

FY2023 Bilateral Programs Joint Research Projects/Seminars Document Review Set

International Collaboration Programs Review Section		Bilateral Programs	
Panel Review Section	Document Review Section		Document Review Set
	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-	
	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		

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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		Mathematical and physical sciences-2			
		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-3		
		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-4	
		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-5
		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-5				
	17010 Space and planetary sciences-related						
	17020 Atmospheric and hydrospheric sciences-related						
	17030 Human geosciences-related						
	17040 Solid earth sciences-related						
	17050 Biogeosciences-related						

Explanatory notes	<div style="background-color: #cccccc; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: #ffcccc; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: #ccccff; width: 100%; height: 10px;"></div>	These basic sections do not require selecting document and panel review sections These basic sections require selecting document and panel review sections These basic sections require selecting a panel review section
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Panel Review Section	Document Review Section		
	Basic Section		
		Document Review Set	
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			
		Document Review Set		
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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International Collaboration Programs Review Section		Bilateral Programs	
Panel Review Section	Document Review Section		
	Basic Section		
		Document Review Set	
Engineering sciences (continued)	53	Civil engineering, social systems engineering, safety engineering, disaster prevention engineering, architecture, building engineering, and related fields	Engineering sciences-5 Engineering sciences-6
	22010	Civil engineering material, execution and construction management-related	
	22020	Structure engineering and earthquake engineering-related	
	22030	Geotechnical engineering-related	
	22040	Hydroengineering-related	
	22050	Civil engineering plan and transportation engineering-related	
	22060	Environmental systems for civil engineering-related	
	25010	Social systems engineering-related	
	25020	Safety engineering-related	
	25030	Disaster prevention engineering-related	
	23010	Building structures and materials-related	
	23020	Architectural environment and building equipment-related	
	23030	Architectural planning and city planning-related	
	23040	Architectural history and design-related	
	90010	Design-related	
	54		
26010		Metallic material properties-related	
26020		Inorganic materials and properties-related	
26030		Composite materials and interfaces-related	
26040		Structural materials and functional materials-related	
26050		Material processing and microstructure control-related	
26060		Metals production and resources production-related	
27010		Transport phenomena and unit operations-related	
27020		Chemical reaction and process system engineering-related	
27030		Catalyst and resource chemical process-related	
27040		Biofunction and bioprocess engineering-related	
28010		Nanometer-scale chemistry-related	
28020		Nanostructural physics-related	
28030		Nanomaterials-related	
28040	Nanobioscience-related		
28050	Nano/micro-systems-related		
90		Biomedical engineering and related fields	Engineering sciences-10
	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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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		Document Review Set	
	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-3	
		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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Panel Review Section	Document Review Section		Document Review Set
	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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Panel Review Section	Document Review Section		Document Review Set	
	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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Panel Review Section	Document Review Section		Document Review Set
	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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International Collaboration Programs Review Section			Bilateral Programs
Panel Review Section	Document Review Section		Document Review Set
	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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