
Course Title	国際金融·開 Approach)	発研究:	経済学系(Development Economics: M	/acroecon	iomic
Faculties	UEDA Kenichi				
Course Objectives/Overview	empirical perspetthrough neo-classification are expected to up process of various barriers development process related studies.	ectives. First ssical grow build empired developing to economocess (of no In addition, and the Istantian section).	ues in macro development from both of st, students are expected to build theoretic th theory and the new growth theory. Se ical foundations through key data analyse countries. Third, students are expected development, the effects of removing ow advanced countries), and policy implicated as are expected to find that key be abor markets as well as in the social in	cal founda econd, studes for the c d to recog barriers in cations from arriers lie i	ations dents catch- gnize n the m the in the

Course Code	5171006-2	Term	S 2	Credits	2
Course Title	国際金融・開	発研究:	経済学系(Foundations of Developme	ent Econor	nics)
Faculties	SAWADA Yasuy	/uki			
Course Objectives/Overview	This course will development ed		osed of English lectures on advanced	graduate	-level

Course Code	5171007	Term	S 1	Credits	2
Course Title	国際金融・開	見発研究:	経済学系(Monetary Policy)		
Faculties	AOKI Kosuke				
Course Objectives/Overview	法を用いて解ューケインシ市場と金融政講義は、単一用である。"N Theory and Poli To learn various the monetary monetary polic financial market The course will useful: ""Monet	深説する。 ジアンモテ 文策等、非一の教科書 Monetary Policy" by Wals is topics on it transmission y, unconvers and mone not be bas ary Policy, cy" by Wals	ed on a single textbook, but the following Inflation, and the Business Cycle" by 6th. Additional readings will be made available.	皮及経路 虫立性、 分教科書 Gali,"Mon 入手可能 identificati nodels, op independe g textbook Gali, "Mon	、 資 が有 etary on of otimal ence, s are etary

Course Code	5171008	Term	S1S2	Credits	2
Course Title	国際金融・開	発研究:	経済学系(International Trade Policy)	)	
Faculties	KUCHERYAVY	Y Konstanti	n		
Course Objectives/Overview	main issues ass - Is free trade b - What are the p - What are the p - How does trace - Who are the p - What are the p	sociated wit eneficial to cotential con ways trade of the impact in vinners and vinners and right trade p ig these qualities understand	nsequences of trade liberalization? can improve country's welfare? come inequality? losers from trade?	ain theoric	es of . The

Course Code	5171013	Term	S1S2	Credits	2
Course Title	国際金融・開	見発研究:	経済学系(Macro Contract Theory an	d Empirics	3)
Faculties	UEDA Kenichi	EDA Kenichi			
Course Objectives/Overview	macroeconomy	. Note that t	quilibrium of contract theory and its implies course is primarily for doctoral studen ogram. This course is quite mathematical	ts or those	who

learning key mathematical concepts such as topology and probability measures.
Students are expected to understand the fundamental mechanisms (e.g., Nash
equilibrium, core, lottery equilibrium) to support a general equilibrium with frictions,
particularly financial frictions. Students are expected to recognize key model
assumptions to make decentralized allocations of consumption and investments to
be equal to, or not equal to, the socially optimal allocations. Policy implications
naturally follow.

Course Code	5171015	Term		A1A2	Credits	2	
Course Title	国際金融・開	国際金融・開発研究:経済学系(国際開発政策・評価論)					
Faculties	青柳 恵太郎	柳 恵太郎					
Course Objectives/Overview	International Deにするでは、 すりではいるが中になる。 はるプへでりやス臭になる。 RCT あ一群のく者セ泥といるが中になる。 のあ出現管いない。 のののは現でいるのののののののののののでは、 のののののののののののののでは、 のののののでは、 のののののでは、 のののののでは、 ののののでは、 ののののでは、 ののののでは、 ののののでは、 ののののでは、 ののののでは、 ののののでは、 ののののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のののでは、 のので、 のので	evelopではよいな較え の基制実しに当デセ本分のの、ク介る試、 も本群施かは者一ス講析ののででである。 とな受し、関の収らでで	<ul><li>) ど立つの (Rě も考け ) 現発合集ではののデ案い 2 (Randomize)</li><li>たンがて点の助い方いの会と成析な場別のスではを 2 (Randomize)</li><li>い方いの会を成析な味のは、 2 (Randomize)</li></ul>	を Evidence-Information Evidence-Information Evidence-Information Evidence-Information Evidence-Information Evidence-Information Evidence	の)②デいに法 評入割非エま策と繁演習を有ザてよに 価をり常ビり定いに習得用効イはるつ デ受当にデ、、っ直のをい性ン、効い ザけて単ン政実た面中	目たが)特果て イる、純ス策施非すで指開実をに検学 ング介なを担プ常る準	

Course Code	5171016	Term	S1S2	Credits	2
Course Title	国際金融・開 Group)	発研究:	経済学系(Development Operations of	the World	Bank
Faculties	NAKA Hiroshi				
Course Objectives/Overview	MIGA) operate prosperity. The Development G This course cov the operations to	in developir operations oals (SDGs ers the key o manage r	/BG) institutions (World Bank (IBRD and ang countries to end extreme poverty and to of the Group also contribute to achieve to agreed by the member countries of the operations of the WBG and the principles isks deriving from external and internal face World Bank Group give lectures online	to boost she Sustain United Nation which regulators. As s	nared nable tions. julate some

provides students with good opportunities to directly discuss development
operations with them.
The objective of this course is to better understand how the WBG operate for
developing countries. It will help students develop policies, programs and projects
to accelerate the growth of a country addressing environmental and social
challenges. Students who finish this course and fully understand the operations of
the WBG can start working for the WBG from day-one when they get a job in the
WBG.

Course Code	5171018	Term	A1A2	Credits	2	
Course Title	国際金融・開	見発研究:	経済学系(Advanced Time Series An	alysis)		
Faculties	SHINTANI Moto	SHINTANI Mototsugu				
Course Objectives/Overview	value is connect of this dynamic course, we learn vector autoregre	Most macroeconomic data show dynamic properties in the sense that the cur value is connected to events in the past in some forms. A formal statistical anal of this dynamic feature helps us understand and forecast the macroeconomy. In course, we learn the basic time series models including autoregressive (AR) models are also welcome.				

