

## FY2022 Bilateral Programs Joint Research Projects/Seminars Document Review Set

International Collaboration Programs Review Section		Bilateral Programs	
Panel Review Section	Document Review Section		
Section	Basic Section		
Humanities	11	Philosophy, art, and related fields	Humanities-1
		01010 Philosophy and ethics-related	
		01020 Chinese philosophy, Indian philosophy and Buddhist philosophy-related	
		01030 Religious studies-related	
		01040 History of thought-related	
		01050 Aesthetics and art studies-related	
		01060 History of arts-related	
		01070 Theory of art practice-related	
		01080 Sociology of science, history of science and technology-related	
		90010 Design-related	
	12	Literature, linguistics, and related fields	
		02010 Japanese literature-related	
		02020 Chinese literature-related	
		02030 English literature and literature in the English language-related	
		02040 European literature-related	
		02050 Literature in general-related	
		02060 Linguistics-related	
		02070 Japanese linguistics-related	
		02080 English linguistics-related	
		02090 Japanese language education-related	
		02100 Foreign language education-related	
		90020 Library and information science, humanistic and social informatics-related	
	13	History, archaeology, museology, and related fields	
		03010 Historical studies in general-related	
		03020 Japanese history-related	
		03030 History of Asia and Africa-related	
		03040 History of Europe and America-related	
		03050 Archaeology-related	
		03060 Cultural assets study-related	
		03070 Museology-related	
	14	Geography, cultural anthropology, folklore, and related fields	
		04010 Geography-related	
		04020 Human geography-related	
		04030 Cultural anthropology and folklore-related	
		80010 Area studies-related	
		80020 Tourism studies-related	
		80030 Gender studies-related	

Explanatory notes	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #fff2cc;"> </td></tr> <tr><td style="background-color: #f8d7da;"> </td></tr> <tr><td style="background-color: #d1ecf1;"> </td></tr> </table>				<p>These basic sections do not require selecting document and panel review sections</p> <p>These basic sections require selecting document and panel review sections</p> <p>These basic sections require selecting a panel review section</p>

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	Basic Section			
Social sciences	21	Law and related fields	Social sciences-1	
		05010		Legal theory and history-related
		05020		Public law-related
		05030		International law-related
		05040		Social law-related
		05050		Criminal law-related
		05060		Civil law-related
		05070		New fields of law-related
	22	Political science and related fields		
		06010		Politics-related
		06020		International relations-related
		80010		Area studies-related
		80030		Gender studies-related
	23	Economics, business administration, and related fields		
		07010		Economic theory-related
		07020		Economic doctrines and economic thought-related
		07030		Economic statistics-related
		07040		Economic policy-related
		07050		Public economics and labor economics-related
		07060		Money and finance-related
		07070		Economic history-related
		07080		Business administration-related
		07090		Commerce-related
		07100		Accounting-related
		80020		Tourism studies-related
	24	Sociology and related fields		
		08010		Sociology-related
		08020		Social welfare-related
		08030		Family and consumer sciences, and culture and living-related
		80020		Tourism studies-related
		80030		Gender studies-related
	26	Psychology and related fields		
		10010		Social psychology-related
		10020		Educational psychology-related
		10030		Clinical psychology-related
		10040		Experimental psychology-related
	90030	Cognitive science-related		
	25	Education and related fields		
		09010		Education-related
		09020		Sociology of education-related
		09030		Childhood and nursery/pre-school education-related
		09040		Education on school subjects and primary/secondary education-related
09050		Tertiary education-related		
09060		Special needs education-related		
09070		Educational technology-related		
09080		Science education-related		
02090		Japanese language education-related		
02100		Foreign language education-related		
Social sciences-2				