Course Code	5171019	Term	A1A2	Credits	2
Course Title	国際金融·男 Economics)	昇発研究:	経済学系(Interdisciplinary Issues in	n Develop	ment
Faculties	庄司 匡宏				
Course Objectives/Overview	as health, gender Each topic constitute broad literary psychology. The in developing constitute in the second seco	er, non-cognists of two stature in extended goal of this buntries connection, we take their contributes. This soly.	ciplinary research topics in economic devinitive skills, and community. sections. In the first section, we compreheconomics and related fields, such as a section is to understand various socio-economic section and few recent empirical papers a butions to the literature, econometric metection aims to learn how to read and variange of students who are interested evelopment, including development pro-	ensively re sociology conomic is and discus ethodology write acac in any ca	eview and ssues as the and demic

Course Code	5171021	Term	A1A2	Credits	2	
Course Title	国際金融・開	発研究:	経済学系(Macroeconomic and Finan	ncial Polici	es I)	
Faculties	UEDA Kenichi /	JEDA Kenichi / NAKATA Taisuke				
Course Objectives/Overview			ng and writing theoretical and empirical successions at the level often discussed amore			

• To build the capacity to understand policy issues on current macroeconomic and
financial issues in the world.
To be familiar with major theoretical arguments and empirical methods.
To improve policy discussion skills:
oPresenting (advertising/defending)
oServing as discussant (praising/criticizing)
oOpen-floor discussions (involving others)

Course Code	5171022	Term	S1S2	Credits	2
Course Title	国際金融・開	国際金融・開発研究:経済学系(Macroeconomic and Financial Policies			
Faculties	NAKATA Taisuke / UEDA Kenichi				
Course Objectives/Overview	current global e policy experts.  To build the ca financial issues  To be familiar  To improve po oPresenting (a oServing as di	apacity to u in the work with major t licy discuss advertising/o scussant (p	theoretical arguments and empirical methicion skills:	ng internat	tional

Course Code	5171023	Term	S1S2	Credits	2
Course Title	国際金融・ Research)	開発研究	:経済学系(Data Science for Prac	ctical Ecor	iomic
Faculties	KUCHERYAVY	Y Konstanti	n		
Course Objectives/Overview	applications of r learning focuse of how to work v purpose of this who plan to w making forecas Timmermann "E good understan chapters from assignments for covered in the Python. Students taking	machine leads on cross-swith time seclass is to ork at final sts. We well-conomic Fiding of prothis textbook this class to rethis class	class is on forecasting methods in elements around methods to forecasting. A typical classectional data, leaving almost no space ries data and how to make forecasts with cover this gap. This class might be use notial companies and government entiticial closely follow the textbook by G. Forecasting". The book is quite advance bability and statistics. During the lecture book and perform hands-on sessions. Will be practical: students will be asked to eal datasets. The required programming will be assumed to be familiar with bastatistics, as well as programming in Pythological.	ass on mar for a discu such data ful for stud es tasked Elliott and ed and req s, we will d All home apply men ing langua	chine ssion The dents with A. quires cover ework thods ge is

Course Code	5171026	Term	A1A2	Credits	2
Course Title	国際金融• 開	発研究:	経済学系(Evolution of Global Econo	mic Policie	es)

Faculties	NAKAO Takeo
Course Objectives/Overview	Students study through this course i) how economic policies have evolved since the demise of the Bretton Woods system in the 1970s, ii) what were impacts of Asian financial crisis in the late 1990s and the global financial crisis in 2008/09, iii) how Asian countries have achieved high growth and poverty reduction, and iv) what are new and emerging challenges for Asia and the World.  Lecture is both theoretical and empirical, and based on the lecturer's experiences as Chairman of Institute, Mizuho Research & Technologies (April 2020-), President of Asian Development Bank (ADB) (2013-2020), Vice-minister of Finance for International Affairs dealing with G7, G20, and IMF issues (2011-2013), and other work at the Japan's Ministry of Finance, including tax, budget, and financial sector policy (1978-2013) and as an advisor in IMF's Policy Development and Review Department (1994-97).

Course Code	5171028	Term	A1A2	Credits	2	
Course Title	国際金融· Economics)	開発研究	: 経済学系(Contemporary Issues in	n Develop	ment	
Faculties	CHEN Stacey	CHEN Stacey				
Course Objectives/Overview	appropriate for resource econo	graduate : mics, and r	temporary topics in development eco students in economics, public policy, a elated fields. cs for Public Policy or its equivalent			

Course Code	5172002	Term	A1A2	Credits	2	
Course Title	国際金融・開	見発研究:	政治学系(Governance and Develop	ment)		
Faculties	MOTODA Yuka					
Course Objectives/Overview	The objectives of the course are: 1) to give students a historical understanding the context of the rise and fall of major development theories on which donors based their aid policies; 2) to deal with the ways in which current internated development cooperation takes place in the areas at issue - with the primary being placed on 'governance' amongst them; 3) to provide a critical assessment the ways in which the concept of 'governance' and the role of state are from through international development discourse in general and development aparticular.  By the end of the course, students will be able to understand firstly why a content of the course are the course and the role of the course, students will be able to understand firstly why a content of the course are the course and the role of the course and the role of the course and the role of the course are the course and the role of the course are the course and the role of the course are the course and the role of the course are the course are the course and the role of the course are the course and the role of the course and the role of the course are the course and the role of the course are the course and the role of the course are the course and the role of the course are the					

Course Code 5173001 Term	A1A2	Credits	2
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Course Title	国際金融・開発研究:法学系(国際経済法)
Faculties	伊藤 一頼
Course Objectives/Overview	国境を越えた経済活動は絶えず加速しており、特に貿易・投資の分野においては明確な国際ルールの必要性が高いことから精緻な条約システムが構築されている。本講義では、貿易分野における世界貿易機関(WTO)、および投資分野における投資保護協定といった国際法制度を中心に、その歴史や規律内容の理解を目的とする。また、地域経済統合の進展や大国間の貿易摩擦など近年の新たな動向についても解説を加える。これらを通じて、現代の国際経済関係を法的な視点から読み解き、的確な分析を加えるための視点を獲得するとともに、国際経済法務に携わるうえで必要となる実践的な知識を身に付けることが目標である。

Course Code	5174001	Term	S 2	Credits	2			
Course Title	国際金融・開	国際金融・開発研究:学際系(International Projects)						
Faculties	KATO/KOMA	KATO/KOMATSUZAKI/MORIKAWA						
Course Objectives/Overview	We civil engineers are involved not only in construction of infrastructure but als solving a variety of social problems. For example, the Great East Japan Earthqueset a new task to build new embankments along the Sanriku Coast. It is not a put technical issue but a social one as social acceptance would be necessary to be those embankments. Even experts of structural mechanics cannot avoid or ig it. The same thing can be said to international project. You, as future civil enginemust have competencies to deal with such various aspects of international project through case method in this course. The instructors with differences of the professional backgrounds will give you an opportunity to learn a wide range expertise to manage and/or initiate international project in future.							

Course Code	5174002	Term	A1A2	Credits	2				
Course Title	国際金融•開	国際金融·開発研究:学際系(International Intellectual Property Management)							
Faculties	WATANABE To:	WATANABE Toshiya							
Course Objectives/Overview	intellectual propespecially focus perspective as well How we create this year. The course is comparable speakers, group the IPR manageffective interactions.	erty from Ir on IP mana vell. Both of IP and con organized by o work sess ement throutive process	nagement" course covers the fundame innovation and business perspective. Couragement from startup business, and dever situation face problems of little manager apetitiveness for little management resource combining series of lectures and works sions and case study sessions for better ugh real issues in business scene. In or is in "case based teaching", a number of er rocess, students in the TMI departments a	rrse of this eloping counent resources is top shops by good understander to factorial	year unties urces. pic of guest nding ilitate dents				

in TMI sub-major have some priority.
In 2022, this class will be organized as face to face, hybrids & online class.