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	Basic Section				
Mathematical and physical sciences	31	Algebra, geometry, and related fields	Mathematical and physical sciences-1		
		11010		Algebra-related	
		11020		Geometry-related	
	32	Analysis, applied mathematics, and related fields			
		12010		Basic analysis-related	
		12020		Mathematical analysis-related	
		12030		Basic mathematics-related	
		12040		Applied mathematics and statistics-related	
	33	Condensed matter physics and related fields		Mathematical and physical sciences-2	
		13010			Mathematical physics and fundamental theory of condensed matter physics-related
		13020	Semiconductors, optical properties of condensed matter and atomic physics-related		
		13030	Magnetism, superconductivity and strongly correlated systems-related		
		13040	Biophysics, chemical physics and soft matter physics-related		
	34	Plasma science and related fields		Mathematical and physical sciences-3	
		14010	Fundamental plasma-related		
		14020	Nuclear fusion-related		
		14030	Applied plasma science-related		
		80040	Quantum beam science-related		
	35	Particle-, nuclear-, astro-physics, and related fields		Mathematical and physical sciences-4	
		80040	Quantum beam science-related		
15010		Theoretical studies related to particle-, nuclear-, cosmic ray and astro-physics			
	15020	Experimental studies related to particle-, nuclear-, cosmic ray and astro-physics			
36	Astronomy and related fields		Mathematical and physical sciences-5		
	16010	Astronomy-related			
37	Earth and planetary science and related fields		Mathematical and physical sciences-6		
	17010	Space and planetary sciences-related			
	17020	Atmospheric and hydrospheric sciences-related			
	17030	Human geosciences-related			
	17040	Solid earth sciences-related			
	17050	Biogeosciences-related			

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	Basic Section		
Chemistry	41	Physical chemistry, functional solid state chemistry, inorganic/coordination chemistry, analytical chemistry, inorganic materials chemistry, energy-related chemistry, and related fields	Chemistry-1
	32010	Fundamental physical chemistry-related	
	32020	Functional solid state chemistry-related	
	34010	Inorganic/coordination chemistry-related	
	34020	Analytical chemistry-related	
	34030	Green sustainable chemistry and environmental chemistry-related	
	36010	Inorganic compounds and inorganic materials chemistry-related	
	36020	Energy-related chemistry	
	42	Organic chemistry, polymers, organic materials, biomolecular chemistry, and related fields	Chemistry-2
	33010	Structural organic chemistry and physical organic chemistry-related	
	33020	Synthetic organic chemistry-related	
	35010	Polymer chemistry-related	
	35020	Polymer materials-related	
	35030	Organic functional materials-related	
37010	Bio-related chemistry		
37020	Chemistry and chemical methodology of biomolecules-related		
37030	Chemical biology-related		

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Panel Review Section	Document Review Section		
	Basic Section		
Engineering sciences	51	Mechanics of materials, production-, design-, nuclear-, earth resources-, energy-, fluid-, thermal-, aerospace-, marine and maritime-engineering, mechanical dynamics, robotics, and related fields	
	18010	Mechanics of materials and materials-related	Engineering sciences-1
	18020	Manufacturing and production engineering-related	
	18030	Design engineering-related	
	18040	Machine elements and tribology-related	
	31010	Nuclear engineering-related	
	31020	Earth resource engineering, Energy sciences-related	
	19010	Fluid engineering-related	Engineering sciences-2
	19020	Thermal engineering-related	
	20010	Mechanics and mechatronics-related	
	20020	Robotics and intelligent system-related	
	24010	Aerospace engineering-related	
	24020	Marine engineering-related	
	52	Electrical and electronic engineering, applied condensed matter physics, applied physics and engineering, and related fields	
	21010	Power engineering-related	Engineering sciences-3
	21020	Communication and network engineering-related	
	21030	Measurement engineering-related	
	21040	Control and system engineering-related	
	21050	Electric and electronic materials-related	
	21060	Electron device and electronic equipment-related	
29010	Applied physical properties-related	Engineering sciences-4	
29020	Thin film/surface and interfacial physical properties-related		
29030	Applied condensed matter physics-related		
30010	Crystal engineering-related		
30020	Optical engineering and photon science-related		

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Panel Review Section	Document Review Section		Document Review Set
	Basic Section		
Informatics	61	Information science, computer engineering, applied informatics, and related fields	Informatics-1
		60010 Theory of informatics-related	
		60020 Mathematical informatics-related	
		60030 Statistical science-related	
		60040 Computer system-related	
		60050 Software-related	
		60060 Information network-related	
		60070 Information security-related	
		60080 Database-related	
		60090 High performance computing-related	
		60100 Computational science-related	
		62010 Life, health and medical informatics-related	
		62020 Web informatics and service informatics-related	
		62030 Learning support system-related	
		62040 Entertainment and game informatics-related	
	90020 Library and information science, humanistic and social informatics-related		
	62	Human informatics and related fields	Informatics-2
		61010 Perceptual information processing-related	
		61020 Human interface and interaction-related	
		61030 Intelligent informatics-related	
61040 Soft computing-related			
61050 Intelligent robotics-related			
61060 Kansei informatics-related			
90010 Design-related			
90030 Cognitive science-related			

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Panel Review Section	Document Review Section			
	Basic Section			
Biological sciences	71	Biology at molecular to cellular levels, and related fields	Biological sciences-1	
		43010		Molecular biology-related
		43020		Structural biochemistry-related
		43030		Functional biochemistry-related
		43040		Biophysics-related
		43050		Genome biology-related
	43060	System genome science-related		
	72	Biology at cellular to organismal levels, and related fields	Biological sciences-2	
		44010		Cell biology-related
		44020		Developmental biology-related
		44030		Plant molecular biology and physiology-related
		44040		Morphology and anatomical structure-related
	44050	Animal physiological chemistry, physiology and behavioral biology-related		
	74	Neuroscience and related fields	Biological sciences-2	
		46010		Neuroscience-general-related
		46020		Anatomy and histopathology of nervous system-related
	46030	Function of nervous system-related		
	73	Biology at organismal to population levels and anthropology, and related fields	Biological sciences-3	
45010		Genetics-related		
45020		Evolutionary biology-related		
45030		Biodiversity and systematics-related		
45040		Ecology and environment-related		
45050		Physical anthropology-related		
45060	Applied anthropology-related			

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	Basic Section		
Agriculture/ Environmental sciences	81	Agricultural chemistry and related fields	Agriculture/ Environmental sciences-1
		38010 Plant nutrition and soil science-related	
		38020 Applied microbiology-related	
		38030 Applied biochemistry-related	
		38040 Bioorganic chemistry-related	
		38050 Food sciences-related	
	38060 Applied molecular and cellular biology-related		
	82	Agricultural and environmental biology, agricultural economics and rural sociology, agricultural engineering, and related fields	Agriculture/ Environmental sciences-2
		39010 Science in plant genetics and breeding-related	
		39020 Crop production science-related	
		39030 Horticultural science-related	
		39040 Plant protection science-related	
		39050 Insect science-related	
		39060 Conservation of biological resources-related	
		39070 Landscape science-related	
		41010 Agricultural and food economics-related	
		41020 Rural sociology and agricultural structure-related	
		41030 Rural environmental engineering and planning-related	
		41040 Agricultural environmental engineering and agricultural information engineering-related	
	41050 Environmental agriculture-related		
	85	Environmental analyses and evaluation, environmental conservation measure, and related fields	Agriculture/ Environmental sciences-3
		63010 Environmental dynamic analysis-related	
		63020 Radiation influence-related	
		63030 Chemical substance influence on environment-related	
		63040 Environmental impact assessment-related	
		64010 Environmental load and risk assessment-related	
64020 Environmental load reduction and remediation-related			
64030 Environmental materials and recycle technology-related			
64040 Social-ecological systems-related			
64050 Sound material-cycle social systems-related			
64060 Environmental policy and social systems-related			
84	Veterinary medical science, animal science, and related fields	Agriculture/ Environmental sciences-5	
	42010 Animal production science-related		
	42020 Veterinary medical science-related		
	42030 Animal life science-related		
42040 Laboratory animal science-related			
83	Forestry and forest products science, applied aquatic science, and related fields	Agriculture/ Environmental sciences-6	
	40010 Forest science-related		
	40020 Wood science-related		
	40030 Aquatic bioproduction science-related		
40040 Aquatic life science-related			

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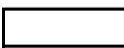
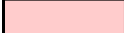