Course Code	5175004	Term	A1A2	Credits	2				
Course Title	国際安全保障	国際安全保障研究:政治学系(Transformation of Warfare and Technology)							
Faculties	AOI Chiyuki								
Course Objectives/Overview	There have developed quite separate debates concerning, on the one hand Transformation of Warfare, and Revolution in Military Affairs on the other. Conventional knowledge is that whi former approach encompasses a vast range of scholarly analysis on how war contemporary era might have transformed in all spheres of economy, politic society, the latter has focused on the impact of technological advancement narrower sense on warfare, especially the way in which warfare has been conducted or to be conducted. However, to discuss changes in the character of war in these distinct spheres, each with specific preoccupations with no interactions, is no conducive to a meaningful generalization about the transformation of warfare The purpose of this seminar is to consider the impact of modern and contempt technological changes, espe-cially focusing on communication and media sphon the character and conduct of warfare today, hence								

Course Code	5175005	Term	S1S2	Credits	2			
Course Title	国際安全保障	国際安全保障研究:政治学系(Global Conflicts & Cooperation)						
Faculties	Endo Ken	Endo Ken						
Course Objectives/Overview	- to understand	- to grasp the concept/nature of globalisation and its governance - to understand the variety of global issues and conflicts involved in them - to explore the cooperative ways in which to mitigate/settle/solve those conflicts						

Course Code	5175006	Term	A 2	Credits	2				
Course Title	国際安全保障	国際安全保障研究:政治学系(Science, Technology and Public Policy)							
Faculties	MATSUO/ALE	MATSUO/ALEMANNO							
Course Objectives/Overview	The development and diffusion of science innovative technologies is indispensation for modern society. However, despite its benefits, the development of science at technology is not without various risks and social problems. So far as we are going to make societal decisions for the use of science and technologies with divers social implications that encompass both risks and benefits, sometimes involving values implications, there is a need for mechanisms of decision making at management of the development and utilization of science and technology. Decisions can be different depending on environmental, institutional and culture conditions. In addition, innovative policy instruments/ mechanisms to deal with rapidly changing science and technology, including regulatory measures, a								

This course will deal with wide range of issues from local to global levels faced at the interface areas between science, technology and public policy from comparative perspective of Japan, the US and Europe. It offers key theoretical issues surrounding Science and Technology and provides students with the tools and frameworks, such as risk assessment/ management and transition management, to analyze them. This course invites students from both natural science backgrounds (i.e. the graduate school of engineering, new frontier science and so on) and social science backgrounds (graduate school of public policy, law and politics, and economics and public policy). We expect students to acquire interdisciplinary perspective in addition to their primary major, which is one of the critical skill in analyzing complex social technical issues posed by science and technology.

Course Code	5175007-1	Term	A1A2	Credits	2			
Course Title	国際安全保障研究:政治学系(Contemporary Chinese Politics)							
Faculties	LIM Jaehwan	LIM Jaehwan						
Course Objectives/Overview	In addition to enhancing understandings of the structure and processes of contemporary Chinese politics, this course aims to familiarize students with prominent theories of authoritarian politics. Among the topics this course will examine in the Chinese context are: factionalism, elite bargains and power-sharing, corruption; political participation; contentious politics; censorship and manipulation.							

Course Code	5175007-2	Term	A1A2	Credits	2			
Course Title	国際安全保障	国際安全保障研究:政治学系(Contemporary Chinese Diplomacy)						
Faculties								
Course Objectives/Overview	the developmer Enlai to the cu	This course looks into the diplomacy of the People's Republic of China. It discusses the development of Chinese diplomacy from the days of Mao Zedong and Zhou Enlai to the current period. Important questions to be tackled include the policy process, especilly the linkage between internal politics						

Course Code	5175008	Term	S1S2	Credits	2		
Course Title	国際安全保障	国際安全保障研究:政治学系(International Politics in East Asia)					
Faculties	佐橋 亮	佐橋 亮					
Course Objectives/Overview	examine the imp	pacts of botl East Asia. E	us on a particular nation's foreign poling the rise of Asia, regionalism and Americ Behaviors of not only great powers but sr	an commit	ment		

Course Code	5175010	Term	A1A2	Credits	2
Course Title	国際安全保障	国際安全保障研究:政治学系(国際政治経済の諸問題)			

Faculties	飯田 敬輔
Course Objectives/Overview	本演習は国際政治と国際経済の接点にある各種の問題について実証的に研究することを目的とする。輪読のテーマは、主要国の貿易政策の比較である。米国、日本のみならず、その他の主要国の貿易をめぐる政策決定過程を幅広く取り扱いたい。文献については開講後指示する。

Course Code	5175011	Term	通年	Credits	4		
Course Title	国際安全保障	国際安全保障研究:政治学系(アメリカ政治外交史)					
Faculties	UMEKAWA Tak	UMEKAWA Takeshi					
Course Objectives/Overview		政治現象	を行うとともに、参加者にアメ! についての調査・報告、ならびに もらう。				

Course Code	5175012	Term	A1A2	Credits	2				
Course Title	国際安全保障	国際安全保障研究:政治学系(Global Political Economy)							
Faculties	SUZUKI Kazuto	SUZUKI Kazuto							
Course Objectives/Overview	feature of interrother, it has au provide how EU been conducted	European Union has a unique system of governance. On the one hand, it has a feature of international organization as a collection of sovereign state, but on the other, it has autonomous authority and competence to govern. This course will provide how EU came to this form of governance and what are the policies that has been conducted within EU. It will discuss the issues in recent years such as Brexit, emergence of populist movements, and migration issues.							

Course Code	5175013	Term	A1A2	Credits	2		
Course Title	国際安全保障	5研究:政	治学系(Governance of Space Activities	s)			
Faculties	SUZUKI Kazuto	SUZUKI Kazuto / VERSPIEREN Quentin					
Course Objectives/Overview	This course aims to raise awareness on the critical role of space technology in our daily lives and the important implications it has on domestic policymaking and international relations.  The first part of the course, titled "Space and Society", provides an overview of major space technologies and their applications. It then demonstrates how space assets have become a critical infrastructure on which advanced societies are over-reliant, and the hazards and threats that they are facing.  The second part of course delves into political science and international relations. It addresses the various approaches to space policymaking, the structure of international relations in outer space and the major challenges ahead for the space						

Course Code	5175014	Term	A1A2	Credits	2	
Course Title	国際安全保障 Politics)	章研究:政	治学系(Strategic Communications a	nd Internat	tional	
Faculties	青井 千由紀					
Course Objectives/Overview	Strategic communications occupy a particularly significant place in world political today. This course provides the background for understanding the expanded role of communications in contemporary international security and provides a theoretical framework for analyzing/explaining the role of communications in contemporary diplomacy and statecraft. This course will further situate contemporary uses of strategic communications in the evolving character of warfare today, especially the hybridization of threats and warfare. Issues covered include: the social impact of the evolution of ICT technologies; functions of strategic communications; public affairs and public diplomacy; military psychological operations and information operations; history of disinformation, misinformation, and malinformation; uses of strategic communications by non-state actors; governmental institutions and the apparatus of strategic communications; and strategic communications in Asia and the Indo-Pacific.  This course is offered by the Strategic Communications Education and Research Unit (SCERU), with support from the European Union (EU). It also serves as a preparatory course for the GraSPP-King's College London double-degree					

Course Code	5176001	Term	A1A2	Credits	2				
Course Title	国際安全保障	5研究:法	学系(国際組織と法)						
Faculties	森 肇志	系 <u>肇</u> 志							
Course Objectives/Overview	れ条用割的そ所実本実とメの体履果意しよ家習の通ジ年のはないのがでは、これのでででででででででででででででででででででででででででででででででででで	条ばさいト等等でこあ代、り約れらるロのをもうり国森りにるに。一多通まし方際肇けよもはま)くじすたを法志で	け多数国間条約が数多く結ばれてり運営機関が設置されるもらはいのが形成されている。それらはい発展という、国際法の実現においた、こうした条約によるものの重要性も増の国内には、それを実施するためもして、国内法ではなってもあいる。 主条約体制(国際組織を含む)の特別の現まのでは、それを実施である。 一条約体制(リサーチを中心にする。 一条が体制(リサーチを中心にする。 一条が体制(リサーチを中心にする。 一条が体制(リサーチを中心にする。 一条が本制(のの大きなののが、のののののののののののののののののののののののののののののではない。 のののののののののののののののののののののののののののののののののではいます。	多該でに。やが 造か。み条大、 国っ なに具の なに具	れのな拘 裁国 びる的、適役束 判内 にこイ				

Course Code	5176002	Term	S 1	Credits	2
Course Title	国際安全保障	国際安全保障研究:法学系(国際人権法)			

Faculties	寺谷 広司
Course Objectives/Overview	今日、人権は国際社会における最も中心的な関心の一つであり、日本でも法曹関係者を初め、多くの立法・行政機関関係者、民間団体が「国際人権」に関与するようになってきている。この授業では、人権の国際的保障の現状とあるべき姿について考察する。そのために、現行諸制度の仕組みと運用について理解を深めるのはもちろんのこと、背景となる歴史と理論、特に国際法理論との連続を重視して討論する。

Course Code	5178001	Term	S1S2	Credits	2			
Course Title	国際安全保障	国際安全保障研究:学際系(Resilience Engineering)						
Faculties	SHIBASAKI Ryı	SHIBASAKI Ryuichi / FURUTA Kazuo						
Course Objectives/Overview	or following cha under both expe concept of safe of researchers study to pursue technological sy	anges and of ected and of ty based or and practit of methodol orstems. This	bility of a system to adjust its functioning disturbances, so that it can sustain required unexpected conditions. Resilience can be probabilistic concept of risk and now droners. Resilience engineering is an accepted how to implement resilience to be lecture provides fundamental concepts well as an up-to-date overview of specific	ired opera e an adva awing atte ademic are complex s framewor	entions ention ea of socio- cks of			

Course Code	5178002	Term	S 2	Credits	2			
Course Title	国際安全保障	国際安全保障研究:学際系(Energy Systems)						
Faculties	KOMIYAMA Ryouichi / FUJII Yasumasa							
Course Objectives/Overview	In this course, basics of energy systems on and around nuclear energy are explained comprehensively. Environmental and economic evaluation methods associated with energy use and development are also mentioned so that the students can obtain balanced knowledge and ways of thinking of energy systems.							

Course Code	5178003	Term	S1S2	Credits	2				
Course Title	国際安全保障	国際安全保障研究:学際系(Global Health Policy)							
Faculties	HASHIZUME M	HASHIZUME Masahiro / CHRIS NG FOOK SHENG							
Course Objectives/Overview	背景を概説す 習を行う。ク 別講義も適宜 グローバルへ 負荷、健康格 This course intro	つるととも ブローバル ご実施し、 ハスの政 発差、健康 oduces the	ヘルスにおける主な課題の論点は に、政策課題の分析と解釈のため ヘルスの第一線で活躍する外部記 理論と実践の双方を習得する。扱 で策とガバナンス、地球環境問題と の社会的決定要因等である。 principles and theories of major global hea nproving global population health, as w	かの実践I 講師によ うテーマ に健康、i alth challer	的演 るは、疾 rges,				

applications of quantitative methods to analyze and interpret these issues and
challenges for policy. Topics will include global health policy and governance, global
burden of diseases, global environmental change, environmental health, health
equity, infectious disease surveillance, non-communicable diseases and
prevention, maternal and child health, health risk assessment, etc.

Course Code	5171101	Term	A1A2	Credits	2
Course Title	科学技術政策研究:政治学系(Governance and Development)				
Faculties	MOTODA Yuka				
Course Objectives/Overview	the context of the based their aid development context on the ways in whathrough international particular. By the end of the theory was emeand how it was understandings governments are students will be	pe rise and for policies; 2 properation to go operation to go operation to go operational deverse course, so turned into go of the important policies and go of the important policies of the important	se are: 1) to give students a historical ure fall of major development theories on which to deal with the ways in which curre takes place in the areas at issue - with the ce' amongst them; 3) to provide a critical acept of 'governance' and the role of stallopment discourse in general and developments will be able to understand firstly extain point of history and why it was adopt their aid policies. Secondly, students we pact of implemented aid policies on reat large - i.e. the governance of recipient ollow up emergent 'unorthodoxies' that overnance and development in the in	ch donors nt internat e primary f assessme ate are fra elopment a y why a ce pted by do ill deepen ecipient st states. Th	have tional focus ent of amed aid in ertain nors, their tates' nirdly, e the

Course Code	5171104	Term	A1A2	Credits	2
Course Title	科学技術政策	研究:政	t治学系(Transformation of Warfare ar	nd Technol	ogy)
Faculties	AOI Chiyuki				
Course Objectives/Overview	Transformation Revolution in M former approach contemporary e society, the latt narrower sense on warfar to be conducted distinct spheres conducive to a The purpose of technological ch on the characte	of Warfare, ilitary Affairs encompaster might had er has focute, especiall. However, each with meaningful this seminationanges, especially and conductions are and conductions and conductions are and conductions and conductions are also as a conduction are a conduction a	te separate debates concerning, on the and so on the other. Conventional knowledge is sees a vast range of scholarly analysis on ave transformed in all spheres of econorised on the impact of technological adverged by the way in which warfare has been concerned to discuss changes in the character of was specific preoccupations with no interacting generalization about the transformation of the consider the impact of modern and the citally focusing on communication and the confidence of interests.	is that while how war in these ons, is not of warfare in temporary to contemp	e the in the s and t in a bught quite t very itself.

Course Code	5171105	Term	A 2	Credits	2	
Course Title	科学技術政策研究:政治学系(Science, Technology and Public Policy)					
Faculties	MATSUO/ALE	EMANNO				
Course Objectives/Overview	for modern social technology is not to make societic social implication values implicated management of Decisions can be conditions. In a rapidly changing required for important the interface are perspective of surrounding Social frameworks, such analyze them. In the gradual science backgree economics and perspective in a social	iety. However the without visual decisions on that entions, there of the development of the different addition, in the second of the course of the second of	sion of science innovative technologies in er, despite its benefits, the development arious risks and social problems. So far a for the use of science and technologic compass both risks and benefits, some is a need for mechanisms of decisions and technology in a need for mechanisms of decisions and technology, including regulatory decisions.  Wide range of issues from local to globath ascience, technology and public policy from the US and Europe. It offers key the seessment/ management and transition responsible invites students from both natural science and seed and the school of public policy, law are allicy). We expect students to acquire their primary major, which is one of the echnical issues posed by science and technological issues posed by science and technological issues posed by science and technical issues p	of science as we are ges with diversimes involved and technological and curs to deal measures. I levels factor compared to the tools management be backgroup on) and set of politics, interdisciple critical sleeps and politics.	e and going verse olving and ology. Itural with are ed at rative sues and int, to unds occial and inary	

Course Code	5171106	Term	A1A2	Credits	2
Course Title	科学技術政策	研究:政	(治学系(国際政治経済の諸問題)		
Faculties	飯田 敬輔				
Course Objectives/Overview	証的に研究す 政策の比較で	「ることを ごある。米	国際経済の接点にある各種の問題 目的とする。輪読のテーマは、当 国、日本のみならず、その他の当 とを幅広く取り扱いたい。文献につ	三要国の 三要国の	貿易 貿易

Course Code	5171107	Term	S1S2	Credits	2
Course Title	科学技術政策研究:政治学系(Japan's Modernization Experience and Its ODA Policy)				
Faculties	TAKAHARA / IOKIBE / KATO / KAYASHIMA / KITAOKA / KITANO / KOBAYASHI / NISHIZAWA / MATSUBARA / HAYASHI / MAKIHARA / YAMADA				
Course Objectives/Overview	and how it has	extended it	offer an overview of Japan's experience in as assistance to other countries' moderni ary to modernize, Japan's experience, bo	zing effort	s. As

negative, presents an important reference point for other countries to investigate.
This course is conducted in cooperation with JICA, the Japan International
Cooperation Agency. Those taking part in the JICA Development Studies Program
are required to take this course, while other students are most welcome to take part.

Course Code	5171108	Term	A1A2	Credits	2			
Course Title	科学技術政策	科学技術政策研究:政治学系(Space Development and Public Policy)						
Faculties	SHIROYAMA/	NAKASUK	A/KURIYAMA					
Course Objectives/Overview	of space policy practitioners an requires studenthrough joining Space governatunderstanding framework and to go through. government an private entities) recently. With the Sustainable Degovernment are Considering sustainable in outstudents to explication for the space and In FY 2023, before (STM), space introductory legactivities, the requirement of the space and	and law. Find specialists to explogroup work ance and show space how to identify the space of th	ean overview of space governance from the for this purpose, lectures are to be giver the interest of the possible solutions/proposals on an and writing individual report. Space policy are interrelated and the emissions need to cope with the exist tify pressing issues/challenges that all space agencies but also to New Space agencies) but also to New Space agencies) but also to New Space agencies) but also to New Space agencies, uAE) who started and number of space actors, due to grow Goals (SDGs), various space applicated sector are flourishing to support so this course provides comprehensive lectors and practical solutions necessal with the latest topics including space traffice exploration, and space x SDGs, the consequence of the actors (i.e., space agencies, industrom process/forum of rule-making for sustance of coress/forum of rule-making for sustance of the cores.	key termisting regularized actors (all actors (aspace missiving interestions bottocietal nets of resources that ry for pursic managerourse provovarious sey, internations by	emia, burse emes in atory need (e.g., (e.g., sions est in h by eeds. urces help suing ment vides pace tional			

Course Code	5171109	Term	A1A2	Credits	2
Course Title	科学技術政策	5研究:政	治学系(Global Governance)		
Faculties	TIBERGHIEN Y	ves			
Course Objectives/Overview					

Course Code	5171110	Term	A1A2	Credits	2
Course Title	科学技術政策	<b></b> 研究:政	(治学系(海洋科学技術政策論)		
Faculties	山口 健介				

	科学技術の進歩等により、「海洋の自由」という国際法上の原則では
	海洋の管理が不十分になりつつあります。すなわち、海洋調査技術、
	資源開発技術、エネルギー技術等の進歩により、海が資源としての
	意味を持ち始めた結果、海洋開発をめぐる権利や利益が利害関係者
Course	間で争われる対象として立ち現れてきました。海は誰のものか?ど
Objectives/Overview	のように利害関係を調整するのか?本講義の目的は、科学技術が海
	洋権益を生み出す過程とそれへの対応過程を理解し、関連する公共
	政策上の論点を学ぶことです。国際海洋研究所によるベーシックな
	テキストブックを学び合う形式で進めます。評価は、授業への貢献
	を基本とし、レポート等を加味します。

Course Code	5171111	Term	S1S2	Credits	4				
Course Title	科学技術政策	学技術政策研究:政治学系(テクノロジーアセスメント)							
Faculties	谷口 武俊/	今口 武俊/松尾 真紀子							
Course Objectives/Overview	る開が社繋発しま的討In本「影りてジ想技除動のグ不発生会が・進え含しい講テ響上考ニ現術去翻バリー、大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	に話される策が『あ展先一考に。、現膜宙人ノベい動な様存る立も(Bる開端アえTこ人実再新エローニはス社を共者らI研す科セ方Aれ工、生輸知ジシーの会でである。す「究る学ス・討ま光メや送能)=	職に関するに関するに関するに関するに関するに関するに関するに関するに関するに関する	学は「はないです。 sib コ(呼ばはほど) 重して技様科り術・の法をLe、一技学問、、の宇転合科術々学重の利本的事 R・チ術技いジM2情宙技成学のな技層研用質・前のでの術にオM報デ術生分	研利術的究をを社にさる あ社をつエや通ブ、物野究害のに開推踏会検い る会取いン仮信リ自学、				

Course Code	5171112	Term	S1S2	Credits	2
Course Title	科学技術政策	研究:政	治学系(人工知能と社会)		

Faculties	江間 有沙/國吉 康夫
Course Objectives/Overview	交通・エンタメ・農業・医療・金融・サービス業等、様々な領域に人工知能が導入され、私たちの生活や働き方に影響を及ぼしています。そのため、国内外で人工知能技術の開発や利活用の原則や、技術の倫理的、法的、社会的影響(Ethical, Legal and Social Implications)の議論が行われています。このような議論には多様な分野の知見が求められており、今後、情報系研究者も倫理・法・社会的知見を持つこと、政策関係者や実務家、人文・社会科学の研究者も情報技術に関する知見を持つことが必要となります。本授業では、「どうやったら技術を社会に受容してもらえるのか」「技術が私たちの社会をどう変えてしまうのか」という技術決定論的あるいは受け身な態度ではなく、「どのような社会を目指し、そのために技術や人は何ができるか」といった視点から「人工知能と社会」における論点を考えます。本授業では「人間中心」の考えに基づく責任ある人工知能の開発と利用に取り組む国際的なイニシアチブ Global Partnership on Al (GPAI)の「仕事の未来」分科会での議論や研究に関連し、特定のテーマや業界に関しての最終レポートを作成します。また、学生には授業前にテーマに関する資料を予習し、質疑応答やディスカッションに主体的に参加することが求められます。なお、本授業は総合文化研究科、情報理工学系研究科、公共政策大学院の合併授業です。

Course Code	5171114	Term	A1A2	Credits	2
Course Title	科学技術政策ント)	· 研究:政	(治学系(デジタル社会とパブリ)	ックマネ	ジメ
Faculties	青木 尚美/	江崎 浩/	「羅 芝賢/座間 敏如/平本 健二		
Course Objectives/Overview	(PM) - 行政 ンス - は変さ ントの観点を テクケを を を を を で の を で の の に り り り り を き で 、 の で り で り で 、 の も で り で り る で り る り る り る り る り る り る り る	女・を注えるッを特といいなりとは話こう後定だている。 なりのではないがある。 はないのではないではないのではない。 とないのではない。 はないのではない。 はないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないのではない。 とないではない。 とないではない。 とないではない。 とないではない。 とないではない。 とない。 とない。 とない。 とない。 とない。 とない。 とない。 と	代社会において、パブリック・マービスの提供に関わる組織の運営れている。この授業では、チェンは様々な PM の領域で必要とされるた変革を理解し、その変革をもだけのとする。授業では毎回、専門を交えながら、① 何が必要とないる要因、③変革の障害となるでである。 変革を達成し、定着化させる施策が、テクノロジーが交差する領域である。	営及ジデら家れっきないででいます。これっきないできないのでのではないできまれった。	バジルめるるるるをナメ・の講変要。持

Course Code	5171115	Term	A1A2	Credits	2	
Course Title	科学技術政策	科学技術政策研究:政治学系 (Institutions and Methods of Health Technolog				

	Assessment in Healthcare Policy)
Faculties	KAMAE Isao
Course Objectives/Overview	<ul> <li>Students learn about Health Technology Assessment (HTA) institutions in the world and develop the HTA literacy with global standards, which is required for public policy-making and business in healthcare.</li> <li>A group of two or three students is asked to perform a short presentation regarding one institution assigned in advance (for example, NICE in the UK), and the presentation is followed by class discussions.</li> <li>International HTA experts in Asia, the US or Europe are invited in several classes to give their lectures online.</li> </ul>

Course Code	5171116	Term	A1A2	Credits	2	
Course Title	科学技術政策	5研究:政	t治学系(Global Political Economy)			
Faculties	SUZUKI Kazuto	SUZUKI Kazuto				
Course Objectives/Overview	feature of interrother, it has au provide how EU been conducted	national orgutonomous I came to the I within EU.	ique system of governance. On the one anization as a collection of sovereign st authority and competence to govern. T is form of governance and what are the p It will discuss the issues in recent years rements, and migration issues.	ate, but o his course olicies tha	n the e will t has	

Course Code	5171117	Term	A1A2	Credits	2
Course Title	科学技術政策	研究:政	治学系(Governance of Space Activities	3)	
Faculties	SUZUKI Kazuto	SUZUKI Kazuto / VERSPIEREN Quentin			
Course Objectives/Overview	daily lives and international relational relations. The first part of the space technology have become a and the hazards. The second paraddresses the	the import ations. the course, gies and the critical infras and threat t of course various a	wareness on the critical role of space te ant implications it has on domestic po titled "Space and Society", provides an over applications. It then demonstrates how astructure on which advanced societies as that they are facing. delves into political science and internation pproaches to space policymaking, the ter space and the major challenges ahear	licymaking verview of r w space as are over-re onal relation e structur	major ssets eliant, ons. It re of

Course Code	5171118	Term	A1A2	Credits	2	
Course Title	科学技術政策 Design)	科学技術政策研究:政治学系(Evidence-based Science & Technology Polic Design)				
Faculties	SHIBAYAMA So	SHIBAYAMA Sotaro				
Course	Science, techno	logy, and in	novation (STI) shape the foundation of the	e contemp	orary	

Objectives/Overview	society and thus make a major arena of public policy. The complex nature of the STI system poses various challenges, and effective policymaking approaches have been explored and developed. Evidence-based policy making (EBPM) is one such approach that is expected to address the challenges and has been implemented in STI policy design, although it has its own shallonges and limitations. In this source
	STI policy design, although it has its own challenges and limitations. In this course, students are expected to learn the context of STI and the basis of EBPM as well as
	to learn how EBPM can be applied to STI policy design.

Course Code	5171119	Term	A1A2	Credits	2		
Course Title	科学技術政策 Politics)						
Faculties	青井 千由紀	井 千由紀					
Course Objectives/Overview	today. This cour communications framework for a diplomacy and strategic communication of the evolution of affairs and public operations; hist strategic communications of	se provides in contemanalyzing/e statecraft. unications in threats and ICT technolic diplomatory of disingunications rategic compoffered by the with supposes in the context of the contex	occupy a particularly significant place is the background for understanding the exporary international security and provide explaining the role of communications in This course will further situate contement the evolving character of warfare today discovered include: the shologies; functions of strategic communicacy; military psychological operations aformation, misinformation, and malinformation, misinformation, and malinformation by non-state actors; governmental institutional munications; and strategic communications the Strategic Communications Education and the GraSPP-King's College London	xpanded research theory used contemporary used cocial impairmentations; pand information; used the constant and Research serves	ole of etical orary es of ly the act of public nation es of d the a and earch as a		

Course Code	5172103	Term	S1S2	Credits	2	
Course Title	科学技術政策	技術政策研究:法学系(企業の技術戦略と国際公共政策)				
Faculties	中川 淳司/	川 淳司/米谷 三以				
Course Objectives/Overview	かに関わるがルールのはいる。今日、「対を日、「対のないのではないでは、「対のないではないでは、「対していいのかのからない。」という。	い、よびは、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は	経営戦略・技術戦略として公共政 国際ルールの形成にどのように関 別用しているか、の実務を学ぶこと どう関わるか等の対政府渉外活動 活」の企業にとっての重要性が高い 海外投資等の経営戦略との複合的 素・プラスチックごみ対策などが 、標準化の巧拙が技術競争の重要 の現れである。また関税や投資を チェーンの構築に大きく影響する 会が増加している今日においてに 会が増加している今日においてに	関わり、 となり、 となり、 となり、 となり、 となり、 となり、 となり、 とな	国といるがのに護ルど際すいの必変な等ー非	

ル形成に関わる企業戦略の巧拙が業績に大きく影響する。同時に、 Brexit に見られるように、国家の規制主権を取り戻そうとする動きも あり、対象の動きは複雑化している。 こうした活動を立案・実施するためには、法と政策に関わる知見に 加え、技術に関する知見も必要であり、総合的な専門性が必要とさ れるが、必要な専門能力・経験を備えた人材は不足している。この 現状に鑑み、企業が国際公共政策に関わるとはどういうことか、と くに、技術戦略にどのような影響があるか、どのような関わり方に よって目的を実現できるか、とくに、技術的なソリューションをど のように組み合わせるか、そのために必要な能力・知見は何か等に ついて、企業活動の最前線でルールの立案・交渉・実施にあたって いる実務家の経験と知見を学び、実務につなげる。経済活動に対す る国際ルールの規律の現状とその底流となる政策論の方向性、国際 ルールの形成と実施のための手続の実際、かかる手続における政 府、企業、NGO 等のステークホルダーの関与等について、個別の事 例の検討を通じて考察を深め、さらに今日的な課題にいかに取り組 むかについて実践的な議論を行い、実務において直面する問題に対 する解決能力を高めることをねらいとする。

Course Code	5173103	Term	S1S2	Credits	2
Course Title	科学技術政策 Group)	研究:経	済学系(Development Operations of	the World	Bank
Faculties	NAKA Hiroshi				
Course Objectives/Overview	MIGA) operate in prosperity. The Development God This course cower the operations to senior manage provides stude operations with The objective of developing cours to accelerate the challenges. Students operations with the objective of developing cours to accelerate the challenges. Students operations with the objective of the operations of the operations with the objective operations of the operations of	n developing operations coals (SDGs ers the key commanage report of the ment of them. of this couratries. It will the growth dents who is controlled the second the s	(BG) institutions (World Bank (IBRD and and countries to end extreme poverty and softhe Group also contribute to achieve to agreed by the member countries of the operations of the WBG and the principles isks deriving from external and internal face World Bank Group give lectures onling good opportunities to directly discussive is to better understand how the WI help students develop policies, program of a country addressing environment finish this course and fully understand the growth of the WBG from day-one when they	to boost shall the Sustain United National Sustaination of the Sus	nared nable tions. julate some burse ment te for ojects social ins of

Course Code	5173105	Term	S1S2	Credits	2
Course Title	科学技術政 Research)	策研究:	経済学系(Data Science for Pract	tical Ecor	nomic
Faculties	KUCHERYAVY'	Y Konstanti	n		

Course Code	5173108	Term	S1S2	Credits	2	
Course Title	科学技術政策	研究:経	· 経済学系(Economic Analysis of Innova	tion)		
Faculties	YARIME Masar	u				
Course Objectives/Overview	the economic at and dynamics a strategy, public this course incommon innovation, resindustry collaborated from Analysis of economic elaborated approaches are national as well first half of the innovations on the strategy of the strategy o	This course discusses the functions and mechanisms of innovation systems the economic assessment of their impacts, with implications for industrial structure and dynamics and societal challenges. A particular attention is paid to corporate the course include models of technological change, systems approache innovation, research and development, intellectual property rights, universingustry collaboration, public policy for innovation, and case studies in varience and technology and instituted from a perspective of co-evolution of technology and instituted Analysis of economic evolution is introduced, and its concepts and methodological elaborated to represent and model the dynamics of innovations. System approaches are taken to discuss the functions and structure of innovations a national as well as industrial levels. These theoretical frameworks introduced infirst half of the course are utilized to understand the mechanisms of creation and communication, and health. Implications for public policy information and communication, and health. Implications for public policy				

Course Code	5174101	Term	S 2	Credits	2	
Course Title	科学技術政策	竟研究:学	P際系(International Projects)			
Faculties	KATO/KOMA	TSUZAKI/	MORIKAWA			
Course Objectives/Overview	solving a variety set a new task t technical issue those embankn	We civil engineers are involved not only in construction of infrastructure but also in solving a variety of social problems. For example, the Great East Japan Earthquake set a new task to build new embankments along the Sanriku Coast. It is not a purely technical issue but a social one as social acceptance would be necessary to build those embankments. Even experts of structural mechanics cannot avoid or ignore it. The same thing can be said to international project. You, as future civil engineers,				

must have competencies to deal with such various aspects of international project.
Students are expected to learn the skills of problem solving (analysis, evaluation
and forecast) and solution design and the professional knowledge of international
project through case method in this course. The instructors with different
professional backgrounds will give you an opportunity to learn a wide range of
expertise to manage and/or initiate international project in future.

Course Code	5174102	Term	A1A2	Credits	2
Course Title	科学技術政策	研究:学	際系(International Intellectual Property	Managem	nent)
Faculties	WATANABE To:	shiya			
Course Objectives/Overview	intellectual propespecially focus perspective as who we create this year. The course is cospeakers ,group the IPR manageffective interaction TMI sub-major	erty from Ir on IP mana vell. Both of IP and com- organized by o work sess ement throutive process ed. In this por have som	nagement" course covers the fundame innovation and business perspective. Couragement from startup business, and dever situation face problems of little manager inpetitiveness for little management resource combining series of lectures and works sions and case study sessions for better ugh real issues in business scene. In or is in "case based teaching", a number of er rocess, students in the TMI departments are priority.	rrse of this aloping counent resources is top shops by a understander to factorical as well as the state of t	year inties irces. pic of guest nding ilitate dents

Course Code	5174103	Term	S1S2	Credits	2	
Course Title	科学技術政策	斗学技術政策研究:学際系(Resilience Engineering)				
Faculties	SHIBASAKI Ry	uichi / FUF	RUTA Kazuo			
Course Objectives/Overview	or following cha under both exp concept of safe of researchers study to pursue technological sy	anges and of ected and of ty based or and practit of methodol of stems. This	cility of a system to adjust its functioning disturbances, so that it can sustain requirement conditions. Resilience can be probabilistic concept of risk and now droners. Resilience engineering is an according how to implement resilience to established by the security of specific rell as an up-to-date overview of specific	ired opera e an adva awing atte ademic are complex s , framewor	entions ention ea of socio- cks of	

Course Code	5174104	Term	S 2	Credits	2
Course Title	科学技術政策	研究:学	:際系(Energy Systems)		
Faculties	KOMIYAMA Ryo	COMIYAMA Ryouichi / FUJII Yasumasa			
Course Objectives/Overview	explained compassociated with	n this course, basics of energy systems on and around nuclear energy are explained comprehensively. Environmental and economic evaluation methods associated with energy use and development are also mentioned so that the students can obtain balanced knowledge and ways of thinking of energy systems.			

Course Code	5174105	Term	S1S2	Credits	2		
Course Title	科学技術政策	斗学技術政策研究:学際系(Global Health Policy)					
Faculties	HASHIZUME M	ASHIZUME Masahiro / CHRIS NG FOOK SHENG					
Course Objectives/Overview	背景を概説す習を行う。ク別講義も適宜 グローバルへ 負荷、健康格 This course intro discusses key applications of challenges for p burden of disea equity, infection	でるとともでロースを でロースの き、健康 oduces the pissues in in quantitative olicy. Topics ases, globa ous disease	ペルスにおける主な課題の論点はに、政策課題の分析と解釈のたるペルスの第一線で活躍する外部記理論と実践の双方を習得する。扱業とガバナンス、地球環境問題をの社会的決定要因等である。principles and theories of major global hearn proving global population health, as we methods to analyze and interpret the swill include global health policy and goval environmental change, environmental se surveillance, non-communicable hild health, health risk assessment, etc.	かの実践 講師によ うテーマ と健康、 alth challer vell as pra ese issues ernance, g l health, h	的ると疾 演特 は病 nges, ctical and plobal ealth		

Course Code	5179001	Term	S1S2	Credits	2
Course Title	国際公共政策	国際公共政策実践研究(Social Design and Global Leadership)			
Faculties	H. SUZUKI/K	. SUZUKI			
Course Objectives/Overview	and manageme in organization sectors and dis	This is the introductory lecture course for graduate leading program on social design and management. Basic concepts and methods for social design and management in organization settings are introduced, followed by concrete cases in various sectors and discussion on global leadership as a cross cutting issue. This course especially focuses on problem definition phase of social design and management.			

Course Code	5179002	Term	S1S2	Credits	2	
Course Title	国際公共政策	実践研究	2 (Public-Private Partnerships)			
Faculties	NISHIZAWA/S	ISHIZAWA/SEETHARAM/IKEMOTOTHARAM				
Course Objectives/Overview	Partnerships (F economic, soc functioning of so private funds for of impact invest students must what world consultar professional writers.	PPPs) as a id, and id ociety and public good ing. As a proper and submacy project ting. Overal	idents deepen their understanding of a framework for public services provinstitutional infrastructures—essential to people's well-being. Furthermore, the ds provision is discussed in light of the emactical training course with an active learns under the instructor's guidance. Their ditted to external "clients" † as if the stude The course also serves as hands-fl, the course aims to prepare students for blic services provision in both the public services.	sion—suce the sm mobilization of the sm mobil	h as nooth on of actice pach, es will real- g for itions	

† External clients are the Asian Development Bank (ADB)'s Office of Public-Private
Partnership; GR Japan; and Japan International Cooperation Agency (JICA)'s
Private Sector Partnership and Finance Department.

Course Code	5179004-1	Term	S 2	Credits	2				
Course Title	国際公共政策	国際公共政策実践研究(International Field Workshop in Asia)							
Faculties	NISHIZAWA To:	NISHIZAWA Toshiro							
Course Objectives/Overview	issues with off international organizational organization of Asia with the following policy challenged develop skills moderate a meeting their messages	ficials, mar ganizations lowing four es and learr to commur eting discuss among pub	ents with opportunities to discuss current pagerial staff, and experts in governing, business entities, NPOs, and research objectives. First, it helps students identify in how to design solutions. Second, it assolicate professionally—in written and or sion. Third, it encourages students to learn lic policy practitioners and general public.	nent ager n institutio y today's p ists studer ral forms- n how to de Fourth, it	ncies, ns in oublic nts to —and eliver gives				

Course Code	5179006	Term	A1A2	Credits	2			
Course Title		国際公共政策実践研究 (Project Based Learning on Technological Innovation and Social Solutions)						
Faculties	SUZUKI/ISOZ	SUZUKI/ISOZUMI/AOKI						
Course Objectives/Overview	innovative, tech opportunities fo problem or chall in a multidiscipl	-driven solur students lenge that ninary team. ution, whic	m multidisciplinary backgrounds collaborations to complex societal problems. The content of interact with expert clients who present to be addressed and to practice wo Students are asked to make hard choice the requires careful problem identificated potions.	course pro ent them v rking effect es to prode	vides vith a tively uce a			

Course Code	5179008	Term	S1S2	Credits	2					
Course Title	国際公共政策	国際公共政策実践研究(Introduction to Cybersecurity Policy)								
Faculties	SUZUKI/TAK	SUZUKI / TAKAMIZAWA								
Course Objectives/Overview	<ul> <li>Understanding continuity, and reputation, and cybersecurity.</li> <li>Understanding requirements.</li> <li>Analyzing critiand implement.</li> </ul>	g the policy risk/crisis other organged g the role of tical incider organization	ide but are not limited to, y issues that center on international relational management to protect intellectual productional assets from any threat or at a feet technical standards to supplement legal and into including data breaches or related enal strategies to address such risks.	operty, as tack related and regul	essets, ed to atory esign					

(whether it is public or public sector)
Gaining a basic grounding for policy via the examination of current research
issues and problems
<ul> <li>Gaining experience handling real-world security policy challenges through analysis of public documents and artifacts using written and oral communication.</li> <li>Developing the multidisciplinary skills needed to analyze, manage, and resolve</li> </ul>
the challenges associated with public policy, international relations, and governance.
<ul> <li>Students are encouraged to take experiment provided by Interfaculty Initiative in</li> </ul>
Information Studies/Graduate School of Interdisciplinary Information Studies

Course Code	5179010-1	Term	S1S2	Credits	2		
Course Title	国際公共政策	国際公共政策実践研究(Energy Security)					
Faculties	ARIMA Jun						
Course Objectives/Overview	Learn about individual energy sectors from global energy security perspective. Find out public policy issues for each sector and develop policy responses to enhance secure, affordable and sustainable energy supply.						

Course Code	5179010-2	Term	A1A2	Credits	2			
Course Title	国際公共政策	国際公共政策実践研究(Energy Security)						
Faculties	ARIMA Jun	ARIMA Jun						
Course Objectives/Overview	Learn about individual energy sectors from global energy security perspective. Find out public policy issues for each sector and develop policy responses to enhance secure, affordable and sustainable energy supply.							

Course Code	5179011	Term	S1S2	Credits	2				
Course Title	国際公共政策	国際公共政策実践研究(医療イノベーション政策)							
Faculties	鈴木 寛/昌-	子 久仁子	<u>.</u>						
Course Objectives/Overview	す安任物険てや開本るはの定、フ局動有成、制家の定、フ局動有成、制家の産の産の産の産の産の産の産の産の産の産の産の産の産の産の産の産の産の産の産	体質率の製総性の療に関水確で備企と、向準いが与り	てその結果としての健康の水準にはと個別の価格設定、提供されるとするための国家の関与、医療事品をするための国家の関与、医療事品をではなどに対して、医師、患品で、との進展がある。そして、この進展がよいでは、との進展がある。とのは果としての国民の健康のでは、当事者間の合意と市場の傾きにより変化して、当事者間の合意と市場のぼって、と、医療・健康政策と経済成長の対して、との結果として、とのでは、というには、というは、というには、といいいいいいいいいいいいいいいいいいいいいいいいいいいいいいいいいいいい	医女に皆正の一しはこで療にめ、体主シで準委考の対の病が体ョいをねえ安す人院反のンる決る理	全る的、応行の。定の解・責・保し動展 すです				

両面から注目されている「医療イノベーション」に視点を当ててこれらの諸制度の評価を行う。 医療をめぐる近年の急速な技術進歩やグローバル化の進展を理解するとともに、基礎的科学から患者への提供にいたるヘルスケア産業のイノベーションの過程を取り上げ、国際的な比較を交えて、日本のイノベーション環境の評価を行う。また、「医療イノベーション」を経済成長のための政策としてみる場合の留意点について理解

確実性、個人情報保護、倫理上の課題も取り扱う。具体的な事例としては、医薬品・再生医療・医療機器に関する研究開発や承認プロ

する。それらに合わせて、先端医療技術の活用におけるリスクや不

セ	ス領	阜を打	及う	予定	であ	る。
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Course Code	5179012	Term	S1S2	Credits	2				
Course Title	国際公共政策	国際公共政策実践研究(Social Design and management)							
Faculties	ORSI/ARAI/	RSI/ARAI/MARUYAMA/YAGI/KANO/DEL BARRIO							
Course Objectives/Overview	as resources, e security, global communication (technical and in students will co- addition to the l	environmen economy, in relation the nstitutional ensciously controlled knowledge ous solutio	re expected to examine research in variate and energy, health and medicine, spatfood and life, Al and digitalization, and o various social issues, and attempt to disolutions) to social issues in concrete was possider what other fields of knowledge along their own field of expertise, and stude in options. Students will also examine the is in society.	ce and od learning esign soluys. In doing re necessants will att	cean, and utions g so, ary in tempt				