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	Basic Section				
Medicine dentistry and pharmacy	91	Pharmaceutical sciences and related fields	Medicine dentistry and pharmacy-1		
		47010		Pharmaceutical chemistry and drug development sciences-related	
		47020		Pharmaceutical analytical chemistry and physicochemistry-related	
		47030		Pharmaceutical hygiene and biochemistry-related	
		47040		Pharmacology-related	
		47050		Environmental and natural pharmaceutical resources-related	
		47060	Clinical pharmacy-related		
	92	Biomedical structure and function and related fields		Medicine dentistry and pharmacy-2	
		48010	Anatomy-related		
		48020	Physiology-related		
		48030	Pharmacology-related		
		48040	Medical biochemistry-related		
	93	Pathology, infection/immunology, and related fields			
		49010	Pathological biochemistry-related		
		49020	Human pathology-related		
		49030	Experimental pathology-related		
		49040	Parasitology-related		
		49050	Bacteriology-related		
		49060	Virology-related		
		49070	Immunology-related		
	94	Oncology, brain sciences, and related fields			
		50010	Tumor biology-related		
		50020	Tumor diagnostics and therapeutics-related		
		51010	Basic brain sciences-related		
51020		Cognitive and brain science-related			
	51030	Pathophysiologic neuroscience-related			

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	Basic Section				
Medicine dentistry and pharmacy (continued)	95	General internal medicine, organ-based internal medicine, internal medicine of the bio-information integration, and related fields	Medicine dentistry and pharmacy-3		
		52010		General internal medicine-related	
		52020		Neurology-related	
		52030		Psychiatry-related	
		52040		Radiological sciences-related	
		52050		Embryonic medicine and pediatrics-related	
		53010		Gastroenterology-related	
		53020		Cardiology-related	
		53030		Respiratory medicine-related	
		53040		Nephrology-related	
		53050		Dermatology-related	
		54010		Hematology and medical oncology-related	
		54020		Connective tissue disease and allergy-related	
		54030		Infectious disease medicine-related	
		54040		Metabolism and endocrinology-related	
	96	Surgery of the organs maintaining homeostasis, surgery related to the biological and sensory functions, and related fields			
		55010			General surgery and pediatric surgery-related
		55020			Digestive surgery-related
		55030			Cardiovascular surgery-related
		55040			Respiratory surgery-related
		55050			Anesthesiology-related
		55060			Emergency medicine-related
		56010			Neurosurgery-related
		56020			Orthopedics-related
		56030			Urology-related
		56040			Obstetrics and gynecology-related
		56050			Otorhinolaryngology-related
56060	Ophthalmology-related				
56070	Plastic and reconstructive surgery-related				

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	Basic Section		
Medicine dentistry and pharmacy (continued)	97	Oral science and related fields	Medicine dentistry and pharmacy-4
		57010 Oral biological science-related	
		57020 Oral pathobiological science-related	
		57030 Conservative dentistry-related	
		57040 Regenerative dentistry and dental engineering-related	
		57050 Prosthodontics-related	
		57060 Surgical dentistry-related	
		57070 Developmental dentistry-related	
	57080 Social dentistry-related		
	98	Society medicine, nursing, sports sciences, physical education, health sciences, and related fields	Medicine dentistry and pharmacy-5
		58010 Medical management and medical sociology-related	
		58020 Hygiene and public health-related: including laboratory approach	
		58030 Hygiene and public health-related: excluding laboratory approach	
		58040 Forensics medicine-related	
		58050 Fundamental of nursing-related	
		58060 Clinical nursing-related	
		58070 Lifelong developmental nursing-related	
		58080 Gerontological nursing and community health nursing-related	
		59010 Rehabilitation science-related	
		59020 Sports sciences-related	
		59030 Physical education, and physical and health education-related	
	59040 Nutrition science and health science-related		
	90	Biomedical engineering and related fields	
		90110 Biomedical engineering-related	
		90120 Biomaterials-related	
		90130 Medical systems-related	
		90140 Medical technology assessment-related	
90150 Medical assistive technology-related			

